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# PRINCIPAL PARTICULARS

|                                   |          |
|-----------------------------------|----------|
| Length over all (LOA)             | 67.980 m |
| Length betw. perpendiculars (LPP) | 70.777 m |
| Subdivision length                | 72.924 m |
| Freeboard length                  | 67.803 m |
| Load line draught                 | 5.950 m  |
| Design draught (moulded)          | 4.500 m  |
| Breadth (moulded)                 | 20.000 m |

# CALCULATION SUMMARY

## INITIAL CONDITIONS

### INIT GROUP SDSINI

| INIT  |        | DL     | DP     | DS     |
|-------|--------|--------|--------|--------|
| ----- |        |        |        |        |
| T0    | m      | 4.400  | 4.940  | 5.300  |
| TR0   | m      | 0.000  | 0.000  | 0.000  |
| HEEL0 | degree | 0.0    | 0.0    | 0.0    |
|       |        |        |        |        |
| DSP0  | t      | 3801.8 | 4408.5 | 4816.9 |
| LCB   | m      | 28.883 | 28.395 | 28.121 |
| TCB   | m      | 0.000  | 0.000  | 0.000  |
| VCB   | m      | 2.472  | 2.774  | 2.973  |
|       |        |        |        |        |
| GMO   | m      | 0.200  | 0.300  | 0.500  |
| GM    | m      | 0.200  | 0.300  | 0.500  |
| KG    | m      | 9.46   | 8.91   | 8.47   |
| KMT   | m      | 9.661  | 9.214  | 8.973  |

## HEELING MOMENTS

- 1) Heeling moment resulting from movement of passengers

$$M_{\text{passenger}} = (0.075 * N_p) * (0.45 * B) = 36.8565 \text{ [tm]}$$

Where,

$N_p$  is the maximum number of passengers permitted to be on board in the service condition corresponding to the deepest subdivision draught under consideration  
 $N_p = 60$

$B$  is the beam of the ship = 18.2007 [m]

- 2) Moment of maximum assumed wind force acting in damage situation

$$M_{\text{wind}} = (P * A * Z) / 9.806 \text{ [tm]}$$

Where,

$$P = 120 \text{ N/m}^2$$

$A$  = projected lateral area above waterline

$Z$  = distance from centre of lateral projected area above waterline to  $T/2$   
and

$T$  = ship's draught

$M_{\text{wind}}$  moment is calculated by software automatically for every waterline condition

- 3) Maximum assumed heeling moment due to the launching of all fully loaded de-  
launched survival craft on one side of the ship.

$$M_{\text{survivalcraft}} = 50 \text{ [tm]}$$

CALCULATION SETTINGS

CALCULATION ARGUMENTS USED IN THE STUDY:

|          |  |                           |
|----------|--|---------------------------|
| HULL     | DAMHULL  | hull name                 |
| HEEL     | 0 1 3 5 7 10 12 15 20 25 30 40 50  | heeling angle DEGREE      |
| ARRV     | A  | arrangement version       |
| OPARR    | PROB.OPARR   | opening arrangement       |
| CCONN    | CCONN*PROB.CCONN   | compartment connections   |
| FORCE    | BOTH   | force heel side & range   |
| OPTION   | PERM NOPROGR LOG CDISP CDIR  | calc. and output options  |
| CMARG    | ...  | margin line               |
| ROP      | AP01 AP02 AP03 AP04 AP05 AP06 AP07 AP08 D108 DA11 DA12 DA13 DA14 DA15 DA16 DA17, DA18 DA19 | relevant openings         |
| RCR      | ...  | relevant criteria         |
| WTARR    | PROB.AUTO_WTA  | watertight arrangement    |
| SYTOL    | 0.001  | symmetry tolerance M      |
| TRLIM    | 80   | trim limit DEGREE         |
| SWH      | not given  | significant wave height M |
| ROROROOM | not given  | name of roro room         |
| CFRB     | ...  | freeboard deck edge       |
| AAS      | not given  | auto assign of arguments  |

INDEX SUMMARY

TRIM 0

ATTAINED AND REQUIRED SUBDIVISION INDEX

Subdivision length                    72.924 m  
Breadth at the load line            18.208 m  
Breadth at the bulkhead deck    18.201 m  
Number of persons N1                0  
Number of persons N2                60

Required subdivision index R = 0.54356

Attained subdivision index A = 0.22347

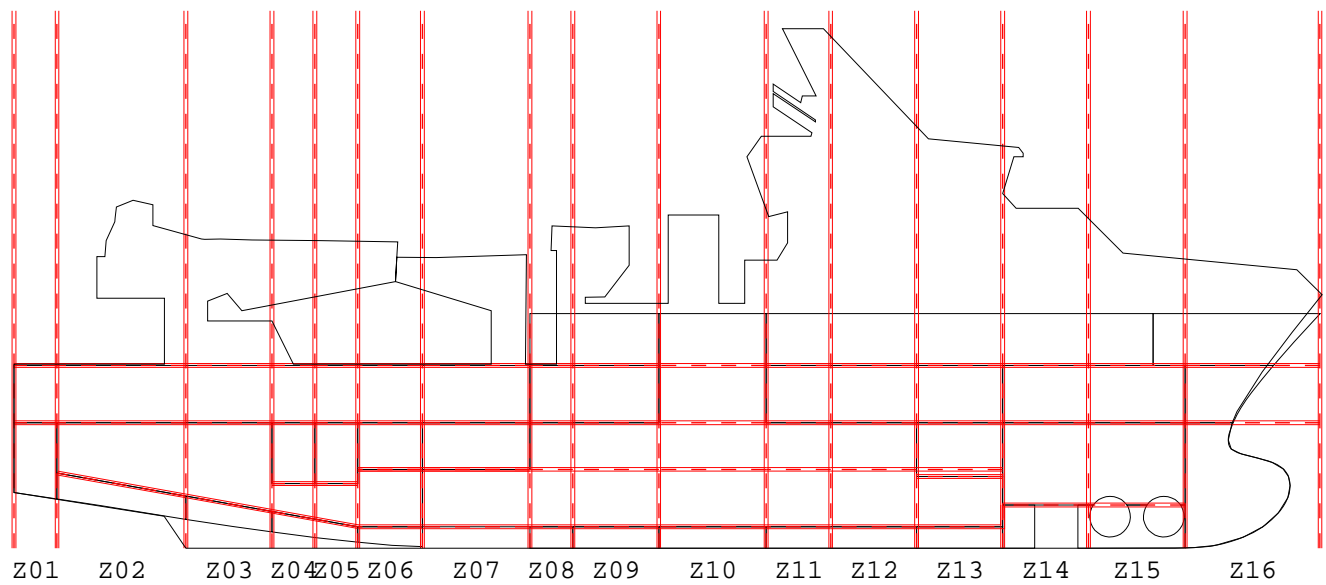
| INIT | T     | GM    | A/R  | A       | A*WCOEF | WCOEF |
|------|-------|-------|------|---------|---------|-------|
|      | m     | m     |      |         |         |       |
| DL   | 4.400 | 0.200 | 0.17 | 0.09124 | 0.01825 | 0.200 |
| DP   | 4.940 | 0.300 | 0.37 | 0.20158 | 0.08063 | 0.400 |
| DS   | 5.300 | 0.500 | 0.57 | 0.31148 | 0.12459 | 0.400 |

INDEX ACCORDING TO NUMBER OF ZONES

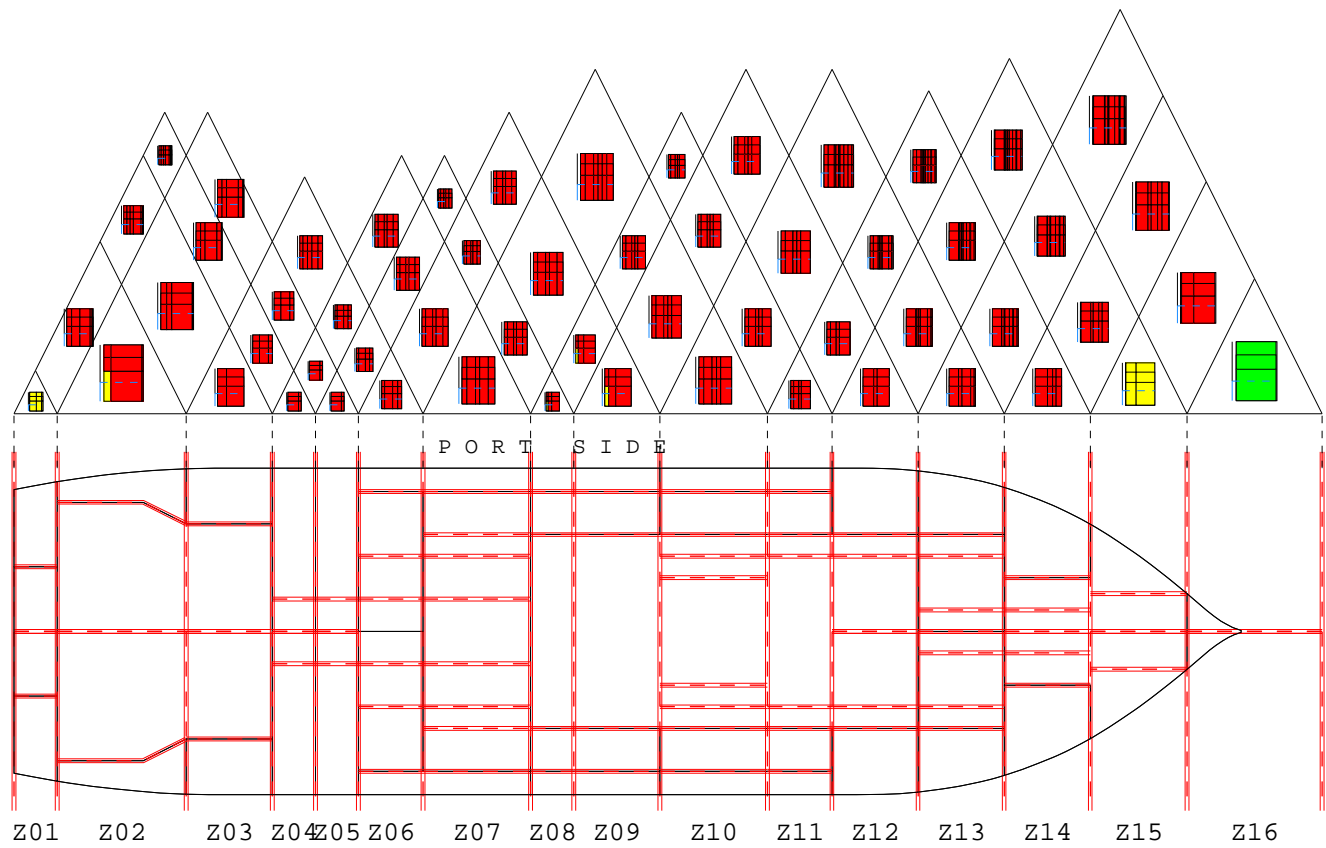
|                |  |         |
|----------------|--|---------|
| DAMAGES        |  | W*P*V*S |
| 1-ZONE DAMAGES |  | 0.16215 |
| 2-ZONE DAMAGES |  | 0.05746 |
| 3-ZONE DAMAGES |  | 0.00377 |
| 4-ZONE DAMAGES |  | 0.00010 |
| A-INDEX TOTAL  |  | 0.22347 |

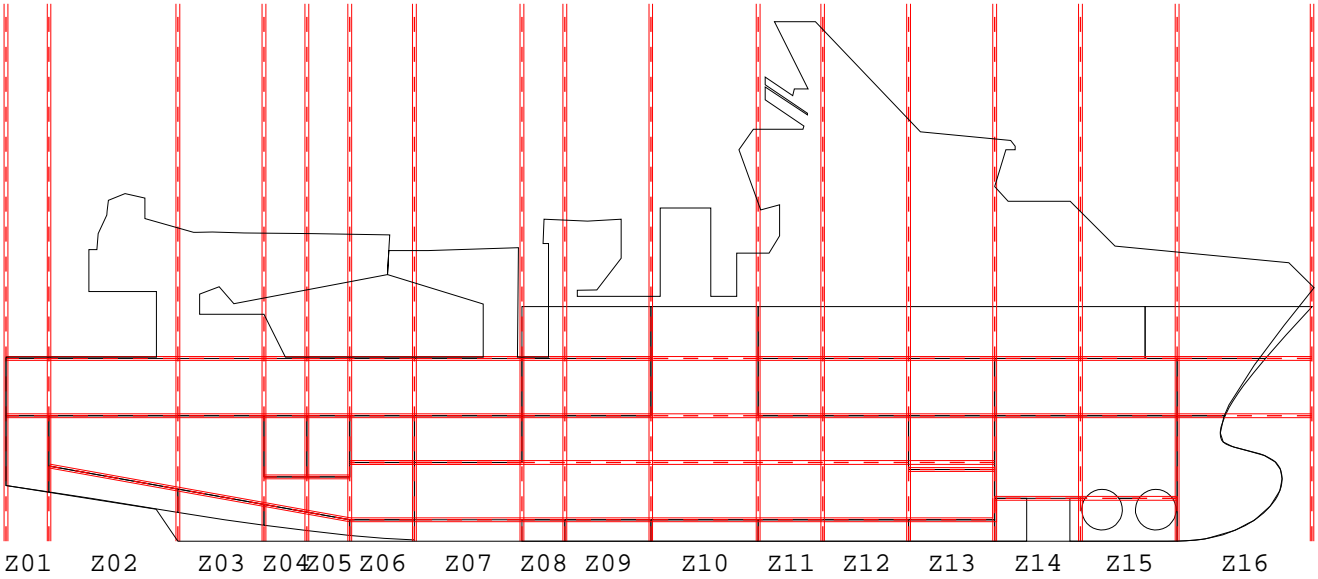
S-FACTOR DIAGRAMS

TRIM 0

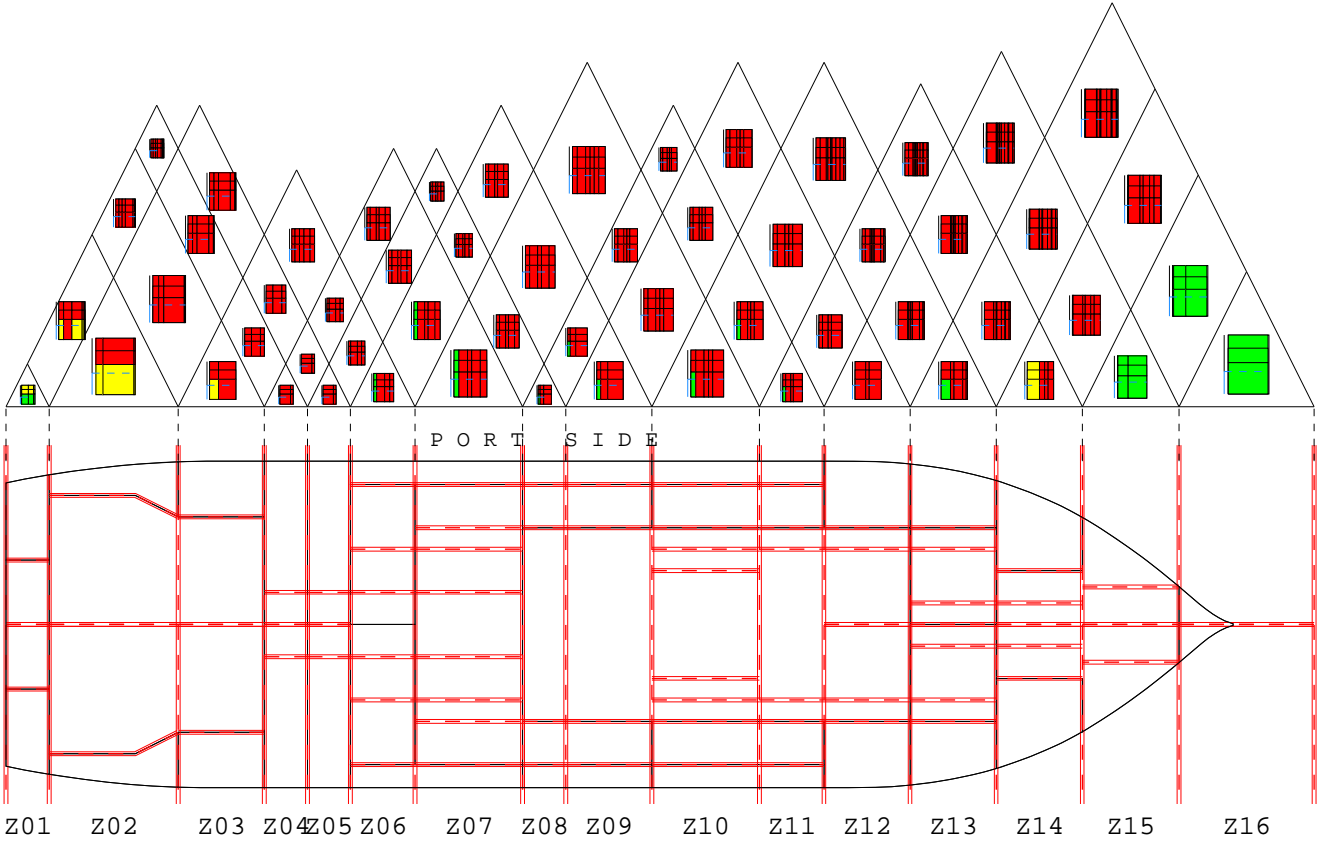


RESULT TABLE: TAB\*SDSD1RES2-TR0  
INITIAL CONDITION: DL  
DRAUGHT: 4.4  
GM: 0.2  
A-value PS: 0.0182

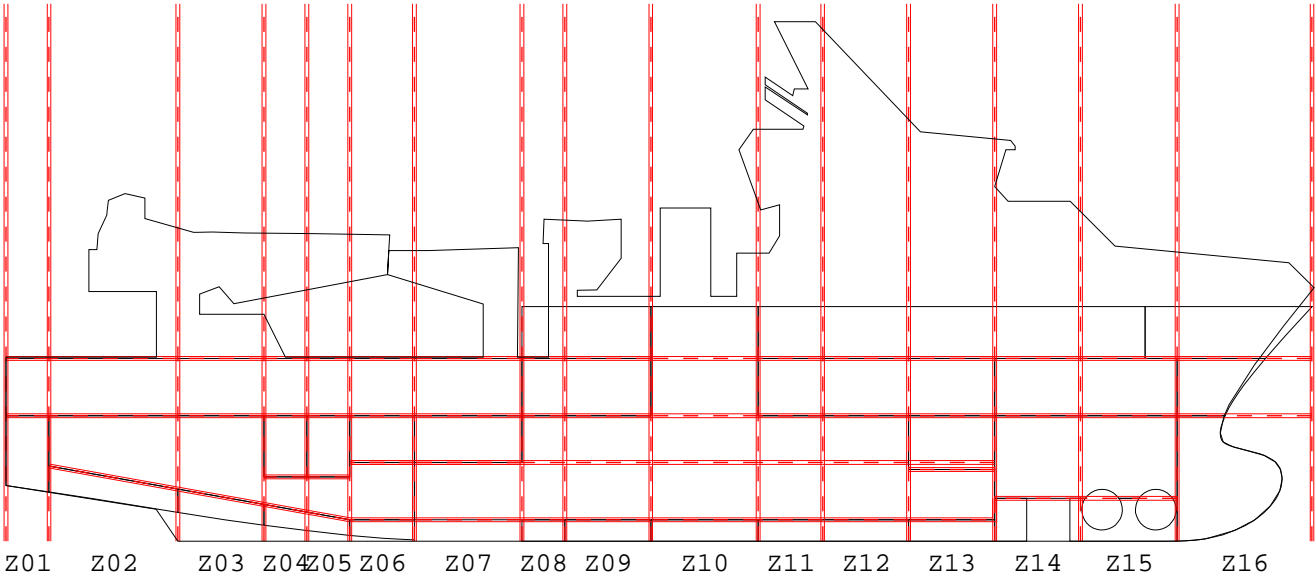




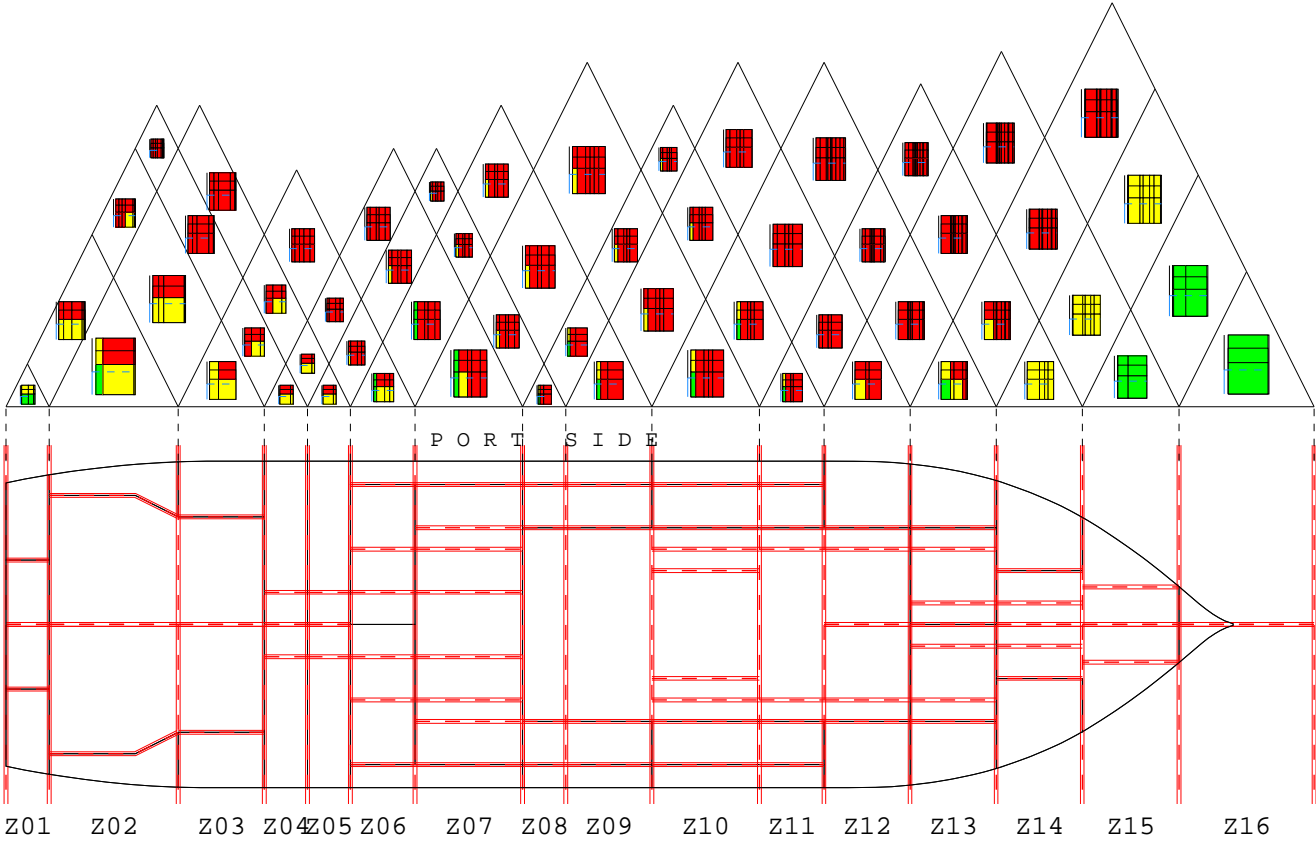
RESULT TABLE: TAB\*SDSD1RES2-TR0  
INITIAL CONDITION: DP  
DRAUGHT: 4.94  
GM: 0.3  
A-value PS: 0.0806







RESULT TABLE: TAB\*SDSD1RES2-TR0  
INITIAL CONDITION: DS  
DRAUGHT: 5.3  
GM: 0.5  
A-value PS: 0.1246



# REGULATION 9 SUMMARY

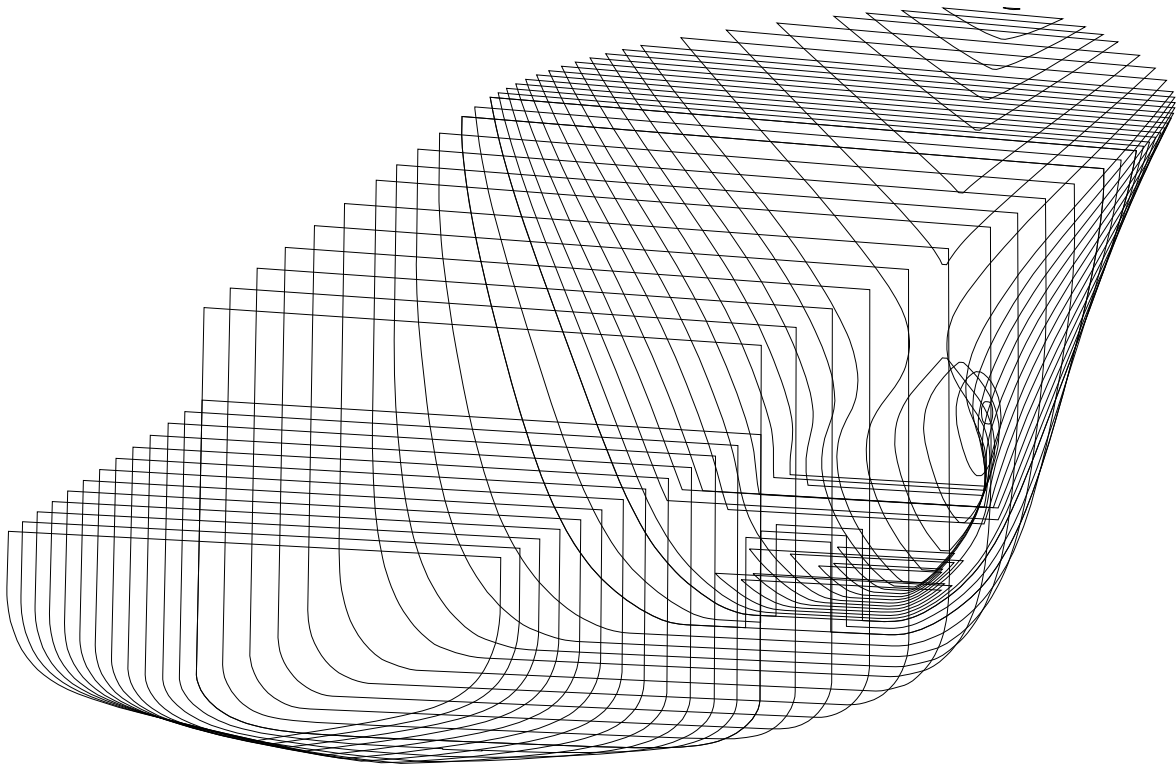
REQUIREMENT: SFAC = 1

TRIM: 0  
Error: Results missing

# GENERAL DATA

## BUOYANT HULL

Name of buoyant hull: DAMHULL  
Date of buoyant hull: 2016-05-07



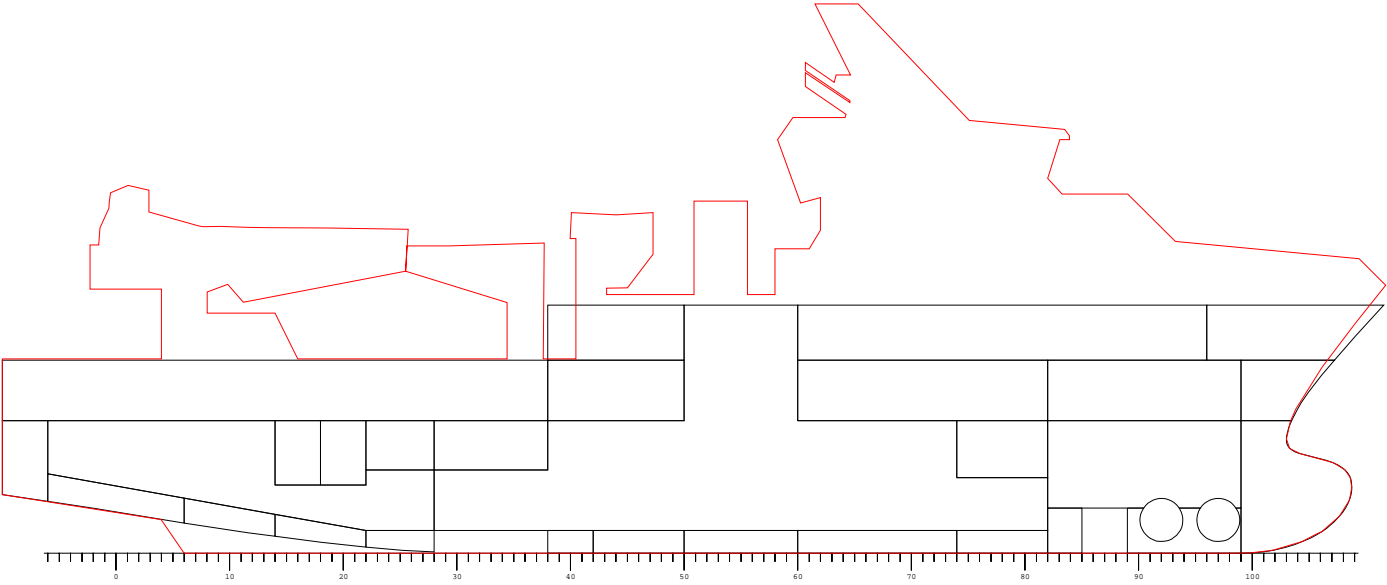
Description of DAMHULL:

ROOM DAMHULL  
LIM <STABHULL

HYDROSTATIC DATA

| T<br>m | DISP<br>t | CB     | LCB<br>m | LCF<br>m | TPC<br>t/cm | MCT<br>tm/cm | KMT<br>m |
|--------|-----------|--------|----------|----------|-------------|--------------|----------|
| 1.000  | 597.1     | 0.4464 | 33.557   | 31.83    | 7.0         | 14.6         | 25.326   |
| 1.500  | 968.5     | 0.4845 | 32.621   | 30.53    | 7.8         | 19.0         | 18.927   |
| 2.000  | 1375.9    | 0.5173 | 31.781   | 29.37    | 8.5         | 23.8         | 15.348   |
| 2.500  | 1818.2    | 0.5475 | 31.074   | 28.49    | 9.2         | 30.0         | 13.143   |
| 3.000  | 2300.3    | 0.5776 | 30.459   | 27.90    | 10.1        | 38.5         | 11.731   |
| 3.500  | 2818.4    | 0.6069 | 29.874   | 26.73    | 10.6        | 44.3         | 10.745   |
| 4.000  | 3358.9    | 0.6332 | 29.300   | 25.94    | 11.0        | 48.0         | 10.072   |
| 4.500  | 3913.5    | 0.6561 | 28.785   | 25.45    | 11.2        | 50.0         | 9.570    |
| 5.000  | 4476.4    | 0.6756 | 28.347   | 25.18    | 11.3        | 51.0         | 9.170    |
| 5.500  | 5044.9    | 0.6924 | 27.985   | 25.12    | 11.4        | 52.0         | 8.859    |
| 6.000  | 5618.2    | 0.7069 | 27.694   | 25.16    | 11.5        | 53.1         | 8.628    |
| 6.500  | 6195.7    | 0.7198 | 27.463   | 25.26    | 11.6        | 54.1         | 8.466    |
| 7.000  | 6777.0    | 0.7312 | 27.280   | 25.41    | 11.7        | 55.0         | 8.363    |
| 7.500  | 7362.2    | 0.7414 | 27.137   | 25.58    | 11.7        | 56.0         | 8.309    |
| 8.000  | 7951.0    | 0.7508 | 27.029   | 25.77    | 11.8        | 57.1         | 8.298    |
| 8.500  | 8543.9    | 0.7594 | 26.949   | 25.98    | 11.9        | 58.2         | 8.324    |
| 9.000  | 9141.0    | 0.7674 | 26.894   | 26.21    | 12.0        | 59.4         | 8.380    |
| 9.500  | 9742.6    | 0.7749 | 26.859   | 26.45    | 12.1        | 60.8         | 8.462    |
| 10.000 | 10348.5   | 0.7820 | 26.842   | 26.71    | 12.2        | 62.2         | 8.566    |
| 10.500 | 10803.7   | 0.7771 | 27.108   | 41.47    | 6.9         | 11.8         | 7.287    |
| 11.000 | 11151.2   | 0.7657 | 27.560   | 41.75    | 7.0         | 12.3         | 7.424    |
| 11.500 | 11504.2   | 0.7556 | 28.000   | 42.04    | 7.1         | 12.8         | 7.572    |
| 12.000 | 11862.8   | 0.7467 | 28.429   | 42.33    | 7.2         | 13.4         | 7.728    |
| 12.500 | 12227.4   | 0.7389 | 28.848   | 42.64    | 7.4         | 14.0         | 7.894    |
| 13.000 | 12598.1   | 0.7321 | 29.258   | 42.96    | 7.5         | 14.7         | 8.069    |

WIND PROFILE



# 1.1 Ship model arrangment

|       |  |    |
|-------|--|----|
| FRMIN | lower frame limit                        | #  |
| FRMAX | upper frame limit                        | #  |
| VNET  | net volume                               | m3 |
| LCG   | longitudinal centre of gravity (from AP) | m  |
| TCG   | transverse centre of gravity (+ SB)      | m  |
| VCG   | vertival centre of gravity (above BL)    | m  |
| IYMAX | Max. IY of surface                       | m4 |

| NAME | DES | VNET<br>m3 | LCG<br>m | TCG<br>m | VCG<br>m | IYMAX<br>m4 | FRMIN<br># | FRMAX<br># |
|------|-----|------------|----------|----------|----------|-------------|------------|------------|
|------|-----|------------|----------|----------|----------|-------------|------------|------------|

## CAPACITY OF Accomodation (RHO=1)

|          |                         |        |       |      |       |       |    |    |
|----------|-------------------------|--------|-------|------|-------|-------|----|----|
| R102     | Gym Laundry             | 444.2  | 53.73 | 0.00 | 8.66  | 3239  | 82 | 99 |
| R103     | Accommodation fwd       | 1390.3 | 36.21 | 0.00 | 8.60  | 13141 | 38 | 82 |
| RA02     | Accommodation on A deck | 1670.1 | 40.39 | 0.00 | 11.66 | 17143 | 38 | 96 |
| SUBTOTAL |                         | 3504.6 | 40.42 | 0.00 | 10.06 |       |    |    |

## CAPACITY OF Deck store (RHO=1)

|          |                 |       |       |       |       |      |    |     |
|----------|-----------------|-------|-------|-------|-------|------|----|-----|
| C31      | Engine store    | 69.1  | 19.80 | 3.60  | 2.80  | 23   | 28 | 38  |
| C32      | Engine workshop | 69.1  | 19.80 | -3.60 | 2.80  | 23   | 28 | 38  |
| R101     | Bosun store     | 53.3  | 60.77 | 0.00  | 8.94  | 149  | 99 | 107 |
| RA01     | Bosun store     | 213.3 | 60.66 | 0.00  | 11.81 | 1408 | 96 | 112 |
| SUBTOTAL |                 | 404.9 | 46.72 | 0.00  | 8.36  |      |    |     |

## CAPACITY OF Fuel oil (RHO=0.86)

|          |            |        |       |       |      |     |    |    |
|----------|------------|--------|-------|-------|------|-----|----|----|
| 201S     | MDO L-tank | 132.2  | 46.80 | 2.95  | 4.28 | 63  | 74 | 82 |
| 201P     | MDO L-tank | 132.2  | 46.80 | -2.95 | 4.28 | 63  | 74 | 82 |
| 221S     | MDO        | 131.6  | 34.80 | 6.60  | 4.10 | 11  | 50 | 66 |
| 221P     | MDO        | 131.6  | 34.80 | -6.60 | 4.10 | 11  | 50 | 66 |
| 222S     | MDO        | 98.7   | 26.40 | 6.60  | 4.10 | 8   | 38 | 50 |
| 222P     | MDO        | 98.7   | 26.40 | -6.60 | 4.10 | 8   | 38 | 50 |
| 310S     | MDO        | 45.4   | 19.80 | 6.60  | 2.80 | 7   | 28 | 38 |
| 310P     | MDO        | 45.4   | 19.80 | -6.60 | 2.80 | 7   | 28 | 38 |
| 311S     | MDO        | 140.0  | 15.00 | 4.34  | 4.29 | 142 | 22 | 28 |
| 311P     | MDO        | 140.0  | 15.00 | -4.34 | 4.29 | 142 | 22 | 28 |
| SUBTOTAL |            | 1095.9 | 29.88 | 0.00  | 4.08 |     |    |    |

## CAPACITY OF Miscellaneous (RHO=1)

|     |            |      |       |       |      |    |    |    |
|-----|------------|------|-------|-------|------|----|----|----|
| 21P | Grey water | 95.9 | 41.96 | -7.17 | 4.19 | 20 | 66 | 74 |
|-----|------------|------|-------|-------|------|----|----|----|

## CAPACITY OF Machinery space (RHO=1)

|          |                  |        |       |      |      |      |    |    |
|----------|------------------|--------|-------|------|------|------|----|----|
| C10      | Thruster room FP | 301.5  | 54.27 | 0.00 | 4.96 | 587  | 82 | 99 |
| C20      | Engine room      | 1674.0 | 33.21 | 0.00 | 4.80 | 2296 | 28 | 82 |
| C30      | Switchboard room | 243.4  | 19.80 | 0.00 | 5.70 | 1898 | 28 | 38 |
| C50      | Propulsion room  | 681.2  | 3.85  | 0.00 | 4.78 | 2363 | -6 | 28 |
| SUBTOTAL |                  | 2900.0 | 27.38 | 0.00 | 4.89 |      |    |    |

| NAME | DES | VNET<br>m3 | LCG<br>m | TCG<br>m | VCG<br>m | IYMAX<br>m4 | FRMIN<br># | FRMAX<br># |
|------|-----|------------|----------|----------|----------|-------------|------------|------------|
|------|-----|------------|----------|----------|----------|-------------|------------|------------|

CAPACITY OF Potable water (RHO=1)

|          |             |       |       |       |      |    |    |    |
|----------|-------------|-------|-------|-------|------|----|----|----|
| 12S      | Fresh water | 83.9  | 51.38 | 5.01  | 4.87 | 43 | 82 | 90 |
| 12P      | Fresh water | 83.9  | 51.38 | -5.01 | 4.87 | 43 | 82 | 90 |
| SUBTOTAL |             | 167.8 | 51.38 | 0.00  | 4.87 |    |    |    |

CAPACITY OF Store (RHO=1)

|          |                       |        |       |       |      |       |     |    |
|----------|-----------------------|--------|-------|-------|------|-------|-----|----|
| R104     | Coffee shop area      | 150.5  | 18.00 | 6.65  | 8.60 | 94    | 22  | 38 |
| R105     | Air conditioned store | 150.5  | 18.00 | -6.65 | 8.60 | 94    | 22  | 38 |
| R106     | Warehouse             | 1376.3 | 6.30  | 0.00  | 8.60 | 10120 | -10 | 38 |
| SUBTOTAL |                       | 1677.3 | 8.40  | 0.00  | 8.60 |       |     |    |

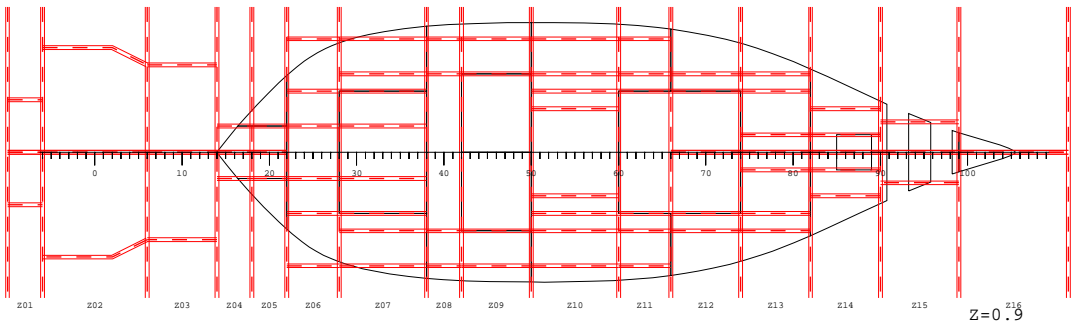
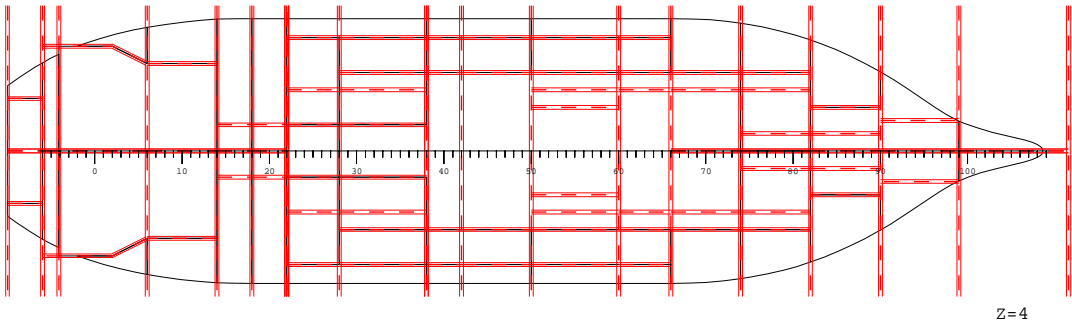
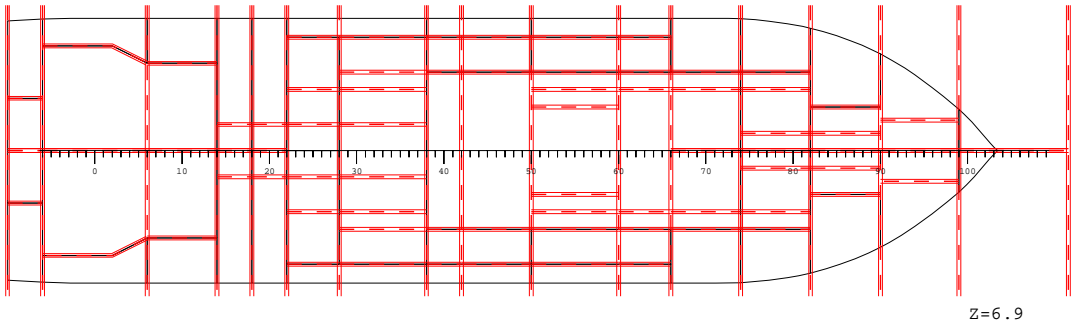
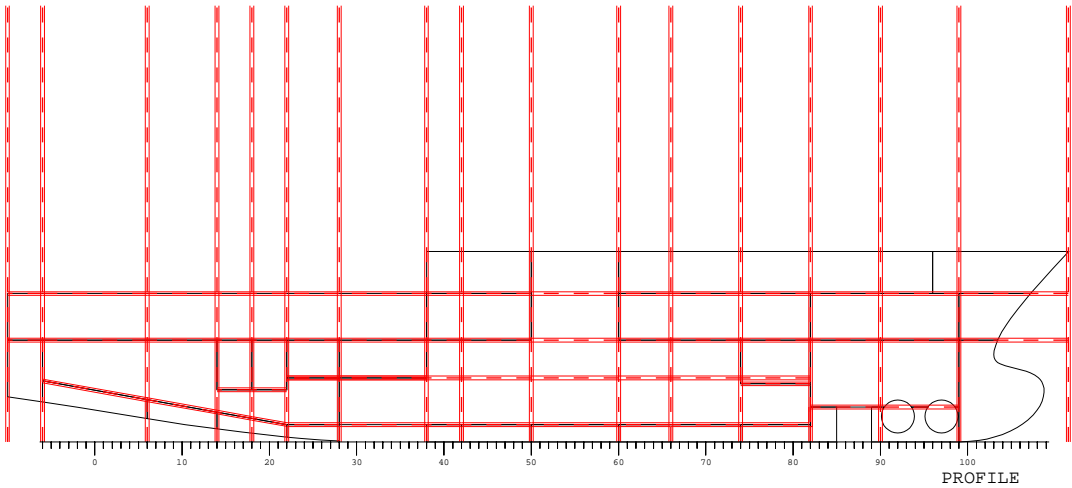
CAPACITY OF Void (RHO=1)

|          |                |       |       |      |      |      |    |    |
|----------|----------------|-------|-------|------|------|------|----|----|
| 101C     | Void space fwd | 120.8 | 52.35 | 0.00 | 1.25 | 716  | 82 | 99 |
| 201C     | Void U-tank    | 182.7 | 45.62 | 0.00 | 1.57 | 2666 | 66 | 82 |
| 203C     | Void U-tank    | 234.0 | 34.29 | 0.00 | 1.35 | 4402 | 50 | 66 |
| 204C     | Void U-tank    | 140.1 | 25.92 | 0.00 | 1.55 | 3003 | 38 | 50 |
| 300C     | Void U-tank    | 149.3 | 17.99 | 0.00 | 1.81 | 3362 | 22 | 38 |
| SUBTOTAL |                | 827.0 | 35.07 | 0.00 | 1.50 |      |    |    |

CAPACITY OF Water ballast (RHO=1.025)

|       |                              |       |       |       |      |      |     |     |
|-------|------------------------------|-------|-------|-------|------|------|-----|-----|
| 01C   | WB Forepeak tank             | 62.4  | 61.16 | 0.00  | 3.50 | 13   | 99  | 109 |
| 11S   | WB                           | 10.6  | 55.78 | 3.10  | 3.33 | 6    | 90  | 99  |
| 11P   | WB                           | 10.6  | 55.78 | -3.10 | 3.33 | 6    | 90  | 99  |
| 21S   | Water ballast                | 95.9  | 41.96 | 7.17  | 4.19 | 20   | 66  | 74  |
| 202C  | Water ballast bttop 1        | 83.0  | 40.20 | 0.00  | 0.60 | 415  | 60  | 74  |
| 205S  | Water ballast bttop PS       | 30.5  | 27.60 | 2.70  | 0.60 | 63   | 42  | 50  |
| 205P  | Water ballast bttop SB       | 30.5  | 27.60 | -2.70 | 0.60 | 63   | 42  | 50  |
| 211S  | WB wing tank                 | 39.5  | 46.70 | 7.03  | 5.73 | 16   | 74  | 82  |
| 211P  | WB wing tank                 | 39.5  | 46.70 | -7.03 | 5.73 | 16   | 74  | 82  |
| 213S  | WB wing tank                 | 31.8  | 34.80 | 8.45  | 5.70 | 2    | 50  | 66  |
| 213P  | WB wing tank                 | 31.8  | 34.80 | -8.45 | 5.70 | 2    | 50  | 66  |
| 214S  | WB wing tank                 | 23.8  | 26.40 | 8.45  | 5.70 | 1    | 38  | 50  |
| 214P  | WB wing tank                 | 23.8  | 26.40 | -8.45 | 5.70 | 1    | 38  | 50  |
| 301C  | Water ballast                | 56.1  | 19.87 | 0.00  | 0.63 | 296  | 28  | 38  |
| 312S  | WB wing tank                 | 31.8  | 18.00 | 8.45  | 5.70 | 2    | 22  | 38  |
| 312P  | WB wing tank                 | 31.8  | 18.00 | -8.45 | 5.70 | 2    | 22  | 38  |
| 401C  | WB stern center bttop - ttop | 16.0  | 10.69 | 0.00  | 1.17 | 19   | 14  | 22  |
| 41S   | WB L-tank                    | 73.0  | 10.95 | 4.90  | 2.44 | 153  | 14  | 22  |
| 41P   | WB L-tank                    | 73.0  | 10.95 | -4.90 | 2.44 | 153  | 14  | 22  |
| RRED1 | Roll reduction tank 1        | 145.5 | 12.00 | 0.00  | 5.30 | 1206 | 18  | 22  |
| RRED2 | Roll reduction tank 2        | 145.5 | 9.60  | 0.00  | 5.30 | 1206 | 14  | 18  |
| 51S   | WB wing aft tank             | 80.8  | 6.06  | 6.03  | 4.14 | 93   | 6   | 14  |
| 51P   | WB wing aft tank             | 80.8  | 6.06  | -6.03 | 4.14 | 93   | 6   | 14  |
| 52S   | WB wing aft tank             | 38.3  | 0.71  | 7.84  | 5.57 | 7    | -6  | 6   |
| 52P   | WB wing aft tank             | 38.3  | 0.71  | -7.84 | 5.57 | 7    | -6  | 6   |
| 52C   | WB tank                      | 72.1  | -0.06 | 0.00  | 3.09 | 472  | -6  | 6   |
| 61C   | Water ballast stern          | 63.3  | -4.78 | 0.00  | 5.12 | 75   | -10 | -6  |
| 61S   | Water ballast stern SB       | 31.7  | -4.77 | 5.85  | 5.63 | 32   | -10 | -6  |
| 61P   | Water ballast stern PS       | 31.7  | -4.77 | -5.85 | 5.63 | 32   | -10 | -6  |

| NAME     | DES | VNET    | LCG   | TCG  | VCG  | IYMAX | FRMIN | FRMAX |
|----------|-----|---------|-------|------|------|-------|-------|-------|
|          |     | m3      | m     | m    | m    | m4    | #     | #     |
| SUBTOTAL |     | 1523.6  | 18.90 | 0.45 | 4.06 |       |       |       |
| TOTAL    |     | 12196.8 | 29.34 | 0.00 | 6.59 |       |       |       |









| ZONE | X1<br>m | X2 BP<br>m |                         | BS                      | HHSD        |
|------|---------|------------|-------------------------|-------------------------|-------------|
| Z01  | -6.0    | -3.6       | 4.539/8.139             | 4.539/8.139             | -           |
| Z02  | -3.6    | 3.6        | 1.62/8.82               | 1.62/8.82               | 4.187       |
| Z03  | 3.6     | 8.4        | 3.1/9.1                 | 3.1/9.1                 | 2.906       |
| Z04  | 8.4     | 10.8       | 7.3/9.1                 | 7.3/9.1                 | 2.053/3.6   |
| Z05  | 10.8    | 13.2       | 7.3/9.1                 | 7.3/9.1                 | 1.624/3.6   |
| Z06  | 13.2    | 16.8       | 1.3/4.9/7.3             | 1.3/4.9/7.3             | 1.2/4.4/4.4 |
| Z07  | 16.8    | 22.8       | 1.3/3.7/4.9/7.3         | 1.3/3.7/4.9/7.3         | 1.2/4.4/4.4 |
| Z08  | 22.8    | 25.2       | 1.3/3.7                 | 1.3/3.7                 | 1.2/4.4     |
| Z09  | 25.2    | 30.0       | 1.3/3.7                 | 1.3/3.7                 | 1.2/4.4     |
| Z10  | 30.0    | 36.0       | 1.3/3.7/4.9/6.1         | 1.3/3.7/4.9/6.1         | 1.2/4.4     |
| Z11  | 36.0    | 39.6       | 1.3/3.7/4.9             | 1.3/3.7/4.9             | 1.2/4.4     |
| Z12  | 39.6    | 44.4       | 3.693/4.893/9.093       | 3.693/4.893/9.093       | 1.2/4.4     |
| Z13  | 44.4    | 49.2       | 3.205/4.405/7.405/8.605 | 3.205/4.405/7.405/8.605 | 1.2/4/4.4   |
| Z14  | 49.2    | 54.0       | 4.158/5.958/7.158       | 4.158/5.958/7.158       | 2.4         |
| Z15  | 54.0    | 59.4       | 0.189/3.339             | 0.189/3.339             | 2.4         |
| Z16  | 59.4    | 66.9       | 0                       | 0                       | -           |

| ZONE | HHSU   |
|------|--------|
| Z01  | 7/10.2 |
| Z02  | 7/10.2 |
| Z03  | 7/10.2 |
| Z04  | 7/10.2 |
| Z05  | 7/10.2 |
| Z06  | 7/10.2 |
| Z07  | 7/10.2 |
| Z08  | 7/10.2 |
| Z09  | 7/10.2 |
| Z10  | 7/10.2 |
| Z11  | 7/10.2 |
| Z12  | 7/10.2 |
| Z13  | 7/10.2 |
| Z14  | 7/10.2 |
| Z15  | 7/10.2 |
| Z16  | 7/10.2 |

COMPARTMENT CONNECTIONS LISTING

| WTCOMP | CONN | COMP | OPEN | OPENING | CLASS | STAGE |
|--------|------|------|------|---------|-------|-------|
|        | C10  | R102 |      |         |       |       |
|        | C20  | C31  |      |         |       |       |
|        | C20  | C32  |      |         |       |       |
|        | C20  | R103 |      |         |       |       |

ACCLASS CONNECTIONS LISTING

Table empty, nothing to list

LIGHT SERVICE CONDITION

| INIT  |        | DL     |
|-------|--------|--------|
| T0    | m      | 4.400  |
| TR0   | m      | 0.000  |
| HEEL0 | degree | 0.0    |
| DSP0  | t      | 3801.8 |
| LCB   | m      | 28.883 |
| TCB   | m      | 0.000  |
| VCB   | m      | 2.472  |
| GM0   | m      | 0.200  |
| GM    | m      | 0.200  |
| KG    | m      | 9.46   |
| KMT   | m      | 9.661  |

OPENING DEFINITIONS

| NAME | DESCRIPTION           | WT           | FR<br># | Y<br>m | Z<br>m | CONN      |
|------|-----------------------|--------------|---------|--------|--------|-----------|
| AP01 | AIR PIPE AFT          | WEATHERTIGHT | -6.5    | -9.0   | 10.0   |           |
| AP02 | AIR PIPE AFT          | WEATHERTIGHT | -6.5    | 9.0    | 10.0   |           |
| AP03 | AIR PIPE MID          | WEATHERTIGHT | 5.5     | -9.0   | 10.0   |           |
| AP04 | AIR PIPE MID          | WEATHERTIGHT | 5.5     | 9.0    | 10.0   |           |
| AP05 | AIR PIPE MID          | WEATHERTIGHT | 21.5    | -9.0   | 10.0   |           |
| AP06 | AIR PIPE MID          | WEATHERTIGHT | 21.5    | 9.0    | 10.0   |           |
| AP07 | AIR PIPE FWD          | WEATHERTIGHT | 37.5    | -9.0   | 10.0   |           |
| AP08 | AIR PIPE FWD          | WEATHERTIGHT | 37.5    | 9.0    | 10.0   |           |
| D108 | STAIRS                | UNPROTECTED  | 97.0    | 1.0    | 10.2   | R102, RA. |
| DA11 | DOOR TO CASING        | UNPROTECTED  | 53.0    | 3.0    | 7.2    | C20, R103 |
| DA12 | STAIRS                | UNPROTECTED  | 63.0    | 3.0    | 10.2   | R103, RA. |
| DA13 | DOOR TO CASING        | UNPROTECTED  | 53.0    | 3.0    | 10.4   | RA02, C20 |
| DA14 | DOOR TO WAREHOUSE     | WEATHERTIGHT | 38.0    | 2.3    | 7.2    | R103, R1. |
| DA15 | DOOR TO COFFEE SHOP   | WEATHERTIGHT | 35.0    | 4.2    | 7.2    | R106, R1. |
| DA16 | DOOR TO AIR VENT ROOM | WEATHERTIGHT | 35.0    | -4.2   | 7.2    | R106, R1. |

# PART B-1

## CALCULATION RESULTS FOR INDEX CALCULATION

Trim: 0     Result table: TAB\*SDSD1RES2-TR0

| DAMAGES        | W*P*V*S |
|----------------|---------|
| 1-ZONE DAMAGES | 0.16215 |
| 2-ZONE DAMAGES | 0.05746 |
| 3-ZONE DAMAGES | 0.00377 |
| 4-ZONE DAMAGES | 0.00010 |
| A-INDEX TOTAL  | 0.22347 |

CALCULATION RESULTS FOR INDEX CALCULATION

Trim: 0    Result table: TAB\*SDSD1RES2-TR0

| CASE           | P       | V       | S       | W     | W*P*V*S |
|----------------|---------|---------|---------|-------|---------|
| DL/SDSP1.1.1   | 0.01424 | 0.26667 | 0.91669 | 0.200 | 0.00070 |
| DL/SDSP1.1.2   | 0.01424 | 0.32821 | 0.23653 | 0.200 | 0.00022 |
| DL/SDSP1.1.0   | 0.01424 | 0.40513 | 0.23653 | 0.200 | 0.00027 |
| DL/SDSP1.2.1   | 0.00443 | 0.26667 | 0.93012 | 0.200 | 0.00022 |
| DL/SDSP1.2.2   | 0.00443 | 0.32821 | 0.23220 | 0.200 | 0.00007 |
| DL/SDSP1.2.0   | 0.00443 | 0.40513 | 0.23220 | 0.200 | 0.00008 |
| DL/SDSP1.3.1   | 0.00057 | 0.26667 | 0.93012 | 0.200 | 0.00003 |
| DL/SDSP1.3.2   | 0.00057 | 0.32821 | 0.23220 | 0.200 | 0.00001 |
| DL/SDSP1.3.0   | 0.00057 | 0.40513 | 0.23220 | 0.200 | 0.00001 |
| DL/SDSP2.1.1-1 | 0.01597 | 0.26667 | 0.38100 | 0.200 | 0.00032 |
| DL/SDSP2.1.2-1 | 0.01597 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2.1.0-1 | 0.01597 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2.2.1-1 | 0.02695 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2.2.2-1 | 0.02695 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2.2.0-1 | 0.02695 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2.3.1-1 | 0.00021 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2.3.2-1 | 0.00021 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2.3.0-1 | 0.00021 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3.1.1-1 | 0.01366 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3.1.2-1 | 0.01366 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3.1.0-1 | 0.01366 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3.2.1-1 | 0.00706 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3.2.2-1 | 0.00706 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3.2.0-1 | 0.00706 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4.1.1-1 | 0.00555 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4.1.2-1 | 0.00555 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4.1.0-1 | 0.00555 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4.2.1-1 | 0.00002 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4.2.2-1 | 0.00002 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4.2.0-1 | 0.00002 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5.1.1-1 | 0.00555 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5.1.2-1 | 0.00555 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5.1.0-1 | 0.00555 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5.2.1-1 | 0.00002 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5.2.2-1 | 0.00002 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5.2.0-1 | 0.00002 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6.1.1-1 | 0.00452 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6.1.2-1 | 0.00452 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6.1.0-1 | 0.00452 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6.2.1-2 | 0.00617 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6.2.2-1 | 0.00617 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6.2.0-1 | 0.00617 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6.3.1-2 | 0.00118 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6.3.2-1 | 0.00118 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6.3.0-1 | 0.00118 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6.4.1-2 | 0.00023 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6.4.2-1 | 0.00023 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6.4.0-1 | 0.00023 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.1.1-1 | 0.00997 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.1.2-1 | 0.00997 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.1.0-1 | 0.00997 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.2.1-1 | 0.01206 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.2.2-1 | 0.01206 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.2.0-1 | 0.01206 | 0.40513 | 0.00000 | 0.200 | 0.00000 |

| CASE            | P       | V       | S       | W     | W*P*V*S |
|-----------------|---------|---------|---------|-------|---------|
| DL/SDSP7.3.1-1  | 0.00368 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.3.2-1  | 0.00368 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.3.0-1  | 0.00368 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.4.1-1  | 0.00418 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.4.2-1  | 0.00418 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.4.0-1  | 0.00418 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.5.1-1  | 0.00127 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.5.2-1  | 0.00127 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7.5.0-1  | 0.00127 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8.1.1-1  | 0.00244 | 0.26667 | 0.68008 | 0.200 | 0.00009 |
| DL/SDSP8.1.2-1  | 0.00244 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8.1.0-1  | 0.00244 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8.2.1-1  | 0.00231 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8.2.2-1  | 0.00231 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8.2.0-1  | 0.00231 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8.3.1-1  | 0.00082 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8.3.2-1  | 0.00082 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8.3.0-1  | 0.00082 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9.1.1-1  | 0.00705 | 0.26667 | 0.68008 | 0.200 | 0.00026 |
| DL/SDSP9.1.2-1  | 0.00705 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9.1.0-1  | 0.00705 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9.2.1-1  | 0.00817 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9.2.2-1  | 0.00817 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9.2.0-1  | 0.00817 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9.3.1-1  | 0.00550 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9.3.2-1  | 0.00550 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9.3.0-1  | 0.00550 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.1.1-2 | 0.00997 | 0.26667 | 0.04502 | 0.200 | 0.00002 |
| DL/SDSP10.1.2-1 | 0.00997 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.1.0-1 | 0.00997 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.2.1-1 | 0.01206 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.2.2-1 | 0.01206 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.2.0-1 | 0.01206 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.3.1-1 | 0.00368 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.3.2-1 | 0.00368 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.3.0-1 | 0.00368 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.4.1-1 | 0.00253 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.4.2-1 | 0.00253 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.4.0-1 | 0.00253 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.5.1-1 | 0.00292 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.5.2-1 | 0.00292 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10.5.0-1 | 0.00292 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11.1.1-2 | 0.00452 | 0.26667 | 0.04502 | 0.200 | 0.00001 |
| DL/SDSP11.1.2-1 | 0.00452 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11.1.0-1 | 0.00452 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11.2.1-1 | 0.00489 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11.2.2-1 | 0.00489 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11.2.0-1 | 0.00489 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11.3.1-1 | 0.00128 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11.3.2-1 | 0.00128 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11.3.0-1 | 0.00128 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11.4.1-1 | 0.00141 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11.4.2-1 | 0.00141 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11.4.0-1 | 0.00141 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12.1.1-1 | 0.01520 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12.1.2-1 | 0.01520 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12.1.0-1 | 0.01520 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12.2.1-1 | 0.00236 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12.2.2-1 | 0.00236 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12.2.0-1 | 0.00236 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12.3.1-1 | 0.00316 | 0.26667 | 0.00000 | 0.200 | 0.00000 |



| CASE             | P       | V       | S       | W     | W*P*V*S |
|------------------|---------|---------|---------|-------|---------|
| DL/SDSP12.3.2-1  | 0.00316 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12.3.0-1  | 0.00316 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12.4.1-1  | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12.4.2-1  | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12.4.0-1  | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.1.1-1  | 0.01395 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.1.2-1  | 0.01395 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.1.0-1  | 0.01395 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.2.1-3  | 0.00276 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.2.2-1  | 0.00276 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.2.0-1  | 0.00276 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.3.1-3  | 0.00341 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.3.2-1  | 0.00341 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.3.0-1  | 0.00341 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.4.1-3  | 0.00049 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.4.2-2  | 0.00049 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.4.0-1  | 0.00049 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.5.1-1  | 0.00011 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.5.2-2  | 0.00011 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13.5.0-1  | 0.00011 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14.1.1-1  | 0.01623 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14.1.2-1  | 0.01623 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14.1.0-1  | 0.01623 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14.2.1-1  | 0.00274 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14.2.2-1  | 0.00274 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14.2.0-1  | 0.00274 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14.3.1-1  | 0.00100 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14.3.2-1  | 0.00100 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14.3.0-1  | 0.00100 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14.4.1-1  | 0.00075 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14.4.2-1  | 0.00075 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14.4.0-1  | 0.00075 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP15.1.1-1  | 0.00139 | 0.26667 | 0.14153 | 0.200 | 0.00001 |
| DL/SDSP15.1.2-1  | 0.00139 | 0.32821 | 0.14153 | 0.200 | 0.00001 |
| DL/SDSP15.1.0-1  | 0.00139 | 0.40513 | 0.11891 | 0.200 | 0.00001 |
| DL/SDSP15.2.1-1  | 0.01599 | 0.26667 | 0.14153 | 0.200 | 0.00012 |
| DL/SDSP15.2.2-1  | 0.01599 | 0.32821 | 0.14153 | 0.200 | 0.00015 |
| DL/SDSP15.2.0-1  | 0.01599 | 0.40513 | 0.11891 | 0.200 | 0.00015 |
| DL/SDSP15.3.1-1  | 0.00836 | 0.26667 | 0.29895 | 0.200 | 0.00013 |
| DL/SDSP15.3.2-1  | 0.00836 | 0.32821 | 0.29895 | 0.200 | 0.00016 |
| DL/SDSP15.3.0-1  | 0.00836 | 0.40513 | 0.27635 | 0.200 | 0.00019 |
| DL/SDSP16.1.1    | 0.00000 | 0.26667 | 0.99154 | 0.200 | 0.00000 |
| DL/SDSP16.1.2    | 0.00000 | 0.32821 | 0.99154 | 0.200 | 0.00000 |
| DL/SDSP16.1.0    | 0.00000 | 0.40513 | 0.99152 | 0.200 | 0.00000 |
| DL/SDSP16.2.1    | 0.07440 | 0.26667 | 0.99154 | 0.200 | 0.00393 |
| DL/SDSP16.2.2    | 0.07440 | 0.32821 | 0.99154 | 0.200 | 0.00484 |
| DL/SDSP16.2.0    | 0.07440 | 0.40513 | 0.99152 | 0.200 | 0.00598 |
| DL/SDSP1-2.1.1   | 0.01042 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-2.1.2   | 0.01042 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-2.1.0   | 0.01042 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-2.2.1-1 | 0.01517 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-2.2.2-1 | 0.01517 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-2.2.0-1 | 0.01517 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-2.3.1-1 | 0.01141 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-2.3.2-1 | 0.01141 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-2.3.0-1 | 0.01141 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-2.4.1-1 | 0.00125 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-2.4.2-1 | 0.00125 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-2.4.0-1 | 0.00125 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-2.5.1-1 | 0.00043 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-2.5.2-1 | 0.00043 | 0.32821 | 0.00000 | 0.200 | 0.00000 |

| CASE             | P       | V       | S       | W     | W*P*V*S |
|------------------|---------|---------|---------|-------|---------|
| DL/SDSP1-2.5.0-1 | 0.00043 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-3.1.1   | 0.00986 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-3.1.2   | 0.00986 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-3.1.0   | 0.00986 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-3.2.1-2 | 0.00788 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-3.2.2-2 | 0.00788 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-3.2.0-2 | 0.00788 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-3.3.1-2 | 0.01842 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-3.3.2-2 | 0.01842 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-3.3.0-2 | 0.01842 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-3.4.1-2 | 0.00041 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-3.4.2-2 | 0.00041 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-3.4.0-2 | 0.00041 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-4.1.1   | 0.00836 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-4.1.2-3 | 0.00836 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-4.1.0-3 | 0.00836 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-4.2.1   | 0.00711 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-4.2.2-3 | 0.00711 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-4.2.0-3 | 0.00711 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-4.3.1-2 | 0.00137 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-4.3.2-2 | 0.00137 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-4.3.0-2 | 0.00137 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-5.1.1   | 0.00896 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-5.1.2-3 | 0.00896 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-5.1.0-3 | 0.00896 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-5.2.1-2 | 0.00062 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-5.2.2-2 | 0.00062 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-5.2.0-2 | 0.00062 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-6.1.1   | 0.00302 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-6.1.2-3 | 0.00302 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-6.1.0-3 | 0.00302 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-6.2.1-3 | 0.00678 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-6.2.2-3 | 0.00678 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-6.2.0-3 | 0.00678 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-6.3.1-3 | 0.00268 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-6.3.2-3 | 0.00268 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-6.3.0-3 | 0.00268 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-6.4.1-4 | 0.00103 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-6.4.2-2 | 0.00103 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-6.4.0-2 | 0.00103 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.1.1   | 0.00598 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.1.2   | 0.00598 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.1.0   | 0.00598 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.2.1-2 | 0.00945 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.2.2-2 | 0.00945 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.2.0-2 | 0.00945 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.3.1-2 | 0.00379 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.3.2-2 | 0.00379 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.3.0-2 | 0.00379 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.4.1-1 | 0.00556 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.4.2-1 | 0.00556 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.4.0-1 | 0.00556 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.5.1-1 | 0.00243 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.5.2-1 | 0.00243 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-7.5.0-1 | 0.00243 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.1.1-2 | 0.00433 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.1.2-2 | 0.00433 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.1.0-2 | 0.00433 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.2.1-2 | 0.00690 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.2.2-2 | 0.00690 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.2.0-2 | 0.00690 | 0.40513 | 0.00000 | 0.200 | 0.00000 |

| CASE               | P       | V       | S       | W     | W*P*V*S |
|--------------------|---------|---------|---------|-------|---------|
| DL/SDSP7-8.3.1-2   | 0.00275 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.3.2-2   | 0.00275 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.3.0-2   | 0.00275 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.4.1-1   | 0.00396 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.4.2-1   | 0.00396 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.4.0-1   | 0.00396 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.5.1-1   | 0.00165 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.5.2-1   | 0.00165 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-8.5.0-1   | 0.00165 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-9.1.1     | 0.00374 | 0.26667 | 0.68008 | 0.200 | 0.00014 |
| DL/SDSP8-9.1.2     | 0.00374 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-9.1.0     | 0.00374 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-9.2.1-2   | 0.00597 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-9.2.2-2   | 0.00597 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-9.2.0-2   | 0.00597 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-9.3.1-1   | 0.00713 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-9.3.2-1   | 0.00713 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-9.3.0-1   | 0.00713 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.1.1-2  | 0.00731 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.1.2-2  | 0.00731 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.1.0-2  | 0.00731 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.2.1-2  | 0.01151 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.2.2-2  | 0.01151 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.2.0-2  | 0.01151 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.3.1-1  | 0.00463 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.3.2-1  | 0.00463 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.3.0-1  | 0.00463 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.4.1-1  | 0.00383 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.4.2-1  | 0.00383 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.4.0-1  | 0.00383 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.5.1-1  | 0.00609 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.5.2-1  | 0.00609 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-10.5.0-1  | 0.00609 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.1.1-2 | 0.00598 | 0.26667 | 0.04502 | 0.200 | 0.00001 |
| DL/SDSP10-11.1.2   | 0.00598 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.1.0   | 0.00598 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.2.1-2 | 0.00945 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.2.2-2 | 0.00945 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.2.0-2 | 0.00945 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.3.1-2 | 0.00379 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.3.2-2 | 0.00379 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.3.0-2 | 0.00379 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.4.1-1 | 0.00312 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.4.2-1 | 0.00312 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.4.0-1 | 0.00312 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.5.1-1 | 0.00487 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.5.2-1 | 0.00487 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-11.5.0-1 | 0.00487 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.1.1-1 | 0.00518 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.1.2-1 | 0.00518 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.1.0-1 | 0.00518 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.2.1-1 | 0.00819 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.2.2-1 | 0.00819 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.2.0-1 | 0.00819 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.3.1-1 | 0.00002 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.3.2-1 | 0.00002 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.3.0-1 | 0.00002 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.4.1-1 | 0.00327 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.4.2-1 | 0.00327 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.4.0-1 | 0.00327 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.5.1-1 | 0.00002 | 0.26667 | 0.00000 | 0.200 | 0.00000 |

| CASE               | P       | V       | S       | W     | W*P*V*S |
|--------------------|---------|---------|---------|-------|---------|
| DL/SDSP11-12.5.2-1 | 0.00002 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.5.0-1 | 0.00002 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.6.1-1 | 0.00683 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.6.2-1 | 0.00683 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.6.0-1 | 0.00683 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.7.1-1 | 0.00001 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.7.2-1 | 0.00001 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-12.7.0-1 | 0.00001 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.1.1-2 | 0.01456 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.1.2-2 | 0.01456 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.1.0-2 | 0.01456 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.2.1-2 | 0.00184 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.2.2-2 | 0.00184 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.2.0-2 | 0.00184 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.3.1-3 | 0.00248 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.3.2-3 | 0.00248 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.3.0-2 | 0.00248 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.4.1-3 | 0.00156 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.4.2-3 | 0.00156 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.4.0-2 | 0.00156 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.5.1-3 | 0.00615 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.5.2-3 | 0.00615 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.5.0-2 | 0.00615 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.6.1-3 | 0.00185 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.6.2-3 | 0.00185 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.6.0-2 | 0.00185 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.7.1-3 | 0.00056 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.7.2-3 | 0.00056 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.7.0-2 | 0.00056 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.8.1-3 | 0.00001 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.8.2-3 | 0.00001 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-13.8.0-2 | 0.00001 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.1.1-3 | 0.01456 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.1.2-3 | 0.01456 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.1.0-3 | 0.01456 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.2.1-3 | 0.00349 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.2.2-3 | 0.00349 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.2.0-3 | 0.00349 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.3.1-3 | 0.00083 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.3.2-3 | 0.00083 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.3.0-3 | 0.00083 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.4.1-3 | 0.00455 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.4.2-3 | 0.00455 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.4.0-3 | 0.00455 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.5.1-3 | 0.00269 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.5.2-3 | 0.00269 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.5.0-3 | 0.00269 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.6.1-3 | 0.00047 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.6.2-3 | 0.00047 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.6.0-3 | 0.00047 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.7.1-3 | 0.00185 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.7.2-3 | 0.00185 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.7.0-2 | 0.00185 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.8.1-4 | 0.00057 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.8.2-3 | 0.00057 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-14.8.0-2 | 0.00057 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.1.1-1 | 0.00104 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.1.2-1 | 0.00104 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.1.0-1 | 0.00104 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.2.1-1 | 0.01521 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.2.2-1 | 0.01521 | 0.32821 | 0.00000 | 0.200 | 0.00000 |

| CASE               | P       | V       | S       | W     | W*P*V*S |
|--------------------|---------|---------|---------|-------|---------|
| DL/SDSP14-15.2.0-1 | 0.01521 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.3.1-1 | 0.00320 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.3.2-1 | 0.00320 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.3.0-1 | 0.00320 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.4.1-1 | 0.00581 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.4.2-1 | 0.00581 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.4.0-1 | 0.00581 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.5.1-1 | 0.00292 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.5.2-1 | 0.00292 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.5.0-1 | 0.00292 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.6.1-1 | 0.00315 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.6.2-1 | 0.00315 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-15.6.0-1 | 0.00315 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP15-16.1.1-1 | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP15-16.1.2-1 | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP15-16.1.0-1 | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP15-16.2.1-1 | 0.00146 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP15-16.2.2-1 | 0.00146 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP15-16.2.0-1 | 0.00146 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP15-16.3.1-1 | 0.02127 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP15-16.3.2-1 | 0.02127 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP15-16.3.0-1 | 0.02127 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP15-16.4.1-1 | 0.02098 | 0.26667 | 0.03182 | 0.200 | 0.00004 |
| DL/SDSP15-16.4.2-1 | 0.02098 | 0.32821 | 0.03213 | 0.200 | 0.00004 |
| DL/SDSP15-16.4.0-1 | 0.02098 | 0.40513 | 0.00452 | 0.200 | 0.00001 |
| DL/SDSP1-3.1.1     | 0.00164 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.1.2     | 0.00164 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.1.0     | 0.00164 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.2.1-2   | 0.00129 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.2.2-2   | 0.00129 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.2.0-2   | 0.00129 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.3.1-2   | 0.00107 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.3.2-2   | 0.00107 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.3.0-2   | 0.00107 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.4.1-2   | 0.00186 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.4.2-2   | 0.00186 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.4.0-2   | 0.00186 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.5.1-2   | 0.00022 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.5.2-2   | 0.00022 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.5.0-2   | 0.00022 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.6.1-2   | 0.00008 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.6.2-2   | 0.00008 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-3.6.0-2   | 0.00008 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.1.1-4   | 0.00231 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.1.2-4   | 0.00231 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.1.0-4   | 0.00231 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.2.1-4   | 0.00183 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.2.2-3   | 0.00183 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.2.0-3   | 0.00183 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.3.1-4   | 0.00368 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.3.2-3   | 0.00368 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.3.0-3   | 0.00368 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.4.1-4   | 0.00078 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.4.2-2   | 0.00078 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.4.0-2   | 0.00078 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.5.1-4   | 0.00011 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.5.2-2   | 0.00011 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-4.5.0-2   | 0.00011 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-5.1.1-4   | 0.00579 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-5.1.2-4   | 0.00579 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-5.1.0-4   | 0.00579 | 0.40513 | 0.00000 | 0.200 | 0.00000 |

| CASE             | P       | V       | S       | W     | W*P*V*S |
|------------------|---------|---------|---------|-------|---------|
| DL/SDSP3-5.2.1   | 0.00514 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-5.2.2-4 | 0.00514 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-5.2.0-4 | 0.00514 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-5.3.1-3 | 0.00125 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-5.3.2-3 | 0.00125 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-5.3.0-3 | 0.00125 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-6.1.1-4 | 0.00216 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-6.1.2-4 | 0.00216 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-6.1.0-4 | 0.00216 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-6.2.1-4 | 0.00472 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-6.2.2-4 | 0.00472 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-6.2.0-4 | 0.00472 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-6.3.1-4 | 0.00210 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-6.3.2-4 | 0.00210 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-6.3.0-4 | 0.00210 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-6.4.1-5 | 0.00103 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-6.4.2-3 | 0.00103 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-6.4.0-3 | 0.00103 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.1.1   | 0.00235 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.1.2-3 | 0.00235 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.1.0-3 | 0.00235 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.2.1-3 | 0.00364 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.2.2-3 | 0.00364 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.2.0-3 | 0.00364 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.3.1-3 | 0.00148 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.3.2-3 | 0.00148 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.3.0-3 | 0.00148 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.4.1-2 | 0.00228 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.4.2-2 | 0.00228 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.4.0-2 | 0.00228 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.5.1-1 | 0.00112 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.5.2-1 | 0.00112 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-7.5.0-1 | 0.00112 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.1.1-2 | 0.00104 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.1.2-2 | 0.00104 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.1.0-2 | 0.00104 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.2.1-2 | 0.00160 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.2.2-2 | 0.00160 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.2.0-2 | 0.00160 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.3.1-2 | 0.00065 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.3.2-2 | 0.00065 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.3.0-2 | 0.00065 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.4.1-1 | 0.00101 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.4.2-1 | 0.00101 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.4.0-1 | 0.00101 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.5.1-1 | 0.00049 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.5.2-1 | 0.00049 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-8.5.0-1 | 0.00049 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.1.1-2 | 0.00475 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.1.2-2 | 0.00475 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.1.0-2 | 0.00475 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.2.1-2 | 0.00736 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.2.2-2 | 0.00736 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.2.0-2 | 0.00736 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.3.1-1 | 0.00299 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.3.2-1 | 0.00299 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.3.0-1 | 0.00299 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.4.1-1 | 0.00461 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.4.2-1 | 0.00461 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.4.0-1 | 0.00461 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.5.1-1 | 0.00226 | 0.26667 | 0.00000 | 0.200 | 0.00000 |

| CASE               | P       | V       | S       | W     | W*P*V*S |
|--------------------|---------|---------|---------|-------|---------|
| DL/SDSP7-9.5.2-1   | 0.00226 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-9.5.0-1   | 0.00226 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.1.1-2  | 0.00177 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.1.2-2  | 0.00177 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.1.0-2  | 0.00177 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.2.1-2  | 0.00275 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.2.2-2  | 0.00275 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.2.0-2  | 0.00275 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.3.1-1  | 0.00112 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.3.2-1  | 0.00112 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.3.0-1  | 0.00112 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.4.1-1  | 0.00095 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.4.2-1  | 0.00095 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.4.0-1  | 0.00095 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.5.1-1  | 0.00162 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.5.2-1  | 0.00162 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-10.5.0-1  | 0.00162 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.1.1-2  | 0.00151 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.1.2-2  | 0.00151 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.1.0-2  | 0.00151 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.2.1-2  | 0.00234 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.2.2-2  | 0.00234 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.2.0-2  | 0.00234 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.3.1-1  | 0.00095 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.3.2-1  | 0.00095 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.3.0-1  | 0.00095 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.4.1-1  | 0.00081 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.4.2-1  | 0.00081 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.4.0-1  | 0.00081 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.5.1-1  | 0.00138 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.5.2-1  | 0.00138 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-11.5.0-1  | 0.00138 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.1.1-1 | 0.00364 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.1.2-1 | 0.00364 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.1.0-1 | 0.00364 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.2.1-1 | 0.00563 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.2.2-1 | 0.00563 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.2.0-1 | 0.00563 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.3.1-1 | 0.00001 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.3.2-1 | 0.00001 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.3.0-1 | 0.00001 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.4.1-1 | 0.00228 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.4.2-1 | 0.00228 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.4.0-1 | 0.00228 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.5.1-1 | 0.00001 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.5.2-1 | 0.00001 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.5.0-1 | 0.00001 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.6.1-1 | 0.00194 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.6.2-1 | 0.00194 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.6.0-1 | 0.00194 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.7.1-1 | 0.00331 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.7.2-1 | 0.00331 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.7.0-1 | 0.00331 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.8.1-1 | 0.00001 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.8.2-1 | 0.00001 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-12.8.0-1 | 0.00001 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.1.1-2 | 0.00212 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.1.2-2 | 0.00212 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.1.0-2 | 0.00212 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.2.1-2 | 0.00267 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.2.2-2 | 0.00267 | 0.32821 | 0.00000 | 0.200 | 0.00000 |

| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DL/SDSP11-13.2.0-2  | 0.00267 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.3.1-2  | 0.00060 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.3.2-2  | 0.00060 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.3.0-2  | 0.00060 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.4.1-2  | 0.00001 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.4.2-2  | 0.00001 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.4.0-2  | 0.00001 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.5.1-3  | 0.00081 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.5.2-3  | 0.00081 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.5.0-2  | 0.00081 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.6.1-3  | 0.00052 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.6.2-3  | 0.00052 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.6.0-2  | 0.00052 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.7.1-3  | 0.00001 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.7.2-3  | 0.00001 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.7.0-2  | 0.00001 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.8.1-3  | 0.00213 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.8.2-3  | 0.00213 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.8.0-2  | 0.00213 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.9.1-3  | 0.00070 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.9.2-3  | 0.00070 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.9.0-2  | 0.00070 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.10.1-3 | 0.00023 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.10.2-3 | 0.00023 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.10.0-2 | 0.00023 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.11.1-3 | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.11.2-3 | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-13.11.0-2 | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.1.1-3  | 0.00554 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.1.2-1  | 0.00554 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.1.0-1  | 0.00554 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.2.1-3  | 0.00070 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.2.2-1  | 0.00070 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.2.0-1  | 0.00070 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.3.1-3  | 0.00063 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.3.2-1  | 0.00063 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.3.0-1  | 0.00063 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.4.1-3  | 0.00032 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.4.2-3  | 0.00032 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.4.0-1  | 0.00032 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.5.1-3  | 0.00060 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.5.2-3  | 0.00060 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.5.0-1  | 0.00060 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.6.1-3  | 0.00117 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.6.2-3  | 0.00117 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.6.0-1  | 0.00117 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.7.1-3  | 0.00110 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.7.2-3  | 0.00110 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.7.0-1  | 0.00110 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.8.1-3  | 0.00020 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.8.2-3  | 0.00020 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.8.0-1  | 0.00020 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.9.1-3  | 0.00081 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.9.2-3  | 0.00081 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.9.0-1  | 0.00081 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.10.1-4 | 0.00026 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.10.2-4 | 0.00026 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.10.0-3 | 0.00026 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.11.1-4 | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.11.2-4 | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-14.11.0-3 | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |



| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DL/SDSP13-15.1.1-3  | 0.00039 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.1.2-3  | 0.00039 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.1.0-3  | 0.00039 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.2.1-3  | 0.00543 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.2.2-3  | 0.00543 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.2.0-3  | 0.00543 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.3.1-3  | 0.00021 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.3.2-3  | 0.00021 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.3.0-3  | 0.00021 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.4.1-3  | 0.00119 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.4.2-3  | 0.00119 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.4.0-3  | 0.00119 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.5.1-3  | 0.00033 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.5.2-3  | 0.00033 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.5.0-3  | 0.00033 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.6.1-3  | 0.00186 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.6.2-3  | 0.00186 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.6.0-3  | 0.00186 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.7.1-3  | 0.00116 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.7.2-3  | 0.00116 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.7.0-3  | 0.00116 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.8.1-3  | 0.00021 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.8.2-3  | 0.00021 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.8.0-3  | 0.00021 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.9.1-3  | 0.00086 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.9.2-3  | 0.00086 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.9.0-3  | 0.00086 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.10.1-4 | 0.00028 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.10.2-3 | 0.00028 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-15.10.0-3 | 0.00028 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.1.1-1  | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.1.2-1  | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.1.0-1  | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.2.1-1  | 0.00042 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.2.2-1  | 0.00042 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.2.0-1  | 0.00042 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.3.1-1  | 0.00600 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.3.2-1  | 0.00600 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.3.0-1  | 0.00600 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.4.1-1  | 0.00126 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.4.2-1  | 0.00126 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.4.0-1  | 0.00126 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.5.1-1  | 0.00234 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.5.2-1  | 0.00234 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.5.0-1  | 0.00234 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.6.1-1  | 0.00123 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.6.2-1  | 0.00123 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.6.0-1  | 0.00123 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.7.1-1  | 0.00129 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.7.2-1  | 0.00129 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP14-16.7.0-1  | 0.00129 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.1.1-4    | 0.00035 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.1.2-4    | 0.00035 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.1.0-4    | 0.00035 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.2.1-4    | 0.00027 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.2.2-3    | 0.00027 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.2.0-3    | 0.00027 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.3.1-4    | 0.00023 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.3.2-3    | 0.00023 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.3.0-3    | 0.00023 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.4.1-4    | 0.00033 | 0.26667 | 0.00000 | 0.200 | 0.00000 |

| CASE             | P       | V       | S       | W     | W*P*V*S |
|------------------|---------|---------|---------|-------|---------|
| DL/SDSP1-4.4.2-3 | 0.00033 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.4.0-3 | 0.00033 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.5.1-4 | 0.00007 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.5.2-2 | 0.00007 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.5.0-2 | 0.00007 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.6.1-4 | 0.00005 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.6.2-2 | 0.00005 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.6.0-2 | 0.00005 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.7.1-4 | 0.00002 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.7.2-2 | 0.00002 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP1-4.7.0-2 | 0.00002 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.1.1-5 | 0.00123 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.1.2-5 | 0.00123 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.1.0-5 | 0.00123 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.2.1-5 | 0.00097 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.2.2-4 | 0.00097 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.2.0-4 | 0.00097 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.3.1-5 | 0.00195 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.3.2-4 | 0.00195 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.3.0-4 | 0.00195 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.4.1-5 | 0.00041 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.4.2-3 | 0.00041 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.4.0-3 | 0.00041 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.5.1-5 | 0.00006 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.5.2-3 | 0.00006 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP2-5.5.0-3 | 0.00006 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.1.1-5 | 0.00212 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.1.2-5 | 0.00212 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.1.0-5 | 0.00212 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.2.1-5 | 0.00254 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.2.2-5 | 0.00254 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.2.0-5 | 0.00254 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.3.1-5 | 0.00208 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.3.2-5 | 0.00208 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.3.0-5 | 0.00208 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.4.1-5 | 0.00205 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.4.2-5 | 0.00205 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.4.0-5 | 0.00205 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.5.1-4 | 0.00100 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.5.2-4 | 0.00100 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP3-6.5.0-4 | 0.00100 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.1.1-4 | 0.00129 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.1.2-4 | 0.00129 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.1.0-4 | 0.00129 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.2.1-4 | 0.00199 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.2.2-4 | 0.00199 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.2.0-4 | 0.00199 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.3.1-4 | 0.00081 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.3.2-4 | 0.00081 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.3.0-4 | 0.00081 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.4.1-3 | 0.00125 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.4.2-3 | 0.00125 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.4.0-3 | 0.00125 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.5.1-2 | 0.00061 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.5.2-2 | 0.00061 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP4-7.5.0-2 | 0.00061 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.1.1-3 | 0.00025 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.1.2-3 | 0.00025 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.1.0-3 | 0.00025 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.2.1-3 | 0.00039 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.2.2-3 | 0.00039 | 0.32821 | 0.00000 | 0.200 | 0.00000 |

| CASE              | P       | V       | S       | W     | W*P*V*S |
|-------------------|---------|---------|---------|-------|---------|
| DL/SDSP5-8.2.0-3  | 0.00039 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.3.1-3  | 0.00016 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.3.2-3  | 0.00016 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.3.0-3  | 0.00016 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.4.1-2  | 0.00024 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.4.2-2  | 0.00024 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.4.0-2  | 0.00024 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.5.1-1  | 0.00012 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.5.2-1  | 0.00012 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP5-8.5.0-4  | 0.00012 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.1.1-2  | 0.00076 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.1.2-2  | 0.00076 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.1.0-2  | 0.00076 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.2.1-2  | 0.00118 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.2.2-2  | 0.00118 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.2.0-2  | 0.00118 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.3.1-1  | 0.00048 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.3.2-1  | 0.00048 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.3.0-1  | 0.00048 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.4.1-1  | 0.00074 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.4.2-1  | 0.00074 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.4.0-1  | 0.00074 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.5.1-1  | 0.00036 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.5.2-1  | 0.00036 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP6-9.5.0-1  | 0.00036 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.1.1-2 | 0.00160 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.1.2-2 | 0.00160 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.1.0-2 | 0.00160 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.2.1-2 | 0.00249 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.2.2-2 | 0.00249 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.2.0-2 | 0.00249 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.3.1-1 | 0.00101 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.3.2-1 | 0.00101 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.3.0-1 | 0.00101 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.4.1-1 | 0.00086 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.4.2-1 | 0.00086 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.4.0-1 | 0.00086 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.5.1-1 | 0.00070 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.5.2-1 | 0.00070 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.5.0-1 | 0.00070 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.6.1-1 | 0.00076 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.6.2-1 | 0.00076 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP7-10.6.0-1 | 0.00076 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.1.1-2 | 0.00029 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.1.2-2 | 0.00029 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.1.0-2 | 0.00029 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.2.1-2 | 0.00045 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.2.2-2 | 0.00045 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.2.0-2 | 0.00045 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.3.1-1 | 0.00018 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.3.2-1 | 0.00018 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.3.0-1 | 0.00018 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.4.1-1 | 0.00015 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.4.2-1 | 0.00015 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.4.0-1 | 0.00015 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.5.1-1 | 0.00026 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.5.2-1 | 0.00026 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP8-11.5.0-1 | 0.00026 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.1.1-1 | 0.00073 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.1.2-1 | 0.00073 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.1.0-1 | 0.00073 | 0.40513 | 0.00000 | 0.200 | 0.00000 |

| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DL/SDSP9-12.2.1-1   | 0.00113 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.2.2-1   | 0.00113 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.2.0-1   | 0.00113 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.3.1-1   | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.3.2-1   | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.3.0-1   | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.4.1-1   | 0.00046 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.4.2-1   | 0.00046 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.4.0-1   | 0.00046 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.5.1-1   | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.5.2-1   | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.5.0-1   | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.6.1-1   | 0.00039 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.6.2-1   | 0.00039 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.6.0-1   | 0.00039 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.7.1-1   | 0.00067 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.7.2-1   | 0.00067 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.7.0-1   | 0.00067 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.8.1-1   | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.8.2-1   | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP9-12.8.0-1   | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.1.1-2  | 0.00107 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.1.2-2  | 0.00107 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.1.0-2  | 0.00107 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.2.1-2  | 0.00135 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.2.2-2  | 0.00135 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.2.0-2  | 0.00135 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.3.1-2  | 0.00030 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.3.2-2  | 0.00030 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.3.0-2  | 0.00030 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.4.1-2  | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.4.2-2  | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.4.0-2  | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.5.1-3  | 0.00041 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.5.2-3  | 0.00041 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.5.0-2  | 0.00041 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.6.1-3  | 0.00026 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.6.2-3  | 0.00026 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.6.0-2  | 0.00026 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.7.1-3  | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.7.2-3  | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.7.0-2  | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.8.1-3  | 0.00057 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.8.2-3  | 0.00057 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.8.0-2  | 0.00057 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.9.1-3  | 0.00050 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.9.2-3  | 0.00050 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.9.0-2  | 0.00050 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.10.1-3 | 0.00035 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.10.2-3 | 0.00035 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.10.0-2 | 0.00035 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.11.1-3 | 0.00011 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.11.2-3 | 0.00011 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.11.0-2 | 0.00011 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.12.1-3 | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.12.2-3 | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP10-13.12.0-2 | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.1.1-3  | 0.00060 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.1.2-1  | 0.00060 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.1.0-1  | 0.00060 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.2.1-3  | 0.00075 | 0.26667 | 0.00000 | 0.200 | 0.00000 |

| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DL/SDSP11-14.2.2-1  | 0.00075 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.2.0-1  | 0.00075 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.3.1-3  | 0.00017 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.3.2-1  | 0.00017 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.3.0-1  | 0.00017 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.4.1-3  | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.4.2-1  | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.4.0-1  | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.5.1-4  | 0.00015 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.5.2-1  | 0.00015 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.5.0-1  | 0.00015 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.6.1-3  | 0.00008 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.6.2-3  | 0.00008 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.6.0-4  | 0.00008 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.7.1-3  | 0.00015 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.7.2-3  | 0.00015 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.7.0-4  | 0.00015 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.8.1-3  | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.8.2-3  | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.8.0-4  | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.9.1-3  | 0.00028 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.9.2-3  | 0.00028 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.9.0-4  | 0.00028 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.10.1-3 | 0.00027 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.10.2-3 | 0.00027 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.10.0-4 | 0.00027 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.11.1-3 | 0.00005 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.11.2-3 | 0.00005 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.11.0-4 | 0.00005 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.12.1-3 | 0.00020 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.12.2-3 | 0.00020 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.12.0-4 | 0.00020 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.13.1-4 | 0.00006 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.13.2-4 | 0.00006 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.13.0-4 | 0.00006 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.14.1-4 | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.14.2-4 | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP11-14.14.0-4 | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.1.1-3  | 0.00012 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.1.2-1  | 0.00012 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.1.0-1  | 0.00012 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.2.1-3  | 0.00167 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.2.2-1  | 0.00167 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.2.0-1  | 0.00167 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.3.1-3  | 0.00006 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.3.2-1  | 0.00006 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.3.0-1  | 0.00006 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.4.1-3  | 0.00016 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.4.2-1  | 0.00016 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.4.0-1  | 0.00016 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.5.1-3  | 0.00020 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.5.2-3  | 0.00020 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.5.0-4  | 0.00020 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.6.1-3  | 0.00010 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.6.2-3  | 0.00010 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.6.0-4  | 0.00010 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.7.1-3  | 0.00019 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.7.2-3  | 0.00019 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.7.0-4  | 0.00019 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.8.1-3  | 0.00038 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.8.2-3  | 0.00038 | 0.32821 | 0.00000 | 0.200 | 0.00000 |

| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DL/SDSP12-15.8.0-4  | 0.00038 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.9.1-3  | 0.00036 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.9.2-3  | 0.00036 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.9.0-4  | 0.00036 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.10.1-3 | 0.00006 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.10.2-3 | 0.00006 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.10.0-4 | 0.00006 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.11.1-3 | 0.00026 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.11.2-3 | 0.00026 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.11.0-4 | 0.00026 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.12.1-4 | 0.00009 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.12.2-4 | 0.00009 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.12.0-1 | 0.00009 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.13.1-4 | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.13.2-4 | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP12-15.13.0-1 | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.1.1-3  | 0.00000 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.1.2-3  | 0.00000 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.1.0-3  | 0.00000 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.2.1-3  | 0.00013 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.2.2-3  | 0.00013 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.2.0-3  | 0.00013 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.3.1-3  | 0.00183 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.3.2-3  | 0.00183 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.3.0-3  | 0.00183 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.4.1-4  | 0.00007 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.4.2-3  | 0.00007 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.4.0-3  | 0.00007 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.5.1-4  | 0.00040 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.5.2-3  | 0.00040 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.5.0-3  | 0.00040 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.6.1-4  | 0.00011 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.6.2-3  | 0.00011 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.6.0-3  | 0.00011 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.7.1-4  | 0.00063 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.7.2-3  | 0.00063 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.7.0-3  | 0.00063 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.8.1-4  | 0.00039 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.8.2-3  | 0.00039 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.8.0-3  | 0.00039 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.9.1-4  | 0.00007 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.9.2-3  | 0.00007 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.9.0-3  | 0.00007 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.10.1-4 | 0.00029 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.10.2-3 | 0.00029 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.10.0-3 | 0.00029 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.11.1-4 | 0.00005 | 0.26667 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.11.2-3 | 0.00005 | 0.32821 | 0.00000 | 0.200 | 0.00000 |
| DL/SDSP13-16.11.0-3 | 0.00005 | 0.40513 | 0.00000 | 0.200 | 0.00000 |
| SUBTOTAL            |         |         |         | 0.200 | 0.01825 |
| DP/SDSP1.1.1        | 0.01424 | 0.21128 | 1.00000 | 0.400 | 0.00120 |
| DP/SDSP1.1.2        | 0.01424 | 0.32821 | 0.56370 | 0.400 | 0.00105 |
| DP/SDSP1.1.0        | 0.01424 | 0.46051 | 0.56370 | 0.400 | 0.00148 |
| DP/SDSP1.2.1        | 0.00443 | 0.21128 | 1.00000 | 0.400 | 0.00037 |
| DP/SDSP1.2.2        | 0.00443 | 0.32821 | 0.43294 | 0.400 | 0.00025 |
| DP/SDSP1.2.0        | 0.00443 | 0.46051 | 0.43294 | 0.400 | 0.00035 |
| DP/SDSP1.3.1        | 0.00057 | 0.21128 | 1.00000 | 0.400 | 0.00005 |
| DP/SDSP1.3.2        | 0.00057 | 0.32821 | 0.43294 | 0.400 | 0.00003 |
| DP/SDSP1.3.0        | 0.00057 | 0.46051 | 0.43294 | 0.400 | 0.00005 |

| CASE           | P       | V       | S       | W     | W*P*V*S |
|----------------|---------|---------|---------|-------|---------|
| DP/SDSP2.1.1-1 | 0.01597 | 0.21128 | 0.98335 | 0.400 | 0.00133 |
| DP/SDSP2.1.2-1 | 0.01597 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2.1.0-1 | 0.01597 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2.2.1-1 | 0.02695 | 0.21128 | 0.43170 | 0.400 | 0.00098 |
| DP/SDSP2.2.2-1 | 0.02695 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2.2.0-1 | 0.02695 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2.3.1-1 | 0.00021 | 0.21128 | 0.43170 | 0.400 | 0.00001 |
| DP/SDSP2.3.2-1 | 0.00021 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2.3.0-1 | 0.00021 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3.1.1-1 | 0.01366 | 0.21128 | 0.29800 | 0.400 | 0.00034 |
| DP/SDSP3.1.2-1 | 0.01366 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3.1.0-1 | 0.01366 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3.2.1-1 | 0.00706 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3.2.2-1 | 0.00706 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3.2.0-1 | 0.00706 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4.1.1-1 | 0.00555 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4.1.2-1 | 0.00555 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4.1.0-1 | 0.00555 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4.2.1-1 | 0.00002 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4.2.2-1 | 0.00002 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4.2.0-1 | 0.00002 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5.1.1-1 | 0.00555 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5.1.2-1 | 0.00555 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5.1.0-1 | 0.00555 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5.2.1-1 | 0.00002 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5.2.2-1 | 0.00002 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5.2.0-1 | 0.00002 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6.1.1-2 | 0.00452 | 0.21128 | 1.00000 | 0.400 | 0.00038 |
| DP/SDSP6.1.2-2 | 0.00452 | 0.32821 | 1.00000 | 0.400 | 0.00059 |
| DP/SDSP6.1.0-2 | 0.00452 | 0.46051 | 1.00000 | 0.400 | 0.00083 |
| DP/SDSP6.2.1-2 | 0.00617 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6.2.2-1 | 0.00617 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6.2.0-1 | 0.00617 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6.3.1-2 | 0.00118 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6.3.2-1 | 0.00118 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6.3.0-1 | 0.00118 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6.4.1-2 | 0.00023 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6.4.2-1 | 0.00023 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6.4.0-1 | 0.00023 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7.1.1-2 | 0.00997 | 0.21128 | 1.00000 | 0.400 | 0.00084 |
| DP/SDSP7.1.2-2 | 0.00997 | 0.32821 | 1.00000 | 0.400 | 0.00131 |
| DP/SDSP7.1.0-2 | 0.00997 | 0.46051 | 1.00000 | 0.400 | 0.00184 |
| DP/SDSP7.2.1-1 | 0.01206 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7.2.2-1 | 0.01206 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7.2.0-1 | 0.01206 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7.3.1-1 | 0.00368 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7.3.2-1 | 0.00368 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7.3.0-1 | 0.00368 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7.4.1-1 | 0.00418 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7.4.2-1 | 0.00418 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7.4.0-1 | 0.00418 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7.5.1-1 | 0.00127 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7.5.2-1 | 0.00127 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7.5.0-1 | 0.00127 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8.1.1-2 | 0.00244 | 0.21128 | 1.00000 | 0.400 | 0.00021 |
| DP/SDSP8.1.2-2 | 0.00244 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8.1.0-2 | 0.00244 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8.2.1-2 | 0.00231 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8.2.2-1 | 0.00231 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8.2.0-1 | 0.00231 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8.3.1-2 | 0.00082 | 0.21128 | 0.00000 | 0.400 | 0.00000 |

| CASE            | P       | V       | S       | W     | W*P*V*S |
|-----------------|---------|---------|---------|-------|---------|
| DP/SDSP8.3.2-2  | 0.00082 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8.3.0-1  | 0.00082 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9.1.1-2  | 0.00705 | 0.21128 | 1.00000 | 0.400 | 0.00060 |
| DP/SDSP9.1.2-2  | 0.00705 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9.1.0-2  | 0.00705 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9.2.1-2  | 0.00817 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9.2.2-1  | 0.00817 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9.2.0-1  | 0.00817 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9.3.1-2  | 0.00550 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9.3.2-2  | 0.00550 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9.3.0-1  | 0.00550 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.1.1-2 | 0.00997 | 0.21128 | 1.00000 | 0.400 | 0.00084 |
| DP/SDSP10.1.2-2 | 0.00997 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.1.0-2 | 0.00997 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.2.1-2 | 0.01206 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.2.2-1 | 0.01206 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.2.0-1 | 0.01206 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.3.1-2 | 0.00368 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.3.2-2 | 0.00368 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.3.0-1 | 0.00368 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.4.1-2 | 0.00253 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.4.2-2 | 0.00253 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.4.0-1 | 0.00253 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.5.1-2 | 0.00292 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.5.2-2 | 0.00292 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10.5.0-1 | 0.00292 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11.1.1-2 | 0.00452 | 0.21128 | 1.00000 | 0.400 | 0.00038 |
| DP/SDSP11.1.2-2 | 0.00452 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11.1.0-2 | 0.00452 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11.2.1-2 | 0.00489 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11.2.2-1 | 0.00489 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11.2.0-1 | 0.00489 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11.3.1-2 | 0.00128 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11.3.2-2 | 0.00128 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11.3.0-1 | 0.00128 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11.4.1-2 | 0.00141 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11.4.2-2 | 0.00141 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11.4.0-1 | 0.00141 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12.1.1-1 | 0.01520 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12.1.2-1 | 0.01520 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12.1.0-1 | 0.01520 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12.2.1-1 | 0.00236 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12.2.2-1 | 0.00236 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12.2.0-1 | 0.00236 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12.3.1-1 | 0.00316 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12.3.2-1 | 0.00316 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12.3.0-1 | 0.00316 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12.4.1-1 | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12.4.2-1 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12.4.0-1 | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13.1.1-3 | 0.01395 | 0.21128 | 1.00000 | 0.400 | 0.00118 |
| DP/SDSP13.1.2-3 | 0.01395 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13.1.0-3 | 0.01395 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13.2.1-3 | 0.00276 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13.2.2-1 | 0.00276 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13.2.0-1 | 0.00276 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13.3.1-3 | 0.00341 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13.3.2-1 | 0.00341 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13.3.0-1 | 0.00341 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13.4.1-1 | 0.00049 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13.4.2-2 | 0.00049 | 0.32821 | 0.00000 | 0.400 | 0.00000 |



| CASE             | P       | V       | S       | W     | W*P*V*S |
|------------------|---------|---------|---------|-------|---------|
| DP/SDSP13.4.0-1  | 0.00049 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13.5.1-1  | 0.00011 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13.5.2-3  | 0.00011 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13.5.0-1  | 0.00011 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14.1.1-1  | 0.01623 | 0.21128 | 0.47363 | 0.400 | 0.00065 |
| DP/SDSP14.1.2-1  | 0.01623 | 0.32821 | 0.47092 | 0.400 | 0.00100 |
| DP/SDSP14.1.0-1  | 0.01623 | 0.46051 | 0.46693 | 0.400 | 0.00140 |
| DP/SDSP14.2.1-1  | 0.00274 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14.2.2-1  | 0.00274 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14.2.0-1  | 0.00274 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14.3.1-1  | 0.00100 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14.3.2-1  | 0.00100 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14.3.0-1  | 0.00100 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14.4.1-1  | 0.00075 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14.4.2-1  | 0.00075 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14.4.0-1  | 0.00075 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP15.1.1-1  | 0.00139 | 0.21128 | 1.00000 | 0.400 | 0.00012 |
| DP/SDSP15.1.2-1  | 0.00139 | 0.32821 | 1.00000 | 0.400 | 0.00018 |
| DP/SDSP15.1.0-1  | 0.00139 | 0.46051 | 1.00000 | 0.400 | 0.00026 |
| DP/SDSP15.2.1-1  | 0.01599 | 0.21128 | 1.00000 | 0.400 | 0.00135 |
| DP/SDSP15.2.2-1  | 0.01599 | 0.32821 | 1.00000 | 0.400 | 0.00210 |
| DP/SDSP15.2.0-1  | 0.01599 | 0.46051 | 1.00000 | 0.400 | 0.00295 |
| DP/SDSP15.3.1-1  | 0.00836 | 0.21128 | 1.00000 | 0.400 | 0.00071 |
| DP/SDSP15.3.2-1  | 0.00836 | 0.32821 | 1.00000 | 0.400 | 0.00110 |
| DP/SDSP15.3.0-1  | 0.00836 | 0.46051 | 1.00000 | 0.400 | 0.00154 |
| DP/SDSP16.1.1    | 0.00000 | 0.21128 | 1.00000 | 0.400 | 0.00000 |
| DP/SDSP16.1.2    | 0.00000 | 0.32821 | 1.00000 | 0.400 | 0.00000 |
| DP/SDSP16.1.0    | 0.00000 | 0.46051 | 1.00000 | 0.400 | 0.00000 |
| DP/SDSP16.2.1    | 0.07440 | 0.21128 | 1.00000 | 0.400 | 0.00629 |
| DP/SDSP16.2.2    | 0.07440 | 0.32821 | 1.00000 | 0.400 | 0.00977 |
| DP/SDSP16.2.0    | 0.07440 | 0.46051 | 1.00000 | 0.400 | 0.01370 |
| DP/SDSP1-2.1.1   | 0.01042 | 0.21128 | 0.22057 | 0.400 | 0.00019 |
| DP/SDSP1-2.1.2   | 0.01042 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-2.1.0   | 0.01042 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-2.2.1-1 | 0.01517 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-2.2.2-1 | 0.01517 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-2.2.0-1 | 0.01517 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-2.3.1-1 | 0.01141 | 0.21128 | 0.12344 | 0.400 | 0.00012 |
| DP/SDSP1-2.3.2-1 | 0.01141 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-2.3.0-1 | 0.01141 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-2.4.1-1 | 0.00125 | 0.21128 | 0.12344 | 0.400 | 0.00001 |
| DP/SDSP1-2.4.2-1 | 0.00125 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-2.4.0-1 | 0.00125 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-2.5.1-1 | 0.00043 | 0.21128 | 0.12344 | 0.400 | 0.00000 |
| DP/SDSP1-2.5.2-1 | 0.00043 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-2.5.0-1 | 0.00043 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-3.1.1   | 0.00986 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-3.1.2   | 0.00986 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-3.1.0   | 0.00986 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-3.2.1-2 | 0.00788 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-3.2.2-2 | 0.00788 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-3.2.0-2 | 0.00788 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-3.3.1-2 | 0.01842 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-3.3.2-2 | 0.01842 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-3.3.0-2 | 0.01842 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-3.4.1-2 | 0.00041 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-3.4.2-2 | 0.00041 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-3.4.0-2 | 0.00041 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-4.1.1   | 0.00836 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-4.1.2-3 | 0.00836 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-4.1.0-3 | 0.00836 | 0.46051 | 0.00000 | 0.400 | 0.00000 |

| CASE             | P       | V       | S       | W     | W*P*V*S |
|------------------|---------|---------|---------|-------|---------|
| DP/SDSP3-4.2.1   | 0.00711 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-4.2.2-3 | 0.00711 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-4.2.0-3 | 0.00711 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-4.3.1-2 | 0.00137 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-4.3.2-2 | 0.00137 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-4.3.0-2 | 0.00137 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-5.1.1   | 0.00896 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-5.1.2-3 | 0.00896 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-5.1.0-3 | 0.00896 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-5.2.1-2 | 0.00062 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-5.2.2-2 | 0.00062 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-5.2.0-2 | 0.00062 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-6.1.1   | 0.00302 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-6.1.2-3 | 0.00302 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-6.1.0-3 | 0.00302 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-6.2.1   | 0.00678 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-6.2.2-3 | 0.00678 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-6.2.0-3 | 0.00678 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-6.3.1   | 0.00268 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-6.3.2-3 | 0.00268 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-6.3.0-3 | 0.00268 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-6.4.1-4 | 0.00103 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-6.4.2-2 | 0.00103 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-6.4.0-2 | 0.00103 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-7.1.1-2 | 0.00598 | 0.21128 | 1.00000 | 0.400 | 0.00051 |
| DP/SDSP6-7.1.2-2 | 0.00598 | 0.32821 | 1.00000 | 0.400 | 0.00079 |
| DP/SDSP6-7.1.0-2 | 0.00598 | 0.46051 | 1.00000 | 0.400 | 0.00110 |
| DP/SDSP6-7.2.1   | 0.00945 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-7.2.2   | 0.00945 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-7.2.0   | 0.00945 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-7.3.1   | 0.00379 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-7.3.2   | 0.00379 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-7.3.0   | 0.00379 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-7.4.1-1 | 0.00556 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-7.4.2-1 | 0.00556 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-7.4.0-1 | 0.00556 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-7.5.1-1 | 0.00243 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-7.5.2-1 | 0.00243 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-7.5.0-1 | 0.00243 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.1.1-2 | 0.00433 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.1.2-2 | 0.00433 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.1.0-2 | 0.00433 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.2.1   | 0.00690 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.2.2-2 | 0.00690 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.2.0-2 | 0.00690 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.3.1-2 | 0.00275 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.3.2-2 | 0.00275 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.3.0-2 | 0.00275 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.4.1-2 | 0.00396 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.4.2-1 | 0.00396 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.4.0-1 | 0.00396 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.5.1-2 | 0.00165 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.5.2-1 | 0.00165 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-8.5.0-1 | 0.00165 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-9.1.1-2 | 0.00374 | 0.21128 | 1.00000 | 0.400 | 0.00032 |
| DP/SDSP8-9.1.2-2 | 0.00374 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-9.1.0-2 | 0.00374 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-9.2.1-2 | 0.00597 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-9.2.2-2 | 0.00597 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-9.2.0-2 | 0.00597 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-9.3.1-2 | 0.00713 | 0.21128 | 0.00000 | 0.400 | 0.00000 |

| CASE               | P       | V       | S       | W     | W*P*V*S |
|--------------------|---------|---------|---------|-------|---------|
| DP/SDSP8-9.3.2-2   | 0.00713 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-9.3.0-1   | 0.00713 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.1.1-2  | 0.00731 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.1.2-2  | 0.00731 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.1.0-2  | 0.00731 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.2.1-2  | 0.01151 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.2.2-2  | 0.01151 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.2.0-2  | 0.01151 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.3.1-2  | 0.00463 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.3.2-2  | 0.00463 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.3.0-1  | 0.00463 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.4.1-2  | 0.00383 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.4.2-2  | 0.00383 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.4.0-1  | 0.00383 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.5.1-2  | 0.00609 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.5.2-2  | 0.00609 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-10.5.0-1  | 0.00609 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.1.1-2 | 0.00598 | 0.21128 | 1.00000 | 0.400 | 0.00051 |
| DP/SDSP10-11.1.2-2 | 0.00598 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.1.0-2 | 0.00598 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.2.1-2 | 0.00945 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.2.2-2 | 0.00945 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.2.0-2 | 0.00945 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.3.1-2 | 0.00379 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.3.2-2 | 0.00379 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.3.0-2 | 0.00379 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.4.1-2 | 0.00312 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.4.2-2 | 0.00312 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.4.0-1 | 0.00312 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.5.1-2 | 0.00487 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.5.2-2 | 0.00487 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-11.5.0-1 | 0.00487 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.1.1-2 | 0.00518 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.1.2-1 | 0.00518 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.1.0-1 | 0.00518 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.2.1-2 | 0.00819 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.2.2-1 | 0.00819 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.2.0-1 | 0.00819 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.3.1-2 | 0.00002 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.3.2-1 | 0.00002 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.3.0-1 | 0.00002 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.4.1-2 | 0.00327 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.4.2-2 | 0.00327 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.4.0-1 | 0.00327 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.5.1-2 | 0.00002 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.5.2-2 | 0.00002 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.5.0-1 | 0.00002 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.6.1-2 | 0.00683 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.6.2-2 | 0.00683 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.6.0-1 | 0.00683 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.7.1-2 | 0.00001 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.7.2-2 | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-12.7.0-1 | 0.00001 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.1.1-3 | 0.01456 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.1.2-2 | 0.01456 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.1.0-2 | 0.01456 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.2.1-3 | 0.00184 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.2.2-2 | 0.00184 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.2.0-2 | 0.00184 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.3.1-3 | 0.00248 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.3.2-3 | 0.00248 | 0.32821 | 0.00000 | 0.400 | 0.00000 |

| CASE               | P       | V       | S       | W     | W*P*V*S |
|--------------------|---------|---------|---------|-------|---------|
| DP/SDSP12-13.3.0-2 | 0.00248 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.4.1-3 | 0.00156 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.4.2-3 | 0.00156 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.4.0-2 | 0.00156 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.5.1-3 | 0.00615 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.5.2-3 | 0.00615 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.5.0-2 | 0.00615 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.6.1-3 | 0.00185 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.6.2-3 | 0.00185 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.6.0-2 | 0.00185 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.7.1-3 | 0.00056 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.7.2-3 | 0.00056 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.7.0-2 | 0.00056 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.8.1-3 | 0.00001 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.8.2-3 | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-13.8.0-2 | 0.00001 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.1.1-4 | 0.01456 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.1.2-3 | 0.01456 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.1.0-3 | 0.01456 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.2.1-4 | 0.00349 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.2.2-3 | 0.00349 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.2.0-3 | 0.00349 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.3.1-4 | 0.00083 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.3.2-3 | 0.00083 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.3.0-3 | 0.00083 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.4.1-4 | 0.00455 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.4.2-3 | 0.00455 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.4.0-3 | 0.00455 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.5.1-4 | 0.00269 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.5.2-3 | 0.00269 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.5.0-3 | 0.00269 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.6.1-4 | 0.00047 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.6.2-3 | 0.00047 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.6.0-3 | 0.00047 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.7.1-4 | 0.00185 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.7.2-3 | 0.00185 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.7.0-2 | 0.00185 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.8.1-4 | 0.00057 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.8.2-3 | 0.00057 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-14.8.0-3 | 0.00057 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.1.1-1 | 0.00104 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.1.2-1 | 0.00104 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.1.0-1 | 0.00104 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.2.1-1 | 0.01521 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.2.2-1 | 0.01521 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.2.0-1 | 0.01521 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.3.1-1 | 0.00320 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.3.2-1 | 0.00320 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.3.0-1 | 0.00320 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.4.1-1 | 0.00581 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.4.2-1 | 0.00581 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.4.0-1 | 0.00581 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.5.1-1 | 0.00292 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.5.2-1 | 0.00292 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.5.0-1 | 0.00292 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.6.1-1 | 0.00315 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.6.2-1 | 0.00315 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-15.6.0-1 | 0.00315 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP15-16.1.1-1 | 0.00000 | 0.21128 | 1.00000 | 0.400 | 0.00000 |
| DP/SDSP15-16.1.2-1 | 0.00000 | 0.32821 | 1.00000 | 0.400 | 0.00000 |
| DP/SDSP15-16.1.0-1 | 0.00000 | 0.46051 | 1.00000 | 0.400 | 0.00000 |

| CASE               | P       | V       | S       | W     | W*P*V*S |
|--------------------|---------|---------|---------|-------|---------|
| DP/SDSP15-16.2.1-1 | 0.00146 | 0.21128 | 1.00000 | 0.400 | 0.00012 |
| DP/SDSP15-16.2.2-1 | 0.00146 | 0.32821 | 1.00000 | 0.400 | 0.00019 |
| DP/SDSP15-16.2.0-1 | 0.00146 | 0.46051 | 1.00000 | 0.400 | 0.00027 |
| DP/SDSP15-16.3.1-1 | 0.02127 | 0.21128 | 1.00000 | 0.400 | 0.00180 |
| DP/SDSP15-16.3.2-1 | 0.02127 | 0.32821 | 1.00000 | 0.400 | 0.00279 |
| DP/SDSP15-16.3.0-1 | 0.02127 | 0.46051 | 1.00000 | 0.400 | 0.00392 |
| DP/SDSP15-16.4.1-1 | 0.02098 | 0.21128 | 1.00000 | 0.400 | 0.00177 |
| DP/SDSP15-16.4.2-1 | 0.02098 | 0.32821 | 1.00000 | 0.400 | 0.00275 |
| DP/SDSP15-16.4.0-1 | 0.02098 | 0.46051 | 1.00000 | 0.400 | 0.00386 |
| DP/SDSP1-3.1.1     | 0.00164 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.1.2     | 0.00164 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.1.0     | 0.00164 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.2.1-2   | 0.00129 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.2.2-2   | 0.00129 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.2.0-2   | 0.00129 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.3.1-2   | 0.00107 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.3.2-2   | 0.00107 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.3.0-2   | 0.00107 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.4.1-2   | 0.00186 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.4.2-2   | 0.00186 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.4.0-2   | 0.00186 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.5.1-2   | 0.00022 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.5.2-2   | 0.00022 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.5.0-2   | 0.00022 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.6.1-2   | 0.00008 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.6.2-2   | 0.00008 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-3.6.0-2   | 0.00008 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.1.1     | 0.00231 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.1.2-4   | 0.00231 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.1.0-4   | 0.00231 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.2.1-4   | 0.00183 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.2.2-3   | 0.00183 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.2.0-3   | 0.00183 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.3.1-4   | 0.00368 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.3.2-3   | 0.00368 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.3.0-3   | 0.00368 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.4.1-4   | 0.00078 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.4.2-2   | 0.00078 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.4.0-2   | 0.00078 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.5.1-4   | 0.00011 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.5.2-2   | 0.00011 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-4.5.0-2   | 0.00011 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-5.1.1     | 0.00579 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-5.1.2-4   | 0.00579 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-5.1.0-4   | 0.00579 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-5.2.1     | 0.00514 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-5.2.2-4   | 0.00514 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-5.2.0-4   | 0.00514 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-5.3.1-3   | 0.00125 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-5.3.2-3   | 0.00125 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-5.3.0-3   | 0.00125 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-6.1.1     | 0.00216 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-6.1.2-4   | 0.00216 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-6.1.0-4   | 0.00216 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-6.2.1     | 0.00472 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-6.2.2-4   | 0.00472 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-6.2.0-4   | 0.00472 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-6.3.1     | 0.00210 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-6.3.2-4   | 0.00210 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-6.3.0-4   | 0.00210 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-6.4.1-5   | 0.00103 | 0.21128 | 0.00000 | 0.400 | 0.00000 |

| CASE              | P       | V       | S       | W     | W*P*V*S |
|-------------------|---------|---------|---------|-------|---------|
| DP/SDSP4-6.4.2-3  | 0.00103 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-6.4.0-3  | 0.00103 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.1.1    | 0.00235 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.1.2-3  | 0.00235 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.1.0-3  | 0.00235 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.2.1    | 0.00364 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.2.2-3  | 0.00364 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.2.0-3  | 0.00364 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.3.1    | 0.00148 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.3.2-3  | 0.00148 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.3.0-3  | 0.00148 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.4.1-2  | 0.00228 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.4.2-2  | 0.00228 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.4.0-2  | 0.00228 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.5.1-1  | 0.00112 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.5.2-4  | 0.00112 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-7.5.0-4  | 0.00112 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.1.1-2  | 0.00104 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.1.2-2  | 0.00104 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.1.0-2  | 0.00104 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.2.1-2  | 0.00160 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.2.2-2  | 0.00160 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.2.0-2  | 0.00160 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.3.1-2  | 0.00065 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.3.2-2  | 0.00065 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.3.0-2  | 0.00065 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.4.1-2  | 0.00101 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.4.2-1  | 0.00101 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.4.0-1  | 0.00101 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.5.1-1  | 0.00049 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.5.2-2  | 0.00049 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-8.5.0-2  | 0.00049 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.1.1-2  | 0.00475 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.1.2-2  | 0.00475 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.1.0-2  | 0.00475 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.2.1    | 0.00736 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.2.2-2  | 0.00736 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.2.0-2  | 0.00736 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.3.1-2  | 0.00299 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.3.2-1  | 0.00299 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.3.0-1  | 0.00299 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.4.1-2  | 0.00461 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.4.2-1  | 0.00461 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.4.0-1  | 0.00461 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.5.1-2  | 0.00226 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.5.2-1  | 0.00226 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-9.5.0-1  | 0.00226 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.1.1-2 | 0.00177 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.1.2-2 | 0.00177 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.1.0-2 | 0.00177 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.2.1-2 | 0.00275 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.2.2-2 | 0.00275 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.2.0-2 | 0.00275 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.3.1-2 | 0.00112 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.3.2-2 | 0.00112 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.3.0-1 | 0.00112 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.4.1-2 | 0.00095 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.4.2-2 | 0.00095 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.4.0-1 | 0.00095 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.5.1-2 | 0.00162 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-10.5.2-2 | 0.00162 | 0.32821 | 0.00000 | 0.400 | 0.00000 |

| CASE               | P       | V       | S       | W     | W*P*V*S |
|--------------------|---------|---------|---------|-------|---------|
| DP/SDSP8-10.5.0-1  | 0.00162 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.1.1-2  | 0.00151 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.1.2-2  | 0.00151 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.1.0-2  | 0.00151 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.2.1-2  | 0.00234 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.2.2-2  | 0.00234 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.2.0-2  | 0.00234 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.3.1-2  | 0.00095 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.3.2-2  | 0.00095 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.3.0-1  | 0.00095 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.4.1-2  | 0.00081 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.4.2-2  | 0.00081 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.4.0-1  | 0.00081 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.5.1-2  | 0.00138 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.5.2-2  | 0.00138 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-11.5.0-1  | 0.00138 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.1.1-2 | 0.00364 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.1.2-1 | 0.00364 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.1.0-1 | 0.00364 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.2.1-2 | 0.00563 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.2.2-1 | 0.00563 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.2.0-1 | 0.00563 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.3.1-2 | 0.00001 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.3.2-1 | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.3.0-1 | 0.00001 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.4.1-2 | 0.00228 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.4.2-2 | 0.00228 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.4.0-1 | 0.00228 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.5.1-2 | 0.00001 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.5.2-2 | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.5.0-1 | 0.00001 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.6.1-2 | 0.00194 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.6.2-2 | 0.00194 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.6.0-1 | 0.00194 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.7.1-2 | 0.00331 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.7.2-2 | 0.00331 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.7.0-1 | 0.00331 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.8.1-2 | 0.00001 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.8.2-2 | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-12.8.0-1 | 0.00001 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.1.1-3 | 0.00212 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.1.2-2 | 0.00212 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.1.0-2 | 0.00212 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.2.1-3 | 0.00267 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.2.2-2 | 0.00267 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.2.0-2 | 0.00267 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.3.1-3 | 0.00060 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.3.2-2 | 0.00060 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.3.0-2 | 0.00060 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.4.1-3 | 0.00001 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.4.2-2 | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.4.0-2 | 0.00001 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.5.1-3 | 0.00081 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.5.2-3 | 0.00081 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.5.0-2 | 0.00081 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.6.1-3 | 0.00052 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.6.2-3 | 0.00052 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.6.0-2 | 0.00052 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.7.1-3 | 0.00001 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.7.2-3 | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.7.0-2 | 0.00001 | 0.46051 | 0.00000 | 0.400 | 0.00000 |

| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DP/SDSP11-13.8.1-3  | 0.00213 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.8.2-3  | 0.00213 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.8.0-2  | 0.00213 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.9.1-3  | 0.00070 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.9.2-3  | 0.00070 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.9.0-2  | 0.00070 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.10.1-3 | 0.00023 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.10.2-3 | 0.00023 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.10.0-2 | 0.00023 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.11.1-3 | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.11.2-3 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-13.11.0-2 | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.1.1-4  | 0.00554 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.1.2-1  | 0.00554 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.1.0-1  | 0.00554 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.2.1-4  | 0.00070 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.2.2-1  | 0.00070 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.2.0-1  | 0.00070 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.3.1-4  | 0.00063 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.3.2-4  | 0.00063 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.3.0-1  | 0.00063 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.4.1-4  | 0.00032 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.4.2-4  | 0.00032 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.4.0-4  | 0.00032 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.5.1-4  | 0.00060 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.5.2-4  | 0.00060 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.5.0-4  | 0.00060 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.6.1-4  | 0.00117 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.6.2-4  | 0.00117 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.6.0-4  | 0.00117 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.7.1-4  | 0.00110 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.7.2-4  | 0.00110 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.7.0-4  | 0.00110 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.8.1-4  | 0.00020 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.8.2-4  | 0.00020 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.8.0-4  | 0.00020 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.9.1-4  | 0.00081 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.9.2-4  | 0.00081 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.9.0-4  | 0.00081 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.10.1-4 | 0.00026 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.10.2-4 | 0.00026 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.10.0-4 | 0.00026 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.11.1-4 | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.11.2-4 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-14.11.0-4 | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.1.1-4  | 0.00039 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.1.2-3  | 0.00039 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.1.0-3  | 0.00039 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.2.1-4  | 0.00543 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.2.2-3  | 0.00543 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.2.0-3  | 0.00543 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.3.1-4  | 0.00021 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.3.2-3  | 0.00021 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.3.0-3  | 0.00021 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.4.1-4  | 0.00119 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.4.2-3  | 0.00119 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.4.0-3  | 0.00119 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.5.1-4  | 0.00033 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.5.2-3  | 0.00033 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.5.0-3  | 0.00033 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.6.1-4  | 0.00186 | 0.21128 | 0.00000 | 0.400 | 0.00000 |



| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DP/SDSP13-15.6.2-3  | 0.00186 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.6.0-3  | 0.00186 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.7.1-4  | 0.00116 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.7.2-3  | 0.00116 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.7.0-3  | 0.00116 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.8.1-4  | 0.00021 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.8.2-3  | 0.00021 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.8.0-3  | 0.00021 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.9.1-4  | 0.00086 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.9.2-3  | 0.00086 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.9.0-3  | 0.00086 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.10.1-4 | 0.00028 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.10.2-3 | 0.00028 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-15.10.0-3 | 0.00028 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.1.1-1  | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.1.2-1  | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.1.0-1  | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.2.1-1  | 0.00042 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.2.2-1  | 0.00042 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.2.0-1  | 0.00042 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.3.1-1  | 0.00600 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.3.2-1  | 0.00600 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.3.0-1  | 0.00600 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.4.1-1  | 0.00126 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.4.2-1  | 0.00126 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.4.0-1  | 0.00126 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.5.1-1  | 0.00234 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.5.2-1  | 0.00234 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.5.0-1  | 0.00234 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.6.1-1  | 0.00123 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.6.2-1  | 0.00123 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.6.0-1  | 0.00123 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.7.1-1  | 0.00129 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.7.2-1  | 0.00129 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP14-16.7.0-1  | 0.00129 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.1.1      | 0.00035 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.1.2-4    | 0.00035 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.1.0-4    | 0.00035 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.2.1-4    | 0.00027 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.2.2-3    | 0.00027 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.2.0-3    | 0.00027 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.3.1-4    | 0.00023 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.3.2-3    | 0.00023 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.3.0-3    | 0.00023 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.4.1-4    | 0.00033 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.4.2-3    | 0.00033 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.4.0-3    | 0.00033 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.5.1-4    | 0.00007 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.5.2-2    | 0.00007 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.5.0-2    | 0.00007 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.6.1-4    | 0.00005 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.6.2-2    | 0.00005 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.6.0-2    | 0.00005 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.7.1-4    | 0.00002 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.7.2-2    | 0.00002 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP1-4.7.0-2    | 0.00002 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.1.1      | 0.00123 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.1.2-5    | 0.00123 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.1.0-5    | 0.00123 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.2.1-5    | 0.00097 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.2.2-4    | 0.00097 | 0.32821 | 0.00000 | 0.400 | 0.00000 |

| CASE             | P       | V       | S       | W     | W*P*V*S |
|------------------|---------|---------|---------|-------|---------|
| DP/SDSP2-5.2.0-4 | 0.00097 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.3.1-5 | 0.00195 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.3.2-4 | 0.00195 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.3.0-4 | 0.00195 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.4.1-5 | 0.00041 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.4.2-3 | 0.00041 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.4.0-3 | 0.00041 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.5.1-5 | 0.00006 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.5.2-3 | 0.00006 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP2-5.5.0-3 | 0.00006 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.1.1   | 0.00212 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.1.2-5 | 0.00212 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.1.0-5 | 0.00212 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.2.1   | 0.00254 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.2.2-5 | 0.00254 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.2.0-5 | 0.00254 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.3.1   | 0.00208 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.3.2-5 | 0.00208 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.3.0-5 | 0.00208 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.4.1   | 0.00205 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.4.2-5 | 0.00205 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.4.0-5 | 0.00205 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.5.1-4 | 0.00100 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.5.2-4 | 0.00100 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP3-6.5.0-4 | 0.00100 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.1.1   | 0.00129 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.1.2-4 | 0.00129 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.1.0-4 | 0.00129 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.2.1   | 0.00199 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.2.2-4 | 0.00199 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.2.0-4 | 0.00199 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.3.1   | 0.00081 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.3.2-4 | 0.00081 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.3.0-4 | 0.00081 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.4.1-3 | 0.00125 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.4.2-3 | 0.00125 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.4.0-3 | 0.00125 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.5.1-2 | 0.00061 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.5.2-5 | 0.00061 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP4-7.5.0-5 | 0.00061 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.1.1   | 0.00025 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.1.2-3 | 0.00025 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.1.0-3 | 0.00025 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.2.1   | 0.00039 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.2.2-3 | 0.00039 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.2.0-3 | 0.00039 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.3.1-3 | 0.00016 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.3.2-3 | 0.00016 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.3.0-3 | 0.00016 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.4.1-2 | 0.00024 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.4.2-2 | 0.00024 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.4.0-2 | 0.00024 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.5.1-1 | 0.00012 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.5.2-4 | 0.00012 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP5-8.5.0-4 | 0.00012 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.1.1-2 | 0.00076 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.1.2-2 | 0.00076 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.1.0-2 | 0.00076 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.2.1-2 | 0.00118 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.2.2-2 | 0.00118 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.2.0-2 | 0.00118 | 0.46051 | 0.00000 | 0.400 | 0.00000 |

| CASE              | P       | V       | S       | W     | W*P*V*S |
|-------------------|---------|---------|---------|-------|---------|
| DP/SDSP6-9.3.1-2  | 0.00048 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.3.2-1  | 0.00048 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.3.0-1  | 0.00048 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.4.1-2  | 0.00074 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.4.2-1  | 0.00074 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.4.0-1  | 0.00074 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.5.1-1  | 0.00036 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.5.2-2  | 0.00036 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP6-9.5.0-2  | 0.00036 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.1.1-2 | 0.00160 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.1.2-2 | 0.00160 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.1.0-2 | 0.00160 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.2.1-2 | 0.00249 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.2.2-2 | 0.00249 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.2.0-2 | 0.00249 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.3.1-2 | 0.00101 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.3.2-1 | 0.00101 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.3.0-1 | 0.00101 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.4.1-2 | 0.00086 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.4.2-1 | 0.00086 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.4.0-1 | 0.00086 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.5.1-2 | 0.00070 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.5.2-1 | 0.00070 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.5.0-1 | 0.00070 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.6.1-2 | 0.00076 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.6.2-1 | 0.00076 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP7-10.6.0-1 | 0.00076 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.1.1-2 | 0.00029 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.1.2-2 | 0.00029 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.1.0-2 | 0.00029 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.2.1-2 | 0.00045 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.2.2-2 | 0.00045 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.2.0-2 | 0.00045 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.3.1-2 | 0.00018 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.3.2-2 | 0.00018 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.3.0-1 | 0.00018 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.4.1-2 | 0.00015 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.4.2-2 | 0.00015 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.4.0-1 | 0.00015 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.5.1-2 | 0.00026 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.5.2-2 | 0.00026 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP8-11.5.0-1 | 0.00026 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.1.1-2 | 0.00073 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.1.2-1 | 0.00073 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.1.0-1 | 0.00073 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.2.1-2 | 0.00113 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.2.2-1 | 0.00113 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.2.0-1 | 0.00113 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.3.1-2 | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.3.2-1 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.3.0-1 | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.4.1-2 | 0.00046 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.4.2-2 | 0.00046 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.4.0-1 | 0.00046 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.5.1-2 | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.5.2-2 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.5.0-1 | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.6.1-2 | 0.00039 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.6.2-2 | 0.00039 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.6.0-1 | 0.00039 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.7.1-2 | 0.00067 | 0.21128 | 0.00000 | 0.400 | 0.00000 |

| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DP/SDSP9-12.7.2-2   | 0.00067 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.7.0-1   | 0.00067 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.8.1-2   | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.8.2-2   | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP9-12.8.0-1   | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.1.1-3  | 0.00107 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.1.2-2  | 0.00107 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.1.0-2  | 0.00107 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.2.1-3  | 0.00135 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.2.2-2  | 0.00135 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.2.0-2  | 0.00135 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.3.1-3  | 0.00030 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.3.2-2  | 0.00030 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.3.0-2  | 0.00030 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.4.1-3  | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.4.2-2  | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.4.0-2  | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.5.1-3  | 0.00041 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.5.2-3  | 0.00041 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.5.0-2  | 0.00041 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.6.1-3  | 0.00026 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.6.2-3  | 0.00026 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.6.0-2  | 0.00026 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.7.1-3  | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.7.2-3  | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.7.0-2  | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.8.1-3  | 0.00057 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.8.2-3  | 0.00057 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.8.0-2  | 0.00057 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.9.1-3  | 0.00050 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.9.2-3  | 0.00050 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.9.0-2  | 0.00050 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.10.1-3 | 0.00035 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.10.2-3 | 0.00035 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.10.0-2 | 0.00035 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.11.1-3 | 0.00011 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.11.2-3 | 0.00011 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.11.0-2 | 0.00011 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.12.1-3 | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.12.2-3 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP10-13.12.0-2 | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.1.1-4  | 0.00060 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.1.2-1  | 0.00060 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.1.0-1  | 0.00060 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.2.1-4  | 0.00075 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.2.2-1  | 0.00075 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.2.0-1  | 0.00075 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.3.1-4  | 0.00017 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.3.2-1  | 0.00017 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.3.0-1  | 0.00017 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.4.1-4  | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.4.2-1  | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.4.0-1  | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.5.1-4  | 0.00015 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.5.2-4  | 0.00015 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.5.0-3  | 0.00015 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.6.1-4  | 0.00008 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.6.2-4  | 0.00008 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.6.0-4  | 0.00008 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.7.1-4  | 0.00015 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.7.2-4  | 0.00015 | 0.32821 | 0.00000 | 0.400 | 0.00000 |

| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DP/SDSP11-14.7.0-4  | 0.00015 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.8.1-4  | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.8.2-4  | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.8.0-4  | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.9.1-4  | 0.00028 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.9.2-4  | 0.00028 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.9.0-4  | 0.00028 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.10.1-4 | 0.00027 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.10.2-4 | 0.00027 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.10.0-4 | 0.00027 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.11.1-4 | 0.00005 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.11.2-4 | 0.00005 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.11.0-4 | 0.00005 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.12.1-4 | 0.00020 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.12.2-4 | 0.00020 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.12.0-4 | 0.00020 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.13.1-4 | 0.00006 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.13.2-4 | 0.00006 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.13.0-1 | 0.00006 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.14.1-4 | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.14.2-4 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP11-14.14.0-1 | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.1.1-4  | 0.00012 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.1.2-1  | 0.00012 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.1.0-1  | 0.00012 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.2.1-4  | 0.00167 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.2.2-1  | 0.00167 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.2.0-1  | 0.00167 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.3.1-4  | 0.00006 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.3.2-1  | 0.00006 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.3.0-1  | 0.00006 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.4.1-4  | 0.00016 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.4.2-1  | 0.00016 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.4.0-1  | 0.00016 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.5.1-4  | 0.00020 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.5.2-4  | 0.00020 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.5.0-1  | 0.00020 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.6.1-4  | 0.00010 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.6.2-4  | 0.00010 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.6.0-1  | 0.00010 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.7.1-4  | 0.00019 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.7.2-4  | 0.00019 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.7.0-1  | 0.00019 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.8.1-4  | 0.00038 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.8.2-4  | 0.00038 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.8.0-1  | 0.00038 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.9.1-4  | 0.00036 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.9.2-4  | 0.00036 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.9.0-1  | 0.00036 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.10.1-4 | 0.00006 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.10.2-4 | 0.00006 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.10.0-1 | 0.00006 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.11.1-4 | 0.00026 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.11.2-4 | 0.00026 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.11.0-1 | 0.00026 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.12.1-4 | 0.00009 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.12.2-4 | 0.00009 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.12.0-1 | 0.00009 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.13.1-4 | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.13.2-4 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP12-15.13.0-1 | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |

| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DP/SDSP13-16.1.1-4  | 0.00000 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.1.2-3  | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.1.0-3  | 0.00000 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.2.1-4  | 0.00013 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.2.2-3  | 0.00013 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.2.0-3  | 0.00013 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.3.1-4  | 0.00183 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.3.2-3  | 0.00183 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.3.0-3  | 0.00183 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.4.1-4  | 0.00007 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.4.2-3  | 0.00007 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.4.0-3  | 0.00007 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.5.1-4  | 0.00040 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.5.2-3  | 0.00040 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.5.0-3  | 0.00040 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.6.1-4  | 0.00011 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.6.2-3  | 0.00011 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.6.0-3  | 0.00011 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.7.1-4  | 0.00063 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.7.2-3  | 0.00063 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.7.0-3  | 0.00063 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.8.1-4  | 0.00039 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.8.2-3  | 0.00039 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.8.0-3  | 0.00039 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.9.1-4  | 0.00007 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.9.2-3  | 0.00007 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.9.0-3  | 0.00007 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.10.1-4 | 0.00029 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.10.2-3 | 0.00029 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.10.0-3 | 0.00029 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.11.1-4 | 0.00005 | 0.21128 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.11.2-3 | 0.00005 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DP/SDSP13-16.11.0-3 | 0.00005 | 0.46051 | 0.00000 | 0.400 | 0.00000 |
| SUBTOTAL            |         |         |         | 0.400 | 0.08063 |
| DS/SDSP1.1.1        | 0.01424 | 0.17436 | 1.00000 | 0.400 | 0.00099 |
| DS/SDSP1.1.2        | 0.01424 | 0.32821 | 0.96301 | 0.400 | 0.00180 |
| DS/SDSP1.1.0        | 0.01424 | 0.49744 | 0.96301 | 0.400 | 0.00273 |
| DS/SDSP1.2.1        | 0.00443 | 0.17436 | 1.00000 | 0.400 | 0.00031 |
| DS/SDSP1.2.2        | 0.00443 | 0.32821 | 0.91470 | 0.400 | 0.00053 |
| DS/SDSP1.2.0        | 0.00443 | 0.49744 | 0.91470 | 0.400 | 0.00081 |
| DS/SDSP1.3.1        | 0.00057 | 0.17436 | 1.00000 | 0.400 | 0.00004 |
| DS/SDSP1.3.2        | 0.00057 | 0.32821 | 0.91470 | 0.400 | 0.00007 |
| DS/SDSP1.3.0        | 0.00057 | 0.49744 | 0.91470 | 0.400 | 0.00010 |
| DS/SDSP2.1.1-1      | 0.01597 | 0.17436 | 1.00000 | 0.400 | 0.00111 |
| DS/SDSP2.1.2-1      | 0.01597 | 0.32821 | 0.91230 | 0.400 | 0.00191 |
| DS/SDSP2.1.0-1      | 0.01597 | 0.49744 | 0.91230 | 0.400 | 0.00290 |
| DS/SDSP2.2.1-1      | 0.02695 | 0.17436 | 0.95449 | 0.400 | 0.00179 |
| DS/SDSP2.2.2-1      | 0.02695 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2.2.0-1      | 0.02695 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2.3.1-1      | 0.00021 | 0.17436 | 0.95449 | 0.400 | 0.00001 |
| DS/SDSP2.3.2-1      | 0.00021 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2.3.0-1      | 0.00021 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3.1.1-1      | 0.01366 | 0.17436 | 0.85942 | 0.400 | 0.00082 |
| DS/SDSP3.1.2-1      | 0.01366 | 0.32821 | 0.50804 | 0.400 | 0.00091 |
| DS/SDSP3.1.0-1      | 0.01366 | 0.49744 | 0.50804 | 0.400 | 0.00138 |
| DS/SDSP3.2.1-1      | 0.00706 | 0.17436 | 0.78167 | 0.400 | 0.00038 |
| DS/SDSP3.2.2-1      | 0.00706 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3.2.0-1      | 0.00706 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4.1.1-1      | 0.00555 | 0.17436 | 0.76344 | 0.400 | 0.00030 |

| CASE            | P       | V       | S       | W     | W*P*V*S |
|-----------------|---------|---------|---------|-------|---------|
| DS/SDSP4.1.2-1  | 0.00555 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4.1.0-1  | 0.00555 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4.2.1-1  | 0.00002 | 0.17436 | 0.90201 | 0.400 | 0.00000 |
| DS/SDSP4.2.2-1  | 0.00002 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4.2.0-1  | 0.00002 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5.1.1-1  | 0.00555 | 0.17436 | 0.75972 | 0.400 | 0.00029 |
| DS/SDSP5.1.2-1  | 0.00555 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5.1.0-1  | 0.00555 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5.2.1-1  | 0.00002 | 0.17436 | 0.87677 | 0.400 | 0.00000 |
| DS/SDSP5.2.2-1  | 0.00002 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5.2.0-1  | 0.00002 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6.1.1-2  | 0.00452 | 0.17436 | 1.00000 | 0.400 | 0.00031 |
| DS/SDSP6.1.2-2  | 0.00452 | 0.32821 | 1.00000 | 0.400 | 0.00059 |
| DS/SDSP6.1.0-2  | 0.00452 | 0.49744 | 1.00000 | 0.400 | 0.00090 |
| DS/SDSP6.2.1-2  | 0.00617 | 0.17436 | 0.22520 | 0.400 | 0.00010 |
| DS/SDSP6.2.2-2  | 0.00617 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6.2.0-2  | 0.00617 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6.3.1-2  | 0.00118 | 0.17436 | 0.22520 | 0.400 | 0.00002 |
| DS/SDSP6.3.2-1  | 0.00118 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6.3.0-1  | 0.00118 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6.4.1-2  | 0.00023 | 0.17436 | 0.22520 | 0.400 | 0.00000 |
| DS/SDSP6.4.2-1  | 0.00023 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6.4.0-1  | 0.00023 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7.1.1-2  | 0.00997 | 0.17436 | 1.00000 | 0.400 | 0.00070 |
| DS/SDSP7.1.2-2  | 0.00997 | 0.32821 | 1.00000 | 0.400 | 0.00131 |
| DS/SDSP7.1.0-2  | 0.00997 | 0.49744 | 1.00000 | 0.400 | 0.00198 |
| DS/SDSP7.2.1-1  | 0.01206 | 0.17436 | 0.16006 | 0.400 | 0.00013 |
| DS/SDSP7.2.2-1  | 0.01206 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7.2.0-1  | 0.01206 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7.3.1-1  | 0.00368 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7.3.2-1  | 0.00368 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7.3.0-1  | 0.00368 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7.4.1-1  | 0.00418 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7.4.2-1  | 0.00418 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7.4.0-1  | 0.00418 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7.5.1-1  | 0.00127 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7.5.2-1  | 0.00127 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7.5.0-1  | 0.00127 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8.1.1-2  | 0.00244 | 0.17436 | 1.00000 | 0.400 | 0.00017 |
| DS/SDSP8.1.2-2  | 0.00244 | 0.32821 | 0.87448 | 0.400 | 0.00028 |
| DS/SDSP8.1.0-2  | 0.00244 | 0.49744 | 0.87459 | 0.400 | 0.00042 |
| DS/SDSP8.2.1-2  | 0.00231 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8.2.2-1  | 0.00231 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8.2.0-1  | 0.00231 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8.3.1-2  | 0.00082 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8.3.2-2  | 0.00082 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8.3.0-1  | 0.00082 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9.1.1-2  | 0.00705 | 0.17436 | 1.00000 | 0.400 | 0.00049 |
| DS/SDSP9.1.2-2  | 0.00705 | 0.32821 | 0.87448 | 0.400 | 0.00081 |
| DS/SDSP9.1.0-2  | 0.00705 | 0.49744 | 0.87459 | 0.400 | 0.00123 |
| DS/SDSP9.2.1-2  | 0.00817 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9.2.2-1  | 0.00817 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9.2.0-1  | 0.00817 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9.3.1-2  | 0.00550 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9.3.2-2  | 0.00550 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9.3.0-1  | 0.00550 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10.1.1-2 | 0.00997 | 0.17436 | 1.00000 | 0.400 | 0.00070 |
| DS/SDSP10.1.2-2 | 0.00997 | 0.32821 | 0.61010 | 0.400 | 0.00080 |
| DS/SDSP10.1.0-2 | 0.00997 | 0.49744 | 0.61252 | 0.400 | 0.00122 |
| DS/SDSP10.2.1-2 | 0.01206 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10.2.2-2 | 0.01206 | 0.32821 | 0.00000 | 0.400 | 0.00000 |

| CASE            | P       | V       | S       | W     | W*P*V*S |
|-----------------|---------|---------|---------|-------|---------|
| DS/SDSP10.2.0-1 | 0.01206 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10.3.1-2 | 0.00368 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10.3.2-2 | 0.00368 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10.3.0-1 | 0.00368 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10.4.1-2 | 0.00253 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10.4.2-2 | 0.00253 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10.4.0-1 | 0.00253 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10.5.1-2 | 0.00292 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10.5.2-2 | 0.00292 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10.5.0-1 | 0.00292 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11.1.1-2 | 0.00452 | 0.17436 | 1.00000 | 0.400 | 0.00031 |
| DS/SDSP11.1.2-2 | 0.00452 | 0.32821 | 0.61010 | 0.400 | 0.00036 |
| DS/SDSP11.1.0-2 | 0.00452 | 0.49744 | 0.61252 | 0.400 | 0.00055 |
| DS/SDSP11.2.1-2 | 0.00489 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11.2.2-2 | 0.00489 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11.2.0-1 | 0.00489 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11.3.1-2 | 0.00128 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11.3.2-2 | 0.00128 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11.3.0-1 | 0.00128 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11.4.1-2 | 0.00141 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11.4.2-2 | 0.00141 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11.4.0-1 | 0.00141 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12.1.1-1 | 0.01520 | 0.17436 | 0.45917 | 0.400 | 0.00049 |
| DS/SDSP12.1.2-1 | 0.01520 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12.1.0-1 | 0.01520 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12.2.1-1 | 0.00236 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12.2.2-1 | 0.00236 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12.2.0-1 | 0.00236 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12.3.1-1 | 0.00316 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12.3.2-1 | 0.00316 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12.3.0-1 | 0.00316 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12.4.1-1 | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12.4.2-1 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12.4.0-1 | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13.1.1-1 | 0.01395 | 0.17436 | 1.00000 | 0.400 | 0.00097 |
| DS/SDSP13.1.2-3 | 0.01395 | 0.32821 | 0.53559 | 0.400 | 0.00098 |
| DS/SDSP13.1.0-3 | 0.01395 | 0.49744 | 0.53650 | 0.400 | 0.00149 |
| DS/SDSP13.2.1-3 | 0.00276 | 0.17436 | 0.58991 | 0.400 | 0.00011 |
| DS/SDSP13.2.2-3 | 0.00276 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13.2.0-1 | 0.00276 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13.3.1-3 | 0.00341 | 0.17436 | 0.58991 | 0.400 | 0.00014 |
| DS/SDSP13.3.2-3 | 0.00341 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13.3.0-1 | 0.00341 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13.4.1-1 | 0.00049 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13.4.2-3 | 0.00049 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13.4.0-1 | 0.00049 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13.5.1-1 | 0.00011 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13.5.2-1 | 0.00011 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13.5.0-1 | 0.00011 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP14.1.1-1 | 0.01623 | 0.17436 | 0.98422 | 0.400 | 0.00111 |
| DS/SDSP14.1.2-1 | 0.01623 | 0.32821 | 0.98424 | 0.400 | 0.00210 |
| DS/SDSP14.1.0-1 | 0.01623 | 0.49744 | 0.98424 | 0.400 | 0.00318 |
| DS/SDSP14.2.1-1 | 0.00274 | 0.17436 | 0.73208 | 0.400 | 0.00014 |
| DS/SDSP14.2.2-1 | 0.00274 | 0.32821 | 0.73208 | 0.400 | 0.00026 |
| DS/SDSP14.2.0-1 | 0.00274 | 0.49744 | 0.73190 | 0.400 | 0.00040 |
| DS/SDSP14.3.1-1 | 0.00100 | 0.17436 | 0.73208 | 0.400 | 0.00005 |
| DS/SDSP14.3.2-1 | 0.00100 | 0.32821 | 0.73208 | 0.400 | 0.00010 |
| DS/SDSP14.3.0-1 | 0.00100 | 0.49744 | 0.73190 | 0.400 | 0.00015 |
| DS/SDSP14.4.1-1 | 0.00075 | 0.17436 | 0.73208 | 0.400 | 0.00004 |
| DS/SDSP14.4.2-1 | 0.00075 | 0.32821 | 0.73208 | 0.400 | 0.00007 |
| DS/SDSP14.4.0-1 | 0.00075 | 0.49744 | 0.73190 | 0.400 | 0.00011 |



| CASE             | P       | V       | S       | W     | W*P*V*S |
|------------------|---------|---------|---------|-------|---------|
| DS/SDSP15.1.1-1  | 0.00139 | 0.17436 | 1.00000 | 0.400 | 0.00010 |
| DS/SDSP15.1.2-1  | 0.00139 | 0.32821 | 1.00000 | 0.400 | 0.00018 |
| DS/SDSP15.1.0-1  | 0.00139 | 0.49744 | 1.00000 | 0.400 | 0.00028 |
| DS/SDSP15.2.1-1  | 0.01599 | 0.17436 | 1.00000 | 0.400 | 0.00112 |
| DS/SDSP15.2.2-1  | 0.01599 | 0.32821 | 1.00000 | 0.400 | 0.00210 |
| DS/SDSP15.2.0-1  | 0.01599 | 0.49744 | 1.00000 | 0.400 | 0.00318 |
| DS/SDSP15.3.1-1  | 0.00836 | 0.17436 | 1.00000 | 0.400 | 0.00058 |
| DS/SDSP15.3.2-1  | 0.00836 | 0.32821 | 1.00000 | 0.400 | 0.00110 |
| DS/SDSP15.3.0-1  | 0.00836 | 0.49744 | 1.00000 | 0.400 | 0.00166 |
| DS/SDSP16.1.1    | 0.00000 | 0.17436 | 1.00000 | 0.400 | 0.00000 |
| DS/SDSP16.1.2    | 0.00000 | 0.32821 | 1.00000 | 0.400 | 0.00000 |
| DS/SDSP16.1.0    | 0.00000 | 0.49744 | 1.00000 | 0.400 | 0.00000 |
| DS/SDSP16.2.1    | 0.07440 | 0.17436 | 1.00000 | 0.400 | 0.00519 |
| DS/SDSP16.2.2    | 0.07440 | 0.32821 | 1.00000 | 0.400 | 0.00977 |
| DS/SDSP16.2.0    | 0.07440 | 0.49744 | 1.00000 | 0.400 | 0.01480 |
| DS/SDSP1-2.1.1   | 0.01042 | 0.17436 | 0.89285 | 0.400 | 0.00065 |
| DS/SDSP1-2.1.2   | 0.01042 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-2.1.0   | 0.01042 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-2.2.1-1 | 0.01517 | 0.17436 | 0.76154 | 0.400 | 0.00081 |
| DS/SDSP1-2.2.2-1 | 0.01517 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-2.2.0-1 | 0.01517 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-2.3.1-1 | 0.01141 | 0.17436 | 0.84850 | 0.400 | 0.00068 |
| DS/SDSP1-2.3.2-1 | 0.01141 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-2.3.0-1 | 0.01141 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-2.4.1-1 | 0.00125 | 0.17436 | 0.84850 | 0.400 | 0.00007 |
| DS/SDSP1-2.4.2-1 | 0.00125 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-2.4.0-1 | 0.00125 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-2.5.1-1 | 0.00043 | 0.17436 | 0.84850 | 0.400 | 0.00003 |
| DS/SDSP1-2.5.2-1 | 0.00043 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-2.5.0-1 | 0.00043 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-3.1.1   | 0.00986 | 0.17436 | 0.33124 | 0.400 | 0.00023 |
| DS/SDSP2-3.1.2   | 0.00986 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-3.1.0   | 0.00986 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-3.2.1-2 | 0.00788 | 0.17436 | 0.40927 | 0.400 | 0.00022 |
| DS/SDSP2-3.2.2-2 | 0.00788 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-3.2.0-2 | 0.00788 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-3.3.1-2 | 0.01842 | 0.17436 | 0.40927 | 0.400 | 0.00053 |
| DS/SDSP2-3.3.2-2 | 0.01842 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-3.3.0-2 | 0.01842 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-3.4.1-2 | 0.00041 | 0.17436 | 0.40927 | 0.400 | 0.00001 |
| DS/SDSP2-3.4.2-2 | 0.00041 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-3.4.0-2 | 0.00041 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-4.1.1   | 0.00836 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-4.1.2-3 | 0.00836 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-4.1.0-3 | 0.00836 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-4.2.1   | 0.00711 | 0.17436 | 0.33684 | 0.400 | 0.00017 |
| DS/SDSP3-4.2.2-3 | 0.00711 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-4.2.0-3 | 0.00711 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-4.3.1-2 | 0.00137 | 0.17436 | 0.33684 | 0.400 | 0.00003 |
| DS/SDSP3-4.3.2-2 | 0.00137 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-4.3.0-2 | 0.00137 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-5.1.1   | 0.00896 | 0.17436 | 0.32396 | 0.400 | 0.00020 |
| DS/SDSP4-5.1.2   | 0.00896 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-5.1.0   | 0.00896 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-5.2.1-2 | 0.00062 | 0.17436 | 0.89676 | 0.400 | 0.00004 |
| DS/SDSP4-5.2.2-2 | 0.00062 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-5.2.0-2 | 0.00062 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-6.1.1   | 0.00302 | 0.17436 | 0.45542 | 0.400 | 0.00010 |
| DS/SDSP5-6.1.2   | 0.00302 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-6.1.0   | 0.00302 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-6.2.1   | 0.00678 | 0.17436 | 0.00000 | 0.400 | 0.00000 |

| CASE              | P       | V       | S       | W     | W*P*V*S |
|-------------------|---------|---------|---------|-------|---------|
| DS/SDSP5-6.2.2-3  | 0.00678 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-6.2.0-3  | 0.00678 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-6.3.1    | 0.00268 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-6.3.2-3  | 0.00268 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-6.3.0-3  | 0.00268 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-6.4.1-4  | 0.00103 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-6.4.2-2  | 0.00103 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-6.4.0-2  | 0.00103 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-7.1.1-2  | 0.00598 | 0.17436 | 1.00000 | 0.400 | 0.00042 |
| DS/SDSP6-7.1.2-2  | 0.00598 | 0.32821 | 1.00000 | 0.400 | 0.00079 |
| DS/SDSP6-7.1.0-2  | 0.00598 | 0.49744 | 1.00000 | 0.400 | 0.00119 |
| DS/SDSP6-7.2.1    | 0.00945 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-7.2.2    | 0.00945 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-7.2.0    | 0.00945 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-7.3.1    | 0.00379 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-7.3.2    | 0.00379 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-7.3.0    | 0.00379 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-7.4.1-1  | 0.00556 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-7.4.2-1  | 0.00556 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-7.4.0-1  | 0.00556 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-7.5.1-1  | 0.00243 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-7.5.2-2  | 0.00243 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-7.5.0-2  | 0.00243 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.1.1-2  | 0.00433 | 0.17436 | 0.87056 | 0.400 | 0.00026 |
| DS/SDSP7-8.1.2-2  | 0.00433 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.1.0-2  | 0.00433 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.2.1    | 0.00690 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.2.2-2  | 0.00690 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.2.0-2  | 0.00690 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.3.1-2  | 0.00275 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.3.2-2  | 0.00275 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.3.0-2  | 0.00275 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.4.1-2  | 0.00396 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.4.2-1  | 0.00396 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.4.0-1  | 0.00396 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.5.1-2  | 0.00165 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.5.2-1  | 0.00165 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-8.5.0-1  | 0.00165 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-9.1.1-2  | 0.00374 | 0.17436 | 1.00000 | 0.400 | 0.00026 |
| DS/SDSP8-9.1.2-2  | 0.00374 | 0.32821 | 0.87448 | 0.400 | 0.00043 |
| DS/SDSP8-9.1.0-2  | 0.00374 | 0.49744 | 0.87459 | 0.400 | 0.00065 |
| DS/SDSP8-9.2.1-2  | 0.00597 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-9.2.2-2  | 0.00597 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-9.2.0-2  | 0.00597 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-9.3.1-2  | 0.00713 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-9.3.2-2  | 0.00713 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-9.3.0-1  | 0.00713 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-10.1.1-2 | 0.00731 | 0.17436 | 0.85673 | 0.400 | 0.00044 |
| DS/SDSP9-10.1.2-2 | 0.00731 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-10.1.0-2 | 0.00731 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-10.2.1-2 | 0.01151 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-10.2.2-2 | 0.01151 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-10.2.0-2 | 0.01151 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-10.3.1-2 | 0.00463 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-10.3.2-2 | 0.00463 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-10.3.0-1 | 0.00463 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-10.4.1-2 | 0.00383 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-10.4.2-2 | 0.00383 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-10.4.0-1 | 0.00383 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-10.5.1-2 | 0.00609 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-10.5.2-2 | 0.00609 | 0.32821 | 0.00000 | 0.400 | 0.00000 |

| CASE               | P       | V       | S       | W     | W*P*V*S |
|--------------------|---------|---------|---------|-------|---------|
| DS/SDSP9-10.5.0-1  | 0.00609 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-11.1.1-2 | 0.00598 | 0.17436 | 1.00000 | 0.400 | 0.00042 |
| DS/SDSP10-11.1.2-2 | 0.00598 | 0.32821 | 0.61010 | 0.400 | 0.00048 |
| DS/SDSP10-11.1.0-2 | 0.00598 | 0.49744 | 0.61252 | 0.400 | 0.00073 |
| DS/SDSP10-11.2.1-2 | 0.00945 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-11.2.2-2 | 0.00945 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-11.2.0-2 | 0.00945 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-11.3.1-2 | 0.00379 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-11.3.2-2 | 0.00379 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-11.3.0-2 | 0.00379 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-11.4.1-2 | 0.00312 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-11.4.2-2 | 0.00312 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-11.4.0-1 | 0.00312 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-11.5.1-2 | 0.00487 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-11.5.2-2 | 0.00487 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-11.5.0-1 | 0.00487 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.1.1-2 | 0.00518 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.1.2-2 | 0.00518 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.1.0-1 | 0.00518 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.2.1-2 | 0.00819 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.2.2-1 | 0.00819 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.2.0-1 | 0.00819 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.3.1-2 | 0.00002 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.3.2-1 | 0.00002 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.3.0-1 | 0.00002 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.4.1-2 | 0.00327 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.4.2-2 | 0.00327 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.4.0-1 | 0.00327 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.5.1-2 | 0.00002 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.5.2-2 | 0.00002 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.5.0-1 | 0.00002 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.6.1-2 | 0.00683 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.6.2-2 | 0.00683 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.6.0-1 | 0.00683 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.7.1-2 | 0.00001 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.7.2-2 | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-12.7.0-1 | 0.00001 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.1.1-3 | 0.01456 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.1.2-3 | 0.01456 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.1.0-2 | 0.01456 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.2.1-3 | 0.00184 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.2.2-3 | 0.00184 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.2.0-2 | 0.00184 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.3.1-3 | 0.00248 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.3.2-3 | 0.00248 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.3.0-2 | 0.00248 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.4.1-3 | 0.00156 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.4.2-3 | 0.00156 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.4.0-2 | 0.00156 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.5.1-3 | 0.00615 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.5.2-3 | 0.00615 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.5.0-2 | 0.00615 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.6.1-3 | 0.00185 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.6.2-3 | 0.00185 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.6.0-2 | 0.00185 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.7.1-3 | 0.00056 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.7.2-3 | 0.00056 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.7.0-2 | 0.00056 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.8.1-3 | 0.00001 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.8.2-3 | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-13.8.0-2 | 0.00001 | 0.49744 | 0.00000 | 0.400 | 0.00000 |

| CASE               | P       |         | V       | S     | W       | W*P*V*S |
|--------------------|---------|---------|---------|-------|---------|---------|
| DS/SDSP13-14.1.1-4 | 0.01456 | 0.17436 | 0.40909 | 0.400 | 0.00042 |         |
| DS/SDSP13-14.1.2-3 | 0.01456 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.1.0-3 | 0.01456 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.2.1-4 | 0.00349 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.2.2-3 | 0.00349 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.2.0-3 | 0.00349 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.3.1-4 | 0.00083 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.3.2-3 | 0.00083 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.3.0-3 | 0.00083 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.4.1-4 | 0.00455 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.4.2-3 | 0.00455 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.4.0-3 | 0.00455 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.5.1-4 | 0.00269 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.5.2-3 | 0.00269 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.5.0-3 | 0.00269 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.6.1-4 | 0.00047 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.6.2-3 | 0.00047 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.6.0-3 | 0.00047 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.7.1-4 | 0.00185 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.7.2-3 | 0.00185 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.7.0-3 | 0.00185 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.8.1-4 | 0.00057 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.8.2-4 | 0.00057 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP13-14.8.0-3 | 0.00057 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP14-15.1.1-1 | 0.00104 | 0.17436 | 0.63882 | 0.400 | 0.00005 |         |
| DS/SDSP14-15.1.2-1 | 0.00104 | 0.32821 | 0.63882 | 0.400 | 0.00009 |         |
| DS/SDSP14-15.1.0-1 | 0.00104 | 0.49744 | 0.63869 | 0.400 | 0.00013 |         |
| DS/SDSP14-15.2.1-1 | 0.01521 | 0.17436 | 0.63882 | 0.400 | 0.00068 |         |
| DS/SDSP14-15.2.2-1 | 0.01521 | 0.32821 | 0.63882 | 0.400 | 0.00128 |         |
| DS/SDSP14-15.2.0-1 | 0.01521 | 0.49744 | 0.63869 | 0.400 | 0.00193 |         |
| DS/SDSP14-15.3.1-1 | 0.00320 | 0.17436 | 0.71802 | 0.400 | 0.00016 |         |
| DS/SDSP14-15.3.2-1 | 0.00320 | 0.32821 | 0.71802 | 0.400 | 0.00030 |         |
| DS/SDSP14-15.3.0-1 | 0.00320 | 0.49744 | 0.71784 | 0.400 | 0.00046 |         |
| DS/SDSP14-15.4.1-1 | 0.00581 | 0.17436 | 0.71802 | 0.400 | 0.00029 |         |
| DS/SDSP14-15.4.2-1 | 0.00581 | 0.32821 | 0.71802 | 0.400 | 0.00055 |         |
| DS/SDSP14-15.4.0-1 | 0.00581 | 0.49744 | 0.71784 | 0.400 | 0.00083 |         |
| DS/SDSP14-15.5.1-1 | 0.00292 | 0.17436 | 0.71802 | 0.400 | 0.00015 |         |
| DS/SDSP14-15.5.2-1 | 0.00292 | 0.32821 | 0.71802 | 0.400 | 0.00028 |         |
| DS/SDSP14-15.5.0-1 | 0.00292 | 0.49744 | 0.71784 | 0.400 | 0.00042 |         |
| DS/SDSP14-15.6.1-1 | 0.00315 | 0.17436 | 0.71802 | 0.400 | 0.00016 |         |
| DS/SDSP14-15.6.2-1 | 0.00315 | 0.32821 | 0.71802 | 0.400 | 0.00030 |         |
| DS/SDSP14-15.6.0-1 | 0.00315 | 0.49744 | 0.71784 | 0.400 | 0.00045 |         |
| DS/SDSP15-16.1.1-1 | 0.00000 | 0.17436 | 1.00000 | 0.400 | 0.00000 |         |
| DS/SDSP15-16.1.2-1 | 0.00000 | 0.32821 | 1.00000 | 0.400 | 0.00000 |         |
| DS/SDSP15-16.1.0-1 | 0.00000 | 0.49744 | 1.00000 | 0.400 | 0.00000 |         |
| DS/SDSP15-16.2.1-1 | 0.00146 | 0.17436 | 1.00000 | 0.400 | 0.00010 |         |
| DS/SDSP15-16.2.2-1 | 0.00146 | 0.32821 | 1.00000 | 0.400 | 0.00019 |         |
| DS/SDSP15-16.2.0-1 | 0.00146 | 0.49744 | 1.00000 | 0.400 | 0.00029 |         |
| DS/SDSP15-16.3.1-1 | 0.02127 | 0.17436 | 1.00000 | 0.400 | 0.00148 |         |
| DS/SDSP15-16.3.2-1 | 0.02127 | 0.32821 | 1.00000 | 0.400 | 0.00279 |         |
| DS/SDSP15-16.3.0-1 | 0.02127 | 0.49744 | 1.00000 | 0.400 | 0.00423 |         |
| DS/SDSP15-16.4.1-1 | 0.02098 | 0.17436 | 1.00000 | 0.400 | 0.00146 |         |
| DS/SDSP15-16.4.2-1 | 0.02098 | 0.32821 | 1.00000 | 0.400 | 0.00275 |         |
| DS/SDSP15-16.4.0-1 | 0.02098 | 0.49744 | 1.00000 | 0.400 | 0.00417 |         |
| DS/SDSP1-3.1.1     | 0.00164 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP1-3.1.2     | 0.00164 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP1-3.1.0     | 0.00164 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP1-3.2.1-2   | 0.00129 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP1-3.2.2-2   | 0.00129 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP1-3.2.0-2   | 0.00129 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP1-3.3.1-2   | 0.00107 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |

| CASE             | P       | V       | S       | W     | W*P*V*S |
|------------------|---------|---------|---------|-------|---------|
| DS/SDSP1-3.3.2-2 | 0.00107 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-3.3.0-2 | 0.00107 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-3.4.1-2 | 0.00186 | 0.17436 | 0.29764 | 0.400 | 0.00004 |
| DS/SDSP1-3.4.2-2 | 0.00186 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-3.4.0-2 | 0.00186 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-3.5.1-2 | 0.00022 | 0.17436 | 0.29764 | 0.400 | 0.00000 |
| DS/SDSP1-3.5.2-2 | 0.00022 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-3.5.0-2 | 0.00022 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-3.6.1-2 | 0.00008 | 0.17436 | 0.29764 | 0.400 | 0.00000 |
| DS/SDSP1-3.6.2-2 | 0.00008 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-3.6.0-2 | 0.00008 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.1.1   | 0.00231 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.1.2-4 | 0.00231 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.1.0-4 | 0.00231 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.2.1   | 0.00183 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.2.2-3 | 0.00183 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.2.0-3 | 0.00183 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.3.1   | 0.00368 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.3.2-3 | 0.00368 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.3.0-3 | 0.00368 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.4.1-2 | 0.00078 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.4.2-2 | 0.00078 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.4.0-2 | 0.00078 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.5.1-2 | 0.00011 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.5.2-2 | 0.00011 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-4.5.0-2 | 0.00011 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-5.1.1   | 0.00579 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-5.1.2-4 | 0.00579 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-5.1.0-4 | 0.00579 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-5.2.1   | 0.00514 | 0.17436 | 0.24838 | 0.400 | 0.00009 |
| DS/SDSP3-5.2.2-4 | 0.00514 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-5.2.0-4 | 0.00514 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-5.3.1-3 | 0.00125 | 0.17436 | 0.24838 | 0.400 | 0.00002 |
| DS/SDSP3-5.3.2-3 | 0.00125 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-5.3.0-3 | 0.00125 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-6.1.1   | 0.00216 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-6.1.2-4 | 0.00216 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-6.1.0-4 | 0.00216 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-6.2.1   | 0.00472 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-6.2.2-4 | 0.00472 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-6.2.0-4 | 0.00472 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-6.3.1   | 0.00210 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-6.3.2-4 | 0.00210 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-6.3.0-4 | 0.00210 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-6.4.1-5 | 0.00103 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-6.4.2-3 | 0.00103 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-6.4.0-3 | 0.00103 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-7.1.1   | 0.00235 | 0.17436 | 0.45542 | 0.400 | 0.00007 |
| DS/SDSP5-7.1.2   | 0.00235 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-7.1.0   | 0.00235 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-7.2.1   | 0.00364 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-7.2.2-3 | 0.00364 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-7.2.0-3 | 0.00364 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-7.3.1   | 0.00148 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-7.3.2-3 | 0.00148 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-7.3.0-3 | 0.00148 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-7.4.1-2 | 0.00228 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-7.4.2-2 | 0.00228 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-7.4.0-2 | 0.00228 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-7.5.1-2 | 0.00112 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-7.5.2-4 | 0.00112 | 0.32821 | 0.00000 | 0.400 | 0.00000 |

| CASE              | P       | V       | S       | W     | W*P*V*S |
|-------------------|---------|---------|---------|-------|---------|
| DS/SDSP5-7.5.0-4  | 0.00112 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.1.1-2  | 0.00104 | 0.17436 | 0.87056 | 0.400 | 0.00006 |
| DS/SDSP6-8.1.2-2  | 0.00104 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.1.0-2  | 0.00104 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.2.1-2  | 0.00160 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.2.2-2  | 0.00160 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.2.0-2  | 0.00160 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.3.1-2  | 0.00065 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.3.2-2  | 0.00065 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.3.0-2  | 0.00065 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.4.1-2  | 0.00101 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.4.2-1  | 0.00101 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.4.0-1  | 0.00101 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.5.1-1  | 0.00049 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.5.2-2  | 0.00049 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-8.5.0-2  | 0.00049 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.1.1-2  | 0.00475 | 0.17436 | 0.87056 | 0.400 | 0.00029 |
| DS/SDSP7-9.1.2-2  | 0.00475 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.1.0-2  | 0.00475 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.2.1    | 0.00736 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.2.2-2  | 0.00736 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.2.0-2  | 0.00736 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.3.1-2  | 0.00299 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.3.2-2  | 0.00299 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.3.0-1  | 0.00299 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.4.1-2  | 0.00461 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.4.2-1  | 0.00461 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.4.0-1  | 0.00461 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.5.1-2  | 0.00226 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.5.2-1  | 0.00226 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-9.5.0-1  | 0.00226 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.1.1-2 | 0.00177 | 0.17436 | 0.85673 | 0.400 | 0.00011 |
| DS/SDSP8-10.1.2-2 | 0.00177 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.1.0-2 | 0.00177 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.2.1-2 | 0.00275 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.2.2-2 | 0.00275 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.2.0-2 | 0.00275 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.3.1-2 | 0.00112 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.3.2-2 | 0.00112 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.3.0-1 | 0.00112 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.4.1-2 | 0.00095 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.4.2-2 | 0.00095 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.4.0-1 | 0.00095 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.5.1-2 | 0.00162 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.5.2-2 | 0.00162 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-10.5.0-1 | 0.00162 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.1.1-2 | 0.00151 | 0.17436 | 0.85673 | 0.400 | 0.00009 |
| DS/SDSP9-11.1.2-2 | 0.00151 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.1.0-2 | 0.00151 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.2.1-2 | 0.00234 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.2.2-2 | 0.00234 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.2.0-2 | 0.00234 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.3.1-2 | 0.00095 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.3.2-2 | 0.00095 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.3.0-1 | 0.00095 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.4.1-2 | 0.00081 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.4.2-2 | 0.00081 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.4.0-1 | 0.00081 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.5.1-2 | 0.00138 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.5.2-2 | 0.00138 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-11.5.0-1 | 0.00138 | 0.49744 | 0.00000 | 0.400 | 0.00000 |

| CASE                | P       |         | V       | S     | W       | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|---------|
| DS/SDSP10-12.1.1-2  | 0.00364 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.1.2-2  | 0.00364 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.1.0-1  | 0.00364 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.2.1-2  | 0.00563 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.2.2-1  | 0.00563 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.2.0-1  | 0.00563 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.3.1-2  | 0.00001 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.3.2-1  | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.3.0-1  | 0.00001 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.4.1-2  | 0.00228 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.4.2-2  | 0.00228 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.4.0-1  | 0.00228 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.5.1-2  | 0.00001 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.5.2-2  | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.5.0-1  | 0.00001 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.6.1-2  | 0.00194 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.6.2-2  | 0.00194 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.6.0-1  | 0.00194 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.7.1-2  | 0.00331 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.7.2-2  | 0.00331 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.7.0-1  | 0.00331 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.8.1-2  | 0.00001 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.8.2-2  | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP10-12.8.0-1  | 0.00001 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.1.1-3  | 0.00212 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.1.2-3  | 0.00212 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.1.0-2  | 0.00212 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.2.1-3  | 0.00267 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.2.2-3  | 0.00267 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.2.0-2  | 0.00267 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.3.1-3  | 0.00060 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.3.2-3  | 0.00060 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.3.0-2  | 0.00060 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.4.1-3  | 0.00001 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.4.2-3  | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.4.0-2  | 0.00001 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.5.1-3  | 0.00081 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.5.2-3  | 0.00081 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.5.0-2  | 0.00081 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.6.1-3  | 0.00052 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.6.2-3  | 0.00052 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.6.0-2  | 0.00052 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.7.1-3  | 0.00001 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.7.2-3  | 0.00001 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.7.0-2  | 0.00001 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.8.1-3  | 0.00213 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.8.2-3  | 0.00213 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.8.0-2  | 0.00213 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.9.1-3  | 0.00070 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.9.2-3  | 0.00070 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.9.0-2  | 0.00070 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.10.1-3 | 0.00023 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.10.2-3 | 0.00023 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.10.0-2 | 0.00023 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.11.1-3 | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.11.2-3 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP11-13.11.0-2 | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP12-14.1.1-4  | 0.00554 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP12-14.1.2-1  | 0.00554 | 0.32821 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP12-14.1.0-1  | 0.00554 | 0.49744 | 0.00000 | 0.400 | 0.00000 |         |
| DS/SDSP12-14.2.1-4  | 0.00070 | 0.17436 | 0.00000 | 0.400 | 0.00000 |         |

| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DS/SDSP12-14.2.2-1  | 0.00070 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.2.0-1  | 0.00070 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.3.1-4  | 0.00063 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.3.2-4  | 0.00063 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.3.0-1  | 0.00063 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.4.1-4  | 0.00032 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.4.2-4  | 0.00032 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.4.0-1  | 0.00032 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.5.1-4  | 0.00060 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.5.2-4  | 0.00060 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.5.0-1  | 0.00060 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.6.1-4  | 0.00117 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.6.2-4  | 0.00117 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.6.0-1  | 0.00117 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.7.1-4  | 0.00110 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.7.2-4  | 0.00110 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.7.0-1  | 0.00110 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.8.1-4  | 0.00020 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.8.2-4  | 0.00020 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.8.0-1  | 0.00020 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.9.1-4  | 0.00081 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.9.2-4  | 0.00081 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.9.0-1  | 0.00081 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.10.1-4 | 0.00026 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.10.2-4 | 0.00026 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.10.0-1 | 0.00026 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.11.1-4 | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.11.2-4 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-14.11.0-1 | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.1.1-4  | 0.00039 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.1.2-4  | 0.00039 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.1.0-3  | 0.00039 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.2.1-4  | 0.00543 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.2.2-4  | 0.00543 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.2.0-3  | 0.00543 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.3.1-4  | 0.00021 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.3.2-3  | 0.00021 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.3.0-3  | 0.00021 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.4.1-4  | 0.00119 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.4.2-4  | 0.00119 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.4.0-3  | 0.00119 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.5.1-4  | 0.00033 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.5.2-4  | 0.00033 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.5.0-3  | 0.00033 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.6.1-4  | 0.00186 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.6.2-4  | 0.00186 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.6.0-3  | 0.00186 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.7.1-4  | 0.00116 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.7.2-4  | 0.00116 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.7.0-3  | 0.00116 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.8.1-4  | 0.00021 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.8.2-4  | 0.00021 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.8.0-3  | 0.00021 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.9.1-4  | 0.00086 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.9.2-4  | 0.00086 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.9.0-3  | 0.00086 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.10.1-4 | 0.00028 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.10.2-4 | 0.00028 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-15.10.0-3 | 0.00028 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP14-16.1.1-1  | 0.00000 | 0.17436 | 0.56058 | 0.400 | 0.00000 |
| DS/SDSP14-16.1.2-1  | 0.00000 | 0.32821 | 0.55366 | 0.400 | 0.00000 |



| CASE               | P       | V       | S       | W     | W*P*V*S |
|--------------------|---------|---------|---------|-------|---------|
| DS/SDSP14-16.1.0-1 | 0.00000 | 0.49744 | 0.55389 | 0.400 | 0.00000 |
| DS/SDSP14-16.2.1-1 | 0.00042 | 0.17436 | 0.56058 | 0.400 | 0.00002 |
| DS/SDSP14-16.2.2-1 | 0.00042 | 0.32821 | 0.55366 | 0.400 | 0.00003 |
| DS/SDSP14-16.2.0-1 | 0.00042 | 0.49744 | 0.55389 | 0.400 | 0.00005 |
| DS/SDSP14-16.3.1-1 | 0.00600 | 0.17436 | 0.56058 | 0.400 | 0.00023 |
| DS/SDSP14-16.3.2-1 | 0.00600 | 0.32821 | 0.55366 | 0.400 | 0.00044 |
| DS/SDSP14-16.3.0-1 | 0.00600 | 0.49744 | 0.55389 | 0.400 | 0.00066 |
| DS/SDSP14-16.4.1-1 | 0.00126 | 0.17436 | 0.64474 | 0.400 | 0.00006 |
| DS/SDSP14-16.4.2-1 | 0.00126 | 0.32821 | 0.63791 | 0.400 | 0.00011 |
| DS/SDSP14-16.4.0-1 | 0.00126 | 0.49744 | 0.63788 | 0.400 | 0.00016 |
| DS/SDSP14-16.5.1-1 | 0.00234 | 0.17436 | 0.64474 | 0.400 | 0.00011 |
| DS/SDSP14-16.5.2-1 | 0.00234 | 0.32821 | 0.63791 | 0.400 | 0.00020 |
| DS/SDSP14-16.5.0-1 | 0.00234 | 0.49744 | 0.63788 | 0.400 | 0.00030 |
| DS/SDSP14-16.6.1-1 | 0.00123 | 0.17436 | 0.64474 | 0.400 | 0.00006 |
| DS/SDSP14-16.6.2-1 | 0.00123 | 0.32821 | 0.63791 | 0.400 | 0.00010 |
| DS/SDSP14-16.6.0-1 | 0.00123 | 0.49744 | 0.63788 | 0.400 | 0.00016 |
| DS/SDSP14-16.7.1-1 | 0.00129 | 0.17436 | 0.64474 | 0.400 | 0.00006 |
| DS/SDSP14-16.7.2-1 | 0.00129 | 0.32821 | 0.63791 | 0.400 | 0.00011 |
| DS/SDSP14-16.7.0-1 | 0.00129 | 0.49744 | 0.63788 | 0.400 | 0.00016 |
| DS/SDSP1-4.1.1     | 0.00035 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.1.2-4   | 0.00035 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.1.0-4   | 0.00035 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.2.1     | 0.00027 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.2.2-3   | 0.00027 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.2.0-3   | 0.00027 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.3.1     | 0.00023 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.3.2-3   | 0.00023 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.3.0-3   | 0.00023 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.4.1     | 0.00033 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.4.2-3   | 0.00033 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.4.0-3   | 0.00033 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.5.1-2   | 0.00007 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.5.2-2   | 0.00007 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.5.0-2   | 0.00007 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.6.1-2   | 0.00005 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.6.2-2   | 0.00005 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.6.0-2   | 0.00005 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.7.1-2   | 0.00002 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.7.2-2   | 0.00002 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP1-4.7.0-2   | 0.00002 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.1.1     | 0.00123 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.1.2-5   | 0.00123 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.1.0-5   | 0.00123 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.2.1     | 0.00097 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.2.2-4   | 0.00097 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.2.0-4   | 0.00097 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.3.1     | 0.00195 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.3.2-4   | 0.00195 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.3.0-4   | 0.00195 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.4.1-3   | 0.00041 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.4.2-3   | 0.00041 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.4.0-3   | 0.00041 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.5.1-3   | 0.00006 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.5.2-3   | 0.00006 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP2-5.5.0-3   | 0.00006 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.1.1     | 0.00212 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.1.2-5   | 0.00212 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.1.0-5   | 0.00212 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.2.1     | 0.00254 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.2.2-5   | 0.00254 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.2.0-5   | 0.00254 | 0.49744 | 0.00000 | 0.400 | 0.00000 |

| CASE              | P       | V       | S       | W     | W*P*V*S |
|-------------------|---------|---------|---------|-------|---------|
| DS/SDSP3-6.3.1-6  | 0.00208 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.3.2-5  | 0.00208 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.3.0-5  | 0.00208 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.4.1-6  | 0.00205 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.4.2-5  | 0.00205 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.4.0-5  | 0.00205 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.5.1-6  | 0.00100 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.5.2-4  | 0.00100 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP3-6.5.0-4  | 0.00100 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.1.1    | 0.00129 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.1.2-4  | 0.00129 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.1.0-4  | 0.00129 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.2.1    | 0.00199 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.2.2-4  | 0.00199 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.2.0-4  | 0.00199 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.3.1    | 0.00081 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.3.2-4  | 0.00081 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.3.0-4  | 0.00081 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.4.1-3  | 0.00125 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.4.2-3  | 0.00125 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.4.0-3  | 0.00125 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.5.1-2  | 0.00061 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.5.2-5  | 0.00061 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP4-7.5.0-5  | 0.00061 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.1.1    | 0.00025 | 0.17436 | 0.28081 | 0.400 | 0.00000 |
| DS/SDSP5-8.1.2-3  | 0.00025 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.1.0-3  | 0.00025 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.2.1    | 0.00039 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.2.2-3  | 0.00039 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.2.0-3  | 0.00039 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.3.1    | 0.00016 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.3.2-3  | 0.00016 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.3.0-3  | 0.00016 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.4.1-2  | 0.00024 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.4.2-2  | 0.00024 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.4.0-3  | 0.00024 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.5.1-1  | 0.00012 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.5.2-4  | 0.00012 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP5-8.5.0-4  | 0.00012 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.1.1-2  | 0.00076 | 0.17436 | 0.87056 | 0.400 | 0.00005 |
| DS/SDSP6-9.1.2-2  | 0.00076 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.1.0-2  | 0.00076 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.2.1-2  | 0.00118 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.2.2-2  | 0.00118 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.2.0-2  | 0.00118 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.3.1-2  | 0.00048 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.3.2-1  | 0.00048 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.3.0-1  | 0.00048 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.4.1-2  | 0.00074 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.4.2-1  | 0.00074 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.4.0-1  | 0.00074 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.5.1-1  | 0.00036 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.5.2-2  | 0.00036 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP6-9.5.0-2  | 0.00036 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.1.1-2 | 0.00160 | 0.17436 | 0.25351 | 0.400 | 0.00003 |
| DS/SDSP7-10.1.2-2 | 0.00160 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.1.0-2 | 0.00160 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.2.1-2 | 0.00249 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.2.2-2 | 0.00249 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.2.0-2 | 0.00249 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.3.1-2 | 0.00101 | 0.17436 | 0.00000 | 0.400 | 0.00000 |

| CASE               | P       | V       | S       | W     | W*P*V*S |
|--------------------|---------|---------|---------|-------|---------|
| DS/SDSP7-10.3.2-2  | 0.00101 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.3.0-1  | 0.00101 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.4.1-2  | 0.00086 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.4.2-1  | 0.00086 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.4.0-1  | 0.00086 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.5.1-2  | 0.00070 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.5.2-1  | 0.00070 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.5.0-1  | 0.00070 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.6.1-2  | 0.00076 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.6.2-1  | 0.00076 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP7-10.6.0-1  | 0.00076 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.1.1-2  | 0.00029 | 0.17436 | 0.85673 | 0.400 | 0.00002 |
| DS/SDSP8-11.1.2-2  | 0.00029 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.1.0-2  | 0.00029 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.2.1-2  | 0.00045 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.2.2-2  | 0.00045 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.2.0-2  | 0.00045 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.3.1-2  | 0.00018 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.3.2-2  | 0.00018 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.3.0-1  | 0.00018 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.4.1-2  | 0.00015 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.4.2-2  | 0.00015 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.4.0-1  | 0.00015 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.5.1-2  | 0.00026 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.5.2-2  | 0.00026 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP8-11.5.0-1  | 0.00026 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.1.1-2  | 0.00073 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.1.2-2  | 0.00073 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.1.0-1  | 0.00073 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.2.1-2  | 0.00113 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.2.2-1  | 0.00113 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.2.0-1  | 0.00113 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.3.1-2  | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.3.2-1  | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.3.0-1  | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.4.1-2  | 0.00046 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.4.2-2  | 0.00046 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.4.0-1  | 0.00046 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.5.1-2  | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.5.2-2  | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.5.0-1  | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.6.1-2  | 0.00039 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.6.2-2  | 0.00039 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.6.0-1  | 0.00039 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.7.1-2  | 0.00067 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.7.2-2  | 0.00067 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.7.0-1  | 0.00067 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.8.1-2  | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.8.2-2  | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP9-12.8.0-1  | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.1.1-3 | 0.00107 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.1.2-3 | 0.00107 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.1.0-2 | 0.00107 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.2.1-3 | 0.00135 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.2.2-3 | 0.00135 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.2.0-2 | 0.00135 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.3.1-3 | 0.00030 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.3.2-3 | 0.00030 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.3.0-2 | 0.00030 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.4.1-3 | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.4.2-3 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |

| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DS/SDSP10-13.4.0-2  | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.5.1-3  | 0.00041 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.5.2-3  | 0.00041 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.5.0-2  | 0.00041 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.6.1-3  | 0.00026 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.6.2-3  | 0.00026 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.6.0-2  | 0.00026 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.7.1-3  | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.7.2-3  | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.7.0-2  | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.8.1-3  | 0.00057 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.8.2-3  | 0.00057 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.8.0-2  | 0.00057 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.9.1-3  | 0.00050 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.9.2-3  | 0.00050 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.9.0-2  | 0.00050 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.10.1-3 | 0.00035 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.10.2-3 | 0.00035 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.10.0-2 | 0.00035 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.11.1-3 | 0.00011 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.11.2-3 | 0.00011 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.11.0-2 | 0.00011 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.12.1-3 | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.12.2-3 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP10-13.12.0-2 | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.1.1-4  | 0.00060 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.1.2-3  | 0.00060 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.1.0-1  | 0.00060 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.2.1-4  | 0.00075 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.2.2-1  | 0.00075 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.2.0-1  | 0.00075 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.3.1-4  | 0.00017 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.3.2-1  | 0.00017 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.3.0-1  | 0.00017 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.4.1-4  | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.4.2-1  | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.4.0-1  | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.5.1-4  | 0.00015 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.5.2-4  | 0.00015 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.5.0-4  | 0.00015 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.6.1-4  | 0.00008 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.6.2-4  | 0.00008 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.6.0-1  | 0.00008 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.7.1-4  | 0.00015 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.7.2-4  | 0.00015 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.7.0-1  | 0.00015 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.8.1-4  | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.8.2-4  | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.8.0-1  | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.9.1-4  | 0.00028 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.9.2-4  | 0.00028 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.9.0-1  | 0.00028 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.10.1-4 | 0.00027 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.10.2-4 | 0.00027 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.10.0-1 | 0.00027 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.11.1-4 | 0.00005 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.11.2-4 | 0.00005 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.11.0-1 | 0.00005 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.12.1-4 | 0.00020 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.12.2-4 | 0.00020 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.12.0-1 | 0.00020 | 0.49744 | 0.00000 | 0.400 | 0.00000 |

| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DS/SDSP11-14.13.1-4 | 0.00006 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.13.2-4 | 0.00006 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.13.0-1 | 0.00006 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.14.1-4 | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.14.2-4 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP11-14.14.0-1 | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.1.1-4  | 0.00012 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.1.2-3  | 0.00012 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.1.0-1  | 0.00012 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.2.1-4  | 0.00167 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.2.2-3  | 0.00167 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.2.0-1  | 0.00167 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.3.1-4  | 0.00006 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.3.2-3  | 0.00006 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.3.0-1  | 0.00006 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.4.1-4  | 0.00016 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.4.2-3  | 0.00016 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.4.0-1  | 0.00016 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.5.1-4  | 0.00020 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.5.2-4  | 0.00020 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.5.0-1  | 0.00020 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.6.1-4  | 0.00010 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.6.2-4  | 0.00010 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.6.0-1  | 0.00010 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.7.1-4  | 0.00019 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.7.2-4  | 0.00019 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.7.0-1  | 0.00019 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.8.1-4  | 0.00038 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.8.2-4  | 0.00038 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.8.0-1  | 0.00038 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.9.1-4  | 0.00036 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.9.2-4  | 0.00036 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.9.0-1  | 0.00036 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.10.1-4 | 0.00006 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.10.2-4 | 0.00006 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.10.0-1 | 0.00006 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.11.1-4 | 0.00026 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.11.2-4 | 0.00026 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.11.0-1 | 0.00026 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.12.1-4 | 0.00009 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.12.2-4 | 0.00009 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.12.0-1 | 0.00009 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.13.1-4 | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.13.2-4 | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP12-15.13.0-1 | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.1.1-4  | 0.00000 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.1.2-4  | 0.00000 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.1.0-3  | 0.00000 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.2.1-4  | 0.00013 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.2.2-4  | 0.00013 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.2.0-3  | 0.00013 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.3.1-4  | 0.00183 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.3.2-4  | 0.00183 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.3.0-3  | 0.00183 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.4.1-4  | 0.00007 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.4.2-4  | 0.00007 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.4.0-3  | 0.00007 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.5.1-4  | 0.00040 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.5.2-4  | 0.00040 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.5.0-3  | 0.00040 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.6.1-4  | 0.00011 | 0.17436 | 0.00000 | 0.400 | 0.00000 |

| CASE                | P       | V       | S       | W     | W*P*V*S |
|---------------------|---------|---------|---------|-------|---------|
| DS/SDSP13-16.6.2-4  | 0.00011 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.6.0-3  | 0.00011 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.7.1-4  | 0.00063 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.7.2-4  | 0.00063 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.7.0-3  | 0.00063 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.8.1-4  | 0.00039 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.8.2-4  | 0.00039 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.8.0-3  | 0.00039 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.9.1-4  | 0.00007 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.9.2-4  | 0.00007 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.9.0-3  | 0.00007 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.10.1-4 | 0.00029 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.10.2-4 | 0.00029 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.10.0-3 | 0.00029 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.11.1-4 | 0.00005 | 0.17436 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.11.2-4 | 0.00005 | 0.32821 | 0.00000 | 0.400 | 0.00000 |
| DS/SDSP13-16.11.0-3 | 0.00005 | 0.49744 | 0.00000 | 0.400 | 0.00000 |
| SUBTOTAL            |         |         |         | 0.400 | 0.12459 |
| TOTAL               |         |         |         | 0.200 | 0.22347 |

## DAMAGE DEFINITIONS FOR REGULATION 7

A total of 2823 damages listed

One-zone damages (462 damages)

### DAMAGED COMPARTMENTS

Damage case : SDSP1.1.1, Zone Z01 Port, b1, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |

Damage case : SDSP1.1.2, Zone Z01 Port, b1, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP1.1.0, Zone Z01 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP1.2.1, Zone Z01 Port, b2, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |

Damage case : SDSP1.2.2, Zone Z01 Port, b2, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP1.2.0, Zone Z01 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP1.3.1, Zone Z01 Port, b3, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |

Damage case : SDSP1.3.2, Zone Z01 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP1.3.0, Zone Z01 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP2.1.1-1, Zone Z02 Port, b1, h1, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |

Damage case : SDSP2.1.1, Zone Z02 Port, b1, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |

Damage case : SDSP2.1.2-1, Zone Z02 Port, b1, h2, 1.ext1



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP2.1.2, Zone Z02 Port, b1, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP2.1.0-1, Zone Z02 Port, b1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP2.1.0, Zone Z02 Port, b1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP2.2.1-1, Zone Z02 Port, b2, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP2.2.1, Zone Z02 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP2.2.2-1, Zone Z02 Port, b2, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP2.2.2, Zone Z02 Port, b2, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP2.2.0-1, Zone Z02 Port, b2, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP2.2.0, Zone Z02 Port, b2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP2.3.1-1, Zone Z02 Port, b3, h1, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP2.3.1, Zone Z02 Port, b3, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |





| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP2.3.2, Zone Z02 Port, b3, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP2.3.0-1, Zone Z02 Port, b3, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP2.3.0, Zone Z02 Port, b3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP3.1.1-1, Zone Z03 Port, b1, h1, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP3.1.1, Zone Z03 Port, b1, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP3.1.2-1, Zone Z03 Port, b1, h2, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP3.1.2, Zone Z03 Port, b1, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP3.1.0-1, Zone Z03 Port, b1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP3.1.0, Zone Z03 Port, b1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP3.2.1-1, Zone Z03 Port, b2, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP3.2.1, Zone Z03 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP3.2.2-1, Zone Z03 Port, b2, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP3.2.2, Zone Z03 Port, b2, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP3.2.0-1, Zone Z03 Port, b2, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP3.2.0, Zone Z03 Port, b2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP4.1.1-1, Zone Z04 Port, b1, h1, 1.ext1

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank               | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP4.1.1-2, Zone Z04 Port, b1, h1, 1.ext2

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP4.1.1, Zone Z04 Port, b1, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP4.1.2-1, Zone Z04 Port, b1, h2, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP4.1.2-2, Zone Z04 Port, b1, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP4.1.2, Zone Z04 Port, b1, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP4.1.0-1, Zone Z04 Port, b1, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP4.1.0-2, Zone Z04 Port, b1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP4.1.0, Zone Z04 Port, b1



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP4.2.1-1, Zone Z04 Port, b2, h1, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP4.2.1-2, Zone Z04 Port, b2, h1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP4.2.1, Zone Z04 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP4.2.2-1, Zone Z04 Port, b2, h2, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP4.2.2-2, Zone Z04 Port, b2, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP4.2.2, Zone Z04 Port, b2, h2





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP4.2.0-1, Zone Z04 Port, b2, 1.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP4.2.0-2, Zone Z04 Port, b2, 1.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP4.2.0, Zone Z04 Port, b2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP5.1.1-1, Zone Z05 Port, b1, h1, 1.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP5.1.1-2, Zone Z05 Port, b1, h1, 1.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP5.1.2-1, Zone Z05 Port, b1, h2, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP5.1.2-2, Zone Z05 Port, b1, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP5.1.2, Zone Z05 Port, b1, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP5.1.0-1, Zone Z05 Port, b1, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP5.1.0-2, Zone Z05 Port, b1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP5.1.0, Zone Z05 Port, b1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP5.2.1-1, Zone Z05 Port, b2, h1, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP5.2.1-2, Zone Z05 Port, b2, h1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP5.2.1, Zone Z05 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP5.2.2-1, Zone Z05 Port, b2, h2, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP5.2.2-2, Zone Z05 Port, b2, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP5.2.2, Zone Z05 Port, b2, h2







| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP5.2.0-1, Zone Z05 Port, b2, 1.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP5.2.0-2, Zone Z05 Port, b2, 1.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP5.2.0, Zone Z05 Port, b2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.1.1-1, Zone Z06 Port, b1, h1, 1.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6.1.1-2, Zone Z06 Port, b1, h1, 1.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |





| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6.1.1, Zone Z06 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6.1.2-1, Zone Z06 Port, b1, h2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.1.2-2, Zone Z06 Port, b1, h2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.1.2-3, Zone Z06 Port, b1, h2, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.1.2, Zone Z06 Port, b1, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.1.0-1, Zone Z06 Port, b1, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.1.0-2, Zone Z06 Port, b1, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.1.0-3, Zone Z06 Port, b1, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.1.0, Zone Z06 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.2.1-1, Zone Z06 Port, b2, h1, 1.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO          | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6.2.1-2, Zone Z06 Port, b2, h1, 1.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO          | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6.2.1-3, Zone Z06 Port, b2, h1, 1.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO          | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6.2.1, Zone Z06 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO          | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6.2.2-1, Zone Z06 Port, b2, h2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.2.2-2, Zone Z06 Port, b2, h2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.2.2-3, Zone Z06 Port, b2, h2, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.2.2, Zone Z06 Port, b2, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |







| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.2.0-2, Zone Z06 Port, b2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.2.0-3, Zone Z06 Port, b2, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.2.0, Zone Z06 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6.3.1-1, Zone Z06 Port, b3, h1, 1.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO          | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6.3.1-2, Zone Z06 Port, b3, h1, 1.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO          | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |





| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO          | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6.3.1, Zone Z06 Port, b3, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO          | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6.3.2-1, Zone Z06 Port, b3, h2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.3.2-2, Zone Z06 Port, b3, h2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.3.2-3, Zone Z06 Port, b3, h2, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.3.2, Zone Z06 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.3.0-1, Zone Z06 Port, b3, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.3.0-2, Zone Z06 Port, b3, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.3.0-3, Zone Z06 Port, b3, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.3.0, Zone Z06 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.4.1-1, Zone Z06 Port, b4, h1, 1.ext1

| COMP | STAGE | DES             | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank     | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO             | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank    | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP6.4.1-2, Zone Z06 Port, b4, h1, 1.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO          | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6.4.1-3, Zone Z06 Port, b4, h1, 1.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO          | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6.4.1, Zone Z06 Port, b4, h1

| COMP | STAGE | DES             | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank     | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO             | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank    | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP6.4.2-1, Zone Z06 Port, b4, h2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.4.2-2, Zone Z06 Port, b4, h2, 1.ext2



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.4.2-3, Zone Z06 Port, b4, h2, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.4.2, Zone Z06 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.4.0-1, Zone Z06 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.4.0-2, Zone Z06 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.4.0-3, Zone Z06 Port, b4, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP6.4.0, Zone Z06 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.1.1-1, Zone Z07 Port, b1, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.1.1-2, Zone Z07 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.1.1-3, Zone Z07 Port, b1, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.1.1, Zone Z07 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.1.2-1, Zone Z07 Port, b1, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.1.2-2, Zone Z07 Port, b1, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.1.2-3, Zone Z07 Port, b1, h2, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.1.2, Zone Z07 Port, b1, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.1.0-1, Zone Z07 Port, b1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.1.0-2, Zone Z07 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.1.0-3, Zone Z07 Port, b1, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.1.0, Zone Z07 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.2.1-1, Zone Z07 Port, b2, h1, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.2.1-2, Zone Z07 Port, b2, h1, 1.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.2.1-3, Zone Z07 Port, b2, h1, 1.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.2.1, Zone Z07 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.2.2-1, Zone Z07 Port, b2, h2, 1.ext1





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.2.2-2, Zone Z07 Port, b2, h2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.2.2-3, Zone Z07 Port, b2, h2, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.2.2, Zone Z07 Port, b2, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.2.0-1, Zone Z07 Port, b2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.2.0-2, Zone Z07 Port, b2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.2.0-3, Zone Z07 Port, b2, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.2.0, Zone Z07 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.3.1-1, Zone Z07 Port, b3, h1, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop  | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.3.1-2, Zone Z07 Port, b3, h1, 1.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.3.1-3, Zone Z07 Port, b3, h1, 1.ext3



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.3.1, Zone Z07 Port, b3, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop  | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.3.2-1, Zone Z07 Port, b3, h2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.3.2-2, Zone Z07 Port, b3, h2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.3.2-3, Zone Z07 Port, b3, h2, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.3.2, Zone Z07 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.3.0-1, Zone Z07 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.3.0-2, Zone Z07 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.3.0-3, Zone Z07 Port, b3, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.3.0, Zone Z07 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP7.4.1-1, Zone Z07 Port, b4, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop  | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.4.1-2, Zone Z07 Port, b4, h1, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.4.1-3, Zone Z07 Port, b4, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.4.1, Zone Z07 Port, b4, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop  | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast    | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.4.2-1, Zone Z07 Port, b4, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.4.2-2, Zone Z07 Port, b4, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.4.2-3, Zone Z07 Port, b4, h2, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.4.2, Zone Z07 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.4.0-1, Zone Z07 Port, b4, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.4.0-2, Zone Z07 Port, b4, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.4.0, Zone Z07 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.5.1-1, Zone Z07 Port, b5, h1, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.5.1-2, Zone Z07 Port, b5, h1, 1.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.5.1-3, Zone Z07 Port, b5, h1, 1.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.5.1, Zone Z07 Port, b5, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast     | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP7.5.2-1, Zone Z07 Port, b5, h2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.5.2-2, Zone Z07 Port, b5, h2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.5.2-3, Zone Z07 Port, b5, h2, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.5.2, Zone Z07 Port, b5, h2



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.5.0-1, Zone Z07 Port, b5, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.5.0-2, Zone Z07 Port, b5, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.5.0-3, Zone Z07 Port, b5, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP7.5.0, Zone Z07 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

Damage case : SDSP8.1.1-1, Zone Z08 Port, b1, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP8.1.1-2, Zone Z08 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP8.1.1, Zone Z08 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP8.1.2-1, Zone Z08 Port, b1, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8.1.2-2, Zone Z08 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8.1.2, Zone Z08 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8.1.0-1, Zone Z08 Port, b1, 1.ext1

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank             | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank            | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd       | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A.0.95 | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8.1.0-2, Zone Z08 Port, b1, 1.ext2

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank            | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd       | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A.0.95 | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8.1.0, Zone Z08 Port, b1

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank             | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank            | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd       | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A.0.95 | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8.2.1-1, Zone Z08 Port, b2, h1, 1.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |





| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP8.2.1, Zone Z08 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP8.2.2-1, Zone Z08 Port, b2, h2, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8.2.2-2, Zone Z08 Port, b2, h2, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8.2.2, Zone Z08 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8.2.0-1, Zone Z08 Port, b2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8.2.0-2, Zone Z08 Port, b2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8.2.0, Zone Z08 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8.3.1-1, Zone Z08 Port, b3, h1, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8.3.1-2, Zone Z08 Port, b3, h1, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |







| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8.3.2-1, Zone Z08 Port, b3, h2, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8.3.2-2, Zone Z08 Port, b3, h2, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8.3.2, Zone Z08 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8.3.0-1, Zone Z08 Port, b3, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8.3.0-2, Zone Z08 Port, b3, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8.3.0, Zone Z08 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP9.1.1-1, Zone Z09 Port, b1, h1, 1.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP9.1.1-2, Zone Z09 Port, b1, h1, 1.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP9.1.1, Zone Z09 Port, b1, h1



| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP9.1.2-1, Zone Z09 Port, b1, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP9.1.2-2, Zone Z09 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP9.1.2, Zone Z09 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP9.1.0-1, Zone Z09 Port, b1, l.ext1

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank             | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank            | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd       | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A.0.95 | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP9.1.0-2, Zone Z09 Port, b1, l.ext2

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank            | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd       | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A.0.95 | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP9.1.0, Zone Z09 Port, b1





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP9.2.1-1, Zone Z09 Port, b2, h1, 1.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP9.2.1-2, Zone Z09 Port, b2, h1, 1.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP9.2.1, Zone Z09 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP9.2.2-1, Zone Z09 Port, b2, h2, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP9.2.2-2, Zone Z09 Port, b2, h2, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |







| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP9.2.0-1, Zone Z09 Port, b2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP9.2.0-2, Zone Z09 Port, b2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP9.2.0, Zone Z09 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP9.3.1-1, Zone Z09 Port, b3, h1, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP9.3.1-2, Zone Z09 Port, b3, h1, 1.ext2





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP9.3.1, Zone Z09 Port, b3, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP9.3.2-1, Zone Z09 Port, b3, h2, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP9.3.2-2, Zone Z09 Port, b3, h2, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP9.3.2, Zone Z09 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP9.3.0-1, Zone Z09 Port, b3, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP9.3.0-2, Zone Z09 Port, b3, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP9.3.0, Zone Z09 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.1.1-1, Zone Z10 Port, b1, h1, 1.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP10.1.1-2, Zone Z10 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP10.1.1, Zone Z10 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP10.1.2-1, Zone Z10 Port, b1, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.1.2-2, Zone Z10 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.1.2, Zone Z10 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.1.0-1, Zone Z10 Port, b1, l.ext1



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.1.0-2, Zone Z10 Port, b1, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.1.0, Zone Z10 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.2.1-1, Zone Z10 Port, b2, h1, 1.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP10.2.1-2, Zone Z10 Port, b2, h1, 1.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP10.2.1, Zone Z10 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.2.2-2, Zone Z10 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.2.2, Zone Z10 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.2.0-1, Zone Z10 Port, b2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.2.0-2, Zone Z10 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.2.0, Zone Z10 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.3.1-1, Zone Z10 Port, b3, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.3.1-2, Zone Z10 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.3.1, Zone Z10 Port, b3, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.3.2-1, Zone Z10 Port, b3, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.3.2-2, Zone Z10 Port, b3, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.3.2, Zone Z10 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.3.0-1, Zone Z10 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.3.0-2, Zone Z10 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.3.0, Zone Z10 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.4.1-1, Zone Z10 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.4.1-2, Zone Z10 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.4.1, Zone Z10 Port, b4, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.4.2-1, Zone Z10 Port, b4, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.4.2-2, Zone Z10 Port, b4, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.4.2, Zone Z10 Port, b4, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.4.0-1, Zone Z10 Port, b4, l.ext1



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.4.0-2, Zone Z10 Port, b4, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.4.0, Zone Z10 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.5.1-1, Zone Z10 Port, b5, h1, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.5.1-2, Zone Z10 Port, b5, h1, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.5.1, Zone Z10 Port, b5, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.5.2-1, Zone Z10 Port, b5, h2, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.5.2-2, Zone Z10 Port, b5, h2, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.5.2, Zone Z10 Port, b5, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10.5.0-1, Zone Z10 Port, b5, l.ext1

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank             | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank            | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                     | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room             | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store            | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop         | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd       | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A.0.95 |       | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.5.0-2, Zone Z10 Port, b5, l.ext2

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank            | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                     | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room             | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store            | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop         | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd       | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A.0.95 |       | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10.5.0, Zone Z10 Port, b5

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank             | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank            | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                     | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room             | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store            | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop         | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd       | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A.0.95 |       | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP11.1.1-1, Zone Z11 Port, b1, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP11.1.1-2, Zone Z11 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP11.1.1, Zone Z11 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP11.1.2-1, Zone Z11 Port, b1, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.1.2-2, Zone Z11 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.1.2, Zone Z11 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.1.0-1, Zone Z11 Port, b1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP11.1.0-2, Zone Z11 Port, b1, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP11.1.0, Zone Z11 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP11.2.1-1, Zone Z11 Port, b2, h1, 1.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP11.2.1-2, Zone Z11 Port, b2, h1, 1.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP11.2.1, Zone Z11 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.2.2-2, Zone Z11 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.2.2, Zone Z11 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.2.0-1, Zone Z11 Port, b2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP11.2.0-2, Zone Z11 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP11.2.0, Zone Z11 Port, b2



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP11.3.1-1, Zone Z11 Port, b3, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.3.1-2, Zone Z11 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.3.1, Zone Z11 Port, b3, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.3.2-1, Zone Z11 Port, b3, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.3.2-2, Zone Z11 Port, b3, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.3.2, Zone Z11 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.3.0-1, Zone Z11 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP11.3.0-2, Zone Z11 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP11.3.0, Zone Z11 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP11.4.1-1, Zone Z11 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.4.1-2, Zone Z11 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.4.1, Zone Z11 Port, b4, h1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.4.2-1, Zone Z11 Port, b4, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.4.2-2, Zone Z11 Port, b4, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.4.2, Zone Z11 Port, b4, h2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP11.4.0-1, Zone Z11 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP11.4.0-2, Zone Z11 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP11.4.0, Zone Z11 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP12.1.1-1, Zone Z12 Port, b1, h1, l.ext1

| COMP | STAGE | DES        | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP12.1.1-2, Zone Z12 Port, b1, h1, l.ext2

| COMP | STAGE | DES        | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP12.1.1, Zone Z12 Port, b1, h1



| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water  | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP12.1.2-1, Zone Z12 Port, b1, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.1.2-2, Zone Z12 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.1.2, Zone Z12 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.1.0-1, Zone Z12 Port, b1, l.ext1

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water              | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd       | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A.0.95 | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP12.1.0-2, Zone Z12 Port, b1, l.ext2

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water              | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd       | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A.0.95 | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP12.1.0, Zone Z12 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP12.2.1-1, Zone Z12 Port, b2, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.2.1-2, Zone Z12 Port, b2, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.2.1, Zone Z12 Port, b2, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.2.2-1, Zone Z12 Port, b2, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.2.2-2, Zone Z12 Port, b2, h2, l.ext2







| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.2.2, Zone Z12 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.2.0-1, Zone Z12 Port, b2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP12.2.0-2, Zone Z12 Port, b2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP12.2.0, Zone Z12 Port, b2

| COMP | STAGE | DES             | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank     | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water      | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room     | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store    | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP12.3.1-1, Zone Z12 Port, b3, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.3.1-2, Zone Z12 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.3.1, Zone Z12 Port, b3, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.3.2-1, Zone Z12 Port, b3, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.3.2-2, Zone Z12 Port, b3, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.3.2, Zone Z12 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.3.0-1, Zone Z12 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP12.3.0-2, Zone Z12 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP12.3.0, Zone Z12 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP12.4.1-1, Zone Z12 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.4.1-2, Zone Z12 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.4.1, Zone Z12 Port, b4, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.4.2-1, Zone Z12 Port, b4, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.4.2-2, Zone Z12 Port, b4, h2, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.4.2, Zone Z12 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP12.4.0-1, Zone Z12 Port, b4, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP12.4.0-2, Zone Z12 Port, b4, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| RA02 | 1     | Accommodation on A.0.95 |       | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP12.4.0, Zone Z12 Port, b4

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank             | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water              | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto.     | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room             | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store            | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop         | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd       | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A.0.95 |       | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.1.1-1, Zone Z13 Port, b1, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.1.1-2, Zone Z13 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.1.1-3, Zone Z13 Port, b1, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.1.1, Zone Z13 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.1.2-1, Zone Z13 Port, b1, h2, l.ext1



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.1.2-2, Zone Z13 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.1.2-3, Zone Z13 Port, b1, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.1.2, Zone Z13 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.1.0-1, Zone Z13 Port, b1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.1.0-2, Zone Z13 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.1.0, Zone Z13 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.2.1-1, Zone Z13 Port, b2, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.2.1-2, Zone Z13 Port, b2, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.2.1-3, Zone Z13 Port, b2, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.2.1, Zone Z13 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.2.2-1, Zone Z13 Port, b2, h2, l.ext1



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.2.2-2, Zone Z13 Port, b2, h2, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.2.2-3, Zone Z13 Port, b2, h2, 1.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.2.2, Zone Z13 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.2.0-1, Zone Z13 Port, b2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.2.0-2, Zone Z13 Port, b2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.2.0-3, Zone Z13 Port, b2, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.2.0, Zone Z13 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.3.1-1, Zone Z13 Port, b3, h1, 1.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.3.1-2, Zone Z13 Port, b3, h1, 1.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.3.1-3, Zone Z13 Port, b3, h1, 1.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.3.1, Zone Z13 Port, b3, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.3.2-1, Zone Z13 Port, b3, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.3.2-2, Zone Z13 Port, b3, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.3.2-3, Zone Z13 Port, b3, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.3.2, Zone Z13 Port, b3, h2



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.3.0-1, Zone Z13 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.3.0-2, Zone Z13 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.3.0-3, Zone Z13 Port, b3, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.3.0, Zone Z13 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.4.1-1, Zone Z13 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.4.1-2, Zone Z13 Port, b4, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.4.1-3, Zone Z13 Port, b4, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.4.1, Zone Z13 Port, b4, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.4.2-1, Zone Z13 Port, b4, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.4.2-2, Zone Z13 Port, b4, h2, l.ext2



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.4.2-3, Zone Z13 Port, b4, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.4.2, Zone Z13 Port, b4, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.4.0-1, Zone Z13 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.4.0-2, Zone Z13 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.4.0, Zone Z13 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.5.1-1, Zone Z13 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.5.1-2, Zone Z13 Port, b5, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13.5.1-3, Zone Z13 Port, b5, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201S | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |







| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.5.2-1, Zone Z13 Port, b5, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.5.2-2, Zone Z13 Port, b5, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.5.2-3, Zone Z13 Port, b5, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.5.2, Zone Z13 Port, b5, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP13.5.0-1, Zone Z13 Port, b5, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.5.0-2, Zone Z13 Port, b5, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.5.0-3, Zone Z13 Port, b5, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP13.5.0, Zone Z13 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP14.1.1-1, Zone Z14 Port, b1, h1, l.ext1

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP14.1.1, Zone Z14 Port, b1, h1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP14.1.2-1, Zone Z14 Port, b1, h2, l.ext1

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.1.2, Zone Z14 Port, b1, h2

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry    | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.1.0-1, Zone Z14 Port, b1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP14.1.0, Zone Z14 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP14.2.1-1, Zone Z14 Port, b2, h1, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.2.1, Zone Z14 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.2.2-1, Zone Z14 Port, b2, h2, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.2.2, Zone Z14 Port, b2, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.2.0-1, Zone Z14 Port, b2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP14.2.0, Zone Z14 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP14.3.1-1, Zone Z14 Port, b3, h1, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.3.1, Zone Z14 Port, b3, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.3.2-1, Zone Z14 Port, b3, h2, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.3.2, Zone Z14 Port, b3, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.3.0-1, Zone Z14 Port, b3, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP14.3.0, Zone Z14 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP14.4.1-1, Zone Z14 Port, b4, h1, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.4.1, Zone Z14 Port, b4, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.4.2-1, Zone Z14 Port, b4, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.4.2, Zone Z14 Port, b4, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14.4.0-1, Zone Z14 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP14.4.0, Zone Z14 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP15.1.1-1, Zone Z15 Port, b1, h1, l.ext1



| COMP | STAGE DES |                  | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-----------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1         | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1         | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1         | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP15.1.1, Zone Z15 Port, b1, h1

| COMP | STAGE DES |                  | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-----------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1         | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1         | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1         | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1         | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP15.1.2-1, Zone Z15 Port, b1, h2, 1.ext1

| COMP | STAGE DES |                  | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-----------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1         | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1         | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1         | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP15.1.2, Zone Z15 Port, b1, h2

| COMP | STAGE DES |                  | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-----------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1         | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1         | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1         | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1         | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP15.1.0-1, Zone Z15 Port, b1, 1.ext1

| COMP | STAGE DES |                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-----------|---------------------|-------|-----------|----------|----------|----------|
| 11P  | 1         | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1         | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1         | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1         | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| RA02 | 1         | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP15.1.0, Zone Z15 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP15.2.1-1, Zone Z15 Port, b2, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP15.2.1, Zone Z15 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP15.2.2-1, Zone Z15 Port, b2, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP15.2.2, Zone Z15 Port, b2, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP15.2.0-1, Zone Z15 Port, b2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP15.2.0, Zone Z15 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP15.3.1-1, Zone Z15 Port, b3, h1, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP15.3.1, Zone Z15 Port, b3, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP15.3.2-1, Zone Z15 Port, b3, h2, 1.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP15.3.2, Zone Z15 Port, b3, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP15.3.0-1, Zone Z15 Port, b3, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP15.3.0, Zone Z15 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP16.1.1, Zone Z16 Port, b1, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP16.1.2, Zone Z16 Port, b1, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP16.1.0, Zone Z16 Port, b1

| COMP | STAGE DES |                  | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-----------|------------------|-------|-----------|----------|----------|----------|
| 01C  | 1         | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1         | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |
| RA01 | 1         | Bosun store      | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP16.2.1, Zone Z16 Port, b2, h1

| COMP | STAGE DES |                  | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-----------|------------------|-------|-----------|----------|----------|----------|
| 01C  | 1         | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP16.2.2, Zone Z16 Port, b2, h2

| COMP | STAGE DES |                  | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-----------|------------------|-------|-----------|----------|----------|----------|
| 01C  | 1         | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1         | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP16.2.0, Zone Z16 Port, b2

| COMP | STAGE DES |                  | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-----------|------------------|-------|-----------|----------|----------|----------|
| 01C  | 1         | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1         | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |
| RA01 | 1         | Bosun store      | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Multi-zone damages (2361 damages)

DAMAGED COMPARTMENTS

Damage case : SDSP1-2.1.1, Zones Z01-Z02 Port, b1, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |

Damage case : SDSP1-2.1.2, Zones Z01-Z02 Port, b1, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |

Damage case : SDSP1-2.1.0, Zones Z01-Z02 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |

Damage case : SDSP1-2.2.1-1, Zones Z01-Z02 Port, b2, h1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.2.1, Zones Z01-Z02 Port, b2, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.2.2-1, Zones Z01-Z02 Port, b2, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.2.2, Zones Z01-Z02 Port, b2, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.2.0-1, Zones Z01-Z02 Port, b2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.2.0, Zones Z01-Z02 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.3.1-1, Zones Z01-Z02 Port, b3, h1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.3.1, Zones Z01-Z02 Port, b3, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.3.2-1, Zones Z01-Z02 Port, b3, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.3.2, Zones Z01-Z02 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.3.0-1, Zones Z01-Z02 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.3.0, Zones Z01-Z02 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |







| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.4.1, Zones Z01-Z02 Port, b4, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.4.2-1, Zones Z01-Z02 Port, b4, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.4.2, Zones Z01-Z02 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.4.0-1, Zones Z01-Z02 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.4.0, Zones Z01-Z02 Port, b4





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.5.1-1, Zones Z01-Z02 Port, b5, h1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.5.1, Zones Z01-Z02 Port, b5, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.5.2-1, Zones Z01-Z02 Port, b5, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.5.2, Zones Z01-Z02 Port, b5, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.5.0-1, Zones Z01-Z02 Port, b5, l.ext1



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP1-2.5.0, Zones Z01-Z02 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP2-3.1.1, Zones Z02-Z03 Port, b1, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.1.2, Zones Z02-Z03 Port, b1, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.1.0, Zones Z02-Z03 Port, b1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.2.1-2, Zones Z02-Z03 Port, b2, h1, l.ext2



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.2.1, Zones Z02-Z03 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.2.2-2, Zones Z02-Z03 Port, b2, h2, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.2.2, Zones Z02-Z03 Port, b2, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.2.0-2, Zones Z02-Z03 Port, b2, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.2.0, Zones Z02-Z03 Port, b2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.3.1-2, Zones Z02-Z03 Port, b3, h1, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.3.1, Zones Z02-Z03 Port, b3, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.3.2-2, Zones Z02-Z03 Port, b3, h2, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.3.2, Zones Z02-Z03 Port, b3, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.3.0-2, Zones Z02-Z03 Port, b3, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.3.0, Zones Z02-Z03 Port, b3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.4.1-2, Zones Z02-Z03 Port, b4, h1, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.4.1, Zones Z02-Z03 Port, b4, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.4.2-2, Zones Z02-Z03 Port, b4, h2, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.4.2, Zones Z02-Z03 Port, b4, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.4.0-2, Zones Z02-Z03 Port, b4, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-3.4.0, Zones Z02-Z03 Port, b4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP3-4.1.1-3, Zones Z03-Z04 Port, b1, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.1.1, Zones Z03-Z04 Port, b1, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.1.2-3, Zones Z03-Z04 Port, b1, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.1.2, Zones Z03-Z04 Port, b1, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.1.0-3, Zones Z03-Z04 Port, b1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.1.0, Zones Z03-Z04 Port, b1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.2.1-3, Zones Z03-Z04 Port, b2, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.2.1, Zones Z03-Z04 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.2.2-3, Zones Z03-Z04 Port, b2, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.2.2, Zones Z03-Z04 Port, b2, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.2.0-3, Zones Z03-Z04 Port, b2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.2.0, Zones Z03-Z04 Port, b2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.3.1-2, Zones Z03-Z04 Port, b3, h1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.3.1-3, Zones Z03-Z04 Port, b3, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.3.1, Zones Z03-Z04 Port, b3, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.3.2-2, Zones Z03-Z04 Port, b3, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.3.2-3, Zones Z03-Z04 Port, b3, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.3.2, Zones Z03-Z04 Port, b3, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.3.0-2, Zones Z03-Z04 Port, b3, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.3.0-3, Zones Z03-Z04 Port, b3, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-4.3.0, Zones Z03-Z04 Port, b3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP4-5.1.1-3, Zones Z04-Z05 Port, b1, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.1.1, Zones Z04-Z05 Port, b1, h1



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.1.2-3, Zones Z04-Z05 Port, b1, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.1.2, Zones Z04-Z05 Port, b1, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.1.0-3, Zones Z04-Z05 Port, b1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.1.0, Zones Z04-Z05 Port, b1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.2.1-2, Zones Z04-Z05 Port, b2, h1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.2.1-3, Zones Z04-Z05 Port, b2, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.2.1, Zones Z04-Z05 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.2.2-2, Zones Z04-Z05 Port, b2, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.2.2-3, Zones Z04-Z05 Port, b2, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.2.2, Zones Z04-Z05 Port, b2, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.2.0-2, Zones Z04-Z05 Port, b2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.2.0-3, Zones Z04-Z05 Port, b2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-5.2.0, Zones Z04-Z05 Port, b2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP5-6.1.1-3, Zones Z05-Z06 Port, b1, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-6.1.1-4, Zones Z05-Z06 Port, b1, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-6.1.1, Zones Z05-Z06 Port, b1, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-6.1.2-3, Zones Z05-Z06 Port, b1, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.1.2-4, Zones Z05-Z06 Port, b1, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.1.2, Zones Z05-Z06 Port, b1, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.1.0-3, Zones Z05-Z06 Port, b1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.1.0-4, Zones Z05-Z06 Port, b1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.1.0, Zones Z05-Z06 Port, b1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.2.1-3, Zones Z05-Z06 Port, b2, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-6.2.1-4, Zones Z05-Z06 Port, b2, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-6.2.1, Zones Z05-Z06 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-6.2.2-3, Zones Z05-Z06 Port, b2, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.2.2-4, Zones Z05-Z06 Port, b2, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.2.2, Zones Z05-Z06 Port, b2, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.2.0-3, Zones Z05-Z06 Port, b2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.2.0-4, Zones Z05-Z06 Port, b2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.2.0, Zones Z05-Z06 Port, b2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.3.1-3, Zones Z05-Z06 Port, b3, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-6.3.1-4, Zones Z05-Z06 Port, b3, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-6.3.1, Zones Z05-Z06 Port, b3, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-6.3.2-3, Zones Z05-Z06 Port, b3, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.3.2-4, Zones Z05-Z06 Port, b3, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.3.2, Zones Z05-Z06 Port, b3, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.3.0-3, Zones Z05-Z06 Port, b3, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.3.0-4, Zones Z05-Z06 Port, b3, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.3.0, Zones Z05-Z06 Port, b3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.4.1-2, Zones Z05-Z06 Port, b4, h1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-6.4.1-3, Zones Z05-Z06 Port, b4, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP5-6.4.1-4, Zones Z05-Z06 Port, b4, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-6.4.1, Zones Z05-Z06 Port, b4, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-6.4.2-2, Zones Z05-Z06 Port, b4, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.4.2-3, Zones Z05-Z06 Port, b4, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.4.2-4, Zones Z05-Z06 Port, b4, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.4.2, Zones Z05-Z06 Port, b4, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.4.0-2, Zones Z05-Z06 Port, b4, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.4.0-3, Zones Z05-Z06 Port, b4, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.4.0-4, Zones Z05-Z06 Port, b4, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-6.4.0, Zones Z05-Z06 Port, b4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6-7.1.1-2, Zones Z06-Z07 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6-7.1.1, Zones Z06-Z07 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP6-7.1.2-2, Zones Z06-Z07 Port, b1, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6-7.1.2, Zones Z06-Z07 Port, b1, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6-7.1.0-2, Zones Z06-Z07 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6-7.1.0, Zones Z06-Z07 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP6-7.2.1-2, Zones Z06-Z07 Port, b2, h1, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO              | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP6-7.2.1, Zones Z06-Z07 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO              | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.2.2-2, Zones Z06-Z07 Port, b2, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP6-7.2.2, Zones Z06-Z07 Port, b2, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.2.0-2, Zones Z06-Z07 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP6-7.2.0, Zones Z06-Z07 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.3.1-2, Zones Z06-Z07 Port, b3, h1, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO              | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP6-7.3.1, Zones Z06-Z07 Port, b3, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO              | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop  | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.3.2-2, Zones Z06-Z07 Port, b3, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP6-7.3.2, Zones Z06-Z07 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.3.0-2, Zones Z06-Z07 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP6-7.3.0, Zones Z06-Z07 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.4.1-1, Zones Z06-Z07 Port, b4, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO              | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop  | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.4.1-2, Zones Z06-Z07 Port, b4, h1, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO              | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP6-7.4.1, Zones Z06-Z07 Port, b4, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO              | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop  | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C | 1     | Water ballast    | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.4.2-1, Zones Z06-Z07 Port, b4, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.4.2-2, Zones Z06-Z07 Port, b4, h2, l.ext2



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP6-7.4.2, Zones Z06-Z07 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.4.0-1, Zones Z06-Z07 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.4.0-2, Zones Z06-Z07 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP6-7.4.0, Zones Z06-Z07 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.5.1-1, Zones Z06-Z07 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room   | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.5.1-2, Zones Z06-Z07 Port, b5, h1, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO              | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP6-7.5.1, Zones Z06-Z07 Port, b5, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room   | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C | 1     | Water ballast     | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.5.2-1, Zones Z06-Z07 Port, b5, h2, l.ext1





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.5.2-2, Zones Z06-Z07 Port, b5, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP6-7.5.2, Zones Z06-Z07 Port, b5, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.5.0-1, Zones Z06-Z07 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-7.5.0-2, Zones Z06-Z07 Port, b5, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP6-7.5.0, Zones Z06-Z07 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP7-8.1.1-2, Zones Z07-Z08 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP7-8.1.1, Zones Z07-Z08 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP7-8.1.2-2, Zones Z07-Z08 Port, b1, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.1.2, Zones Z07-Z08 Port, b1, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.1.0-2, Zones Z07-Z08 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-8.1.0, Zones Z07-Z08 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-8.2.1-2, Zones Z07-Z08 Port, b2, h1, l.ext2





| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank     | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO              | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP7-8.2.1, Zones Z07-Z08 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank      | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank     | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO              | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP7-8.2.2-2, Zones Z07-Z08 Port, b2, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.2.2, Zones Z07-Z08 Port, b2, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.2.0-2, Zones Z07-Z08 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-8.2.0, Zones Z07-Z08 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-8.3.1-2, Zones Z07-Z08 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.3.1, Zones Z07-Z08 Port, b3, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.3.2-2, Zones Z07-Z08 Port, b3, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.3.2, Zones Z07-Z08 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.3.0-2, Zones Z07-Z08 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-8.3.0, Zones Z07-Z08 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-8.4.1-1, Zones Z07-Z08 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.4.1-2, Zones Z07-Z08 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.4.1, Zones Z07-Z08 Port, b4, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast     | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.4.2-1, Zones Z07-Z08 Port, b4, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.4.2-2, Zones Z07-Z08 Port, b4, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.4.2, Zones Z07-Z08 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.4.0-1, Zones Z07-Z08 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-8.4.0-2, Zones Z07-Z08 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-8.4.0, Zones Z07-Z08 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-8.5.1-1, Zones Z07-Z08 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP7-8.5.1-2, Zones Z07-Z08 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.5.1, Zones Z07-Z08 Port, b5, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast     | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP7-8.5.2-1, Zones Z07-Z08 Port, b5, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP7-8.5.2-2, Zones Z07-Z08 Port, b5, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-8.5.2, Zones Z07-Z08 Port, b5, h2



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP7-8.5.0-1, Zones Z07-Z08 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-8.5.0-2, Zones Z07-Z08 Port, b5, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-8.5.0, Zones Z07-Z08 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8-9.1.1-2, Zones Z08-Z09 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP8-9.1.1, Zones Z08-Z09 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP8-9.1.2-2, Zones Z08-Z09 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8-9.1.2, Zones Z08-Z09 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8-9.1.0-2, Zones Z08-Z09 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8-9.1.0, Zones Z08-Z09 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8-9.2.1-2, Zones Z08-Z09 Port, b2, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP8-9.2.1, Zones Z08-Z09 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP8-9.2.2-2, Zones Z08-Z09 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8-9.2.2, Zones Z08-Z09 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8-9.2.0, Zones Z08-Z09 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8-9.3.1-1, Zones Z08-Z09 Port, b3, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8-9.3.1-2, Zones Z08-Z09 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8-9.3.1, Zones Z08-Z09 Port, b3, h1

| COMP | STAGE | DES             | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank     | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank    | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO             | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room     | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store    | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP8-9.3.2-1, Zones Z08-Z09 Port, b3, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8-9.3.2-2, Zones Z08-Z09 Port, b3, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP8-9.3.2, Zones Z08-Z09 Port, b3, h2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank        | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank       | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP8-9.3.0-1, Zones Z08-Z09 Port, b3, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room  | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8-9.3.0-2, Zones Z08-Z09 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP8-9.3.0, Zones Z08-Z09 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP9-10.1.1-2, Zones Z09-Z10 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP9-10.1.1, Zones Z09-Z10 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP9-10.1.2-2, Zones Z09-Z10 Port, b1, h2, l.ext2







| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP9-10.1.2, Zones Z09-Z10 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP9-10.1.0-2, Zones Z09-Z10 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP9-10.1.0, Zones Z09-Z10 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP9-10.2.1-2, Zones Z09-Z10 Port, b2, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.2.1, Zones Z09-Z10 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.2.2-2, Zones Z09-Z10 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.2.2, Zones Z09-Z10 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.2.0-2, Zones Z09-Z10 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.2.0, Zones Z09-Z10 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.3.1-1, Zones Z09-Z10 Port, b3, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.3.1-2, Zones Z09-Z10 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.3.1, Zones Z09-Z10 Port, b3, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

| COMP | STAGE | DES | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----|-------|-----------|----------|----------|----------|
| 221P | 1     | MDO | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.3.2-1, Zones Z09-Z10 Port, b3, h2, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.3.2-2, Zones Z09-Z10 Port, b3, h2, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.3.2, Zones Z09-Z10 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.3.0-1, Zones Z09-Z10 Port, b3, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.3.0-2, Zones Z09-Z10 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.3.0, Zones Z09-Z10 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.4.1-1, Zones Z09-Z10 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.4.1-2, Zones Z09-Z10 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.4.1, Zones Z09-Z10 Port, b4, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.4.2-1, Zones Z09-Z10 Port, b4, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |



| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.4.2-2, Zones Z09-Z10 Port, b4, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.4.2, Zones Z09-Z10 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.4.0-1, Zones Z09-Z10 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.4.0-2, Zones Z09-Z10 Port, b4, l.ext2





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.4.0, Zones Z09-Z10 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.5.1-1, Zones Z09-Z10 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.5.1-2, Zones Z09-Z10 Port, b5, h1, l.ext2

| COMP | STAGE | DES             | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank    | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO             | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room     | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store    | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.5.1, Zones Z09-Z10 Port, b5, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.5.2-1, Zones Z09-Z10 Port, b5, h2, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.5.2-2, Zones Z09-Z10 Port, b5, h2, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.5.2, Zones Z09-Z10 Port, b5, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.5.0-1, Zones Z09-Z10 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.5.0-2, Zones Z09-Z10 Port, b5, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-10.5.0, Zones Z09-Z10 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP10-11.1.1-2, Zones Z10-Z11 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP10-11.1.1, Zones Z10-Z11 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP10-11.1.2-2, Zones Z10-Z11 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10-11.1.2, Zones Z10-Z11 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10-11.1.0-2, Zones Z10-Z11 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10-11.1.0, Zones Z10-Z11 Port, b1





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10-11.2.1-2, Zones Z10-Z11 Port, b2, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP10-11.2.1, Zones Z10-Z11 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP10-11.2.2-2, Zones Z10-Z11 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10-11.2.2, Zones Z10-Z11 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10-11.2.0-2, Zones Z10-Z11 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10-11.2.0, Zones Z10-Z11 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10-11.3.1-2, Zones Z10-Z11 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10-11.3.1, Zones Z10-Z11 Port, b3, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10-11.3.2-2, Zones Z10-Z11 Port, b3, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

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Damage case : SDSP10-11.3.2, Zones Z10-Z11 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

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Damage case : SDSP10-11.3.0-2, Zones Z10-Z11 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

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Damage case : SDSP10-11.3.0, Zones Z10-Z11 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

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Damage case : SDSP10-11.4.1-1, Zones Z10-Z11 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

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Damage case : SDSP10-11.4.1-2, Zones Z10-Z11 Port, b4, h1, l.ext2





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10-11.4.1, Zones Z10-Z11 Port, b4, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP10-11.4.2-1, Zones Z10-Z11 Port, b4, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10-11.4.2-2, Zones Z10-Z11 Port, b4, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10-11.4.2, Zones Z10-Z11 Port, b4, h2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP10-11.4.0-1, Zones Z10-Z11 Port, b4, l.ext1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10-11.4.0-2, Zones Z10-Z11 Port, b4, l.ext2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10-11.4.0, Zones Z10-Z11 Port, b4

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP10-11.5.1-1, Zones Z10-Z11 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10-11.5.1-2, Zones Z10-Z11 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10-11.5.1, Zones Z10-Z11 Port, b5, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP10-11.5.2-1, Zones Z10-Z11 Port, b5, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10-11.5.2-2, Zones Z10-Z11 Port, b5, h2, l.ext2



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP10-11.5.2, Zones Z10-Z11 Port, b5, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP10-11.5.0-1, Zones Z10-Z11 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10-11.5.0-2, Zones Z10-Z11 Port, b5, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP10-11.5.0, Zones Z10-Z11 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP11-12.1.1-1, Zones Z11-Z12 Port, b1, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.1.1-2, Zones Z11-Z12 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.1.1, Zones Z11-Z12 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.1.2-1, Zones Z11-Z12 Port, b1, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.1.2-2, Zones Z11-Z12 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.1.2, Zones Z11-Z12 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.1.0-1, Zones Z11-Z12 Port, b1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.1.0-2, Zones Z11-Z12 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.1.0, Zones Z11-Z12 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.2.1-1, Zones Z11-Z12 Port, b2, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.2.1-2, Zones Z11-Z12 Port, b2, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.2.1, Zones Z11-Z12 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.2.2-1, Zones Z11-Z12 Port, b2, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.2.2-2, Zones Z11-Z12 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.2.2, Zones Z11-Z12 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.2.0-1, Zones Z11-Z12 Port, b2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.2.0-2, Zones Z11-Z12 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.2.0, Zones Z11-Z12 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.3.1-1, Zones Z11-Z12 Port, b3, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.3.1-2, Zones Z11-Z12 Port, b3, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.3.1, Zones Z11-Z12 Port, b3, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.3.2-1, Zones Z11-Z12 Port, b3, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.3.2-2, Zones Z11-Z12 Port, b3, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.3.2, Zones Z11-Z12 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.3.0-1, Zones Z11-Z12 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.3.0-2, Zones Z11-Z12 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.3.0, Zones Z11-Z12 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.4.1-1, Zones Z11-Z12 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.4.1-2, Zones Z11-Z12 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.4.1, Zones Z11-Z12 Port, b4, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.4.2-1, Zones Z11-Z12 Port, b4, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.4.2-2, Zones Z11-Z12 Port, b4, h2, l.ext2



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.4.2, Zones Z11-Z12 Port, b4, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.4.0-1, Zones Z11-Z12 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.4.0-2, Zones Z11-Z12 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.4.0, Zones Z11-Z12 Port, b4





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.5.1-1, Zones Z11-Z12 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.5.1-2, Zones Z11-Z12 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.5.1, Zones Z11-Z12 Port, b5, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.5.2-1, Zones Z11-Z12 Port, b5, h2, l.ext1



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.5.2-2, Zones Z11-Z12 Port, b5, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.5.2, Zones Z11-Z12 Port, b5, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.5.0-1, Zones Z11-Z12 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.5.0-2, Zones Z11-Z12 Port, b5, l.ext2







| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.5.0, Zones Z11-Z12 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.6.1-1, Zones Z11-Z12 Port, b6, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.6.1-2, Zones Z11-Z12 Port, b6, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.6.1, Zones Z11-Z12 Port, b6, h1





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.6.2-1, Zones Z11-Z12 Port, b6, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.6.2-2, Zones Z11-Z12 Port, b6, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.6.2, Zones Z11-Z12 Port, b6, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.6.0-2, Zones Z11-Z12 Port, b6, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.6.0, Zones Z11-Z12 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.7.1-1, Zones Z11-Z12 Port, b7, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

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Damage case : SDSP11-12.7.1-2, Zones Z11-Z12 Port, b7, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

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Damage case : SDSP11-12.7.1, Zones Z11-Z12 Port, b7, h1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

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Damage case : SDSP11-12.7.2-1, Zones Z11-Z12 Port, b7, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

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Damage case : SDSP11-12.7.2-2, Zones Z11-Z12 Port, b7, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |



Damage case : SDSP11-12.7.2, Zones Z11-Z12 Port, b7, h2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.7.0-1, Zones Z11-Z12 Port, b7, l.ext1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.7.0-2, Zones Z11-Z12 Port, b7, l.ext2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-12.7.0, Zones Z11-Z12 Port, b7

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP12-13.1.1-2, Zones Z12-Z13 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.1.1-3, Zones Z12-Z13 Port, b1, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.1.1, Zones Z12-Z13 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.1.2-2, Zones Z12-Z13 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.1.2-3, Zones Z12-Z13 Port, b1, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.1.2, Zones Z12-Z13 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.1.0-2, Zones Z12-Z13 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.1.0-3, Zones Z12-Z13 Port, b1, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.1.0, Zones Z12-Z13 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.2.1-2, Zones Z12-Z13 Port, b2, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.2.1-3, Zones Z12-Z13 Port, b2, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.2.1, Zones Z12-Z13 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.2.2-2, Zones Z12-Z13 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.2.2-3, Zones Z12-Z13 Port, b2, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.2.2, Zones Z12-Z13 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.2.0-2, Zones Z12-Z13 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.2.0-3, Zones Z12-Z13 Port, b2, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.2.0, Zones Z12-Z13 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.3.1-2, Zones Z12-Z13 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.3.1-3, Zones Z12-Z13 Port, b3, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.3.1, Zones Z12-Z13 Port, b3, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.3.2-2, Zones Z12-Z13 Port, b3, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.3.2-3, Zones Z12-Z13 Port, b3, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.3.2, Zones Z12-Z13 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.3.0-2, Zones Z12-Z13 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.3.0-3, Zones Z12-Z13 Port, b3, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.3.0, Zones Z12-Z13 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.4.1-2, Zones Z12-Z13 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.4.1-3, Zones Z12-Z13 Port, b4, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.4.1, Zones Z12-Z13 Port, b4, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.4.2-2, Zones Z12-Z13 Port, b4, h2, l.ext2



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.4.2-3, Zones Z12-Z13 Port, b4, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.4.2, Zones Z12-Z13 Port, b4, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.4.0-2, Zones Z12-Z13 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.4.0-3, Zones Z12-Z13 Port, b4, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.4.0, Zones Z12-Z13 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.5.1-2, Zones Z12-Z13 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.5.1-3, Zones Z12-Z13 Port, b5, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.5.1, Zones Z12-Z13 Port, b5, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.5.2-2, Zones Z12-Z13 Port, b5, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.5.2-3, Zones Z12-Z13 Port, b5, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.5.2, Zones Z12-Z13 Port, b5, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.5.0-2, Zones Z12-Z13 Port, b5, l.ext2





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.5.0-3, Zones Z12-Z13 Port, b5, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.5.0, Zones Z12-Z13 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.6.1-2, Zones Z12-Z13 Port, b6, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |







| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.6.1, Zones Z12-Z13 Port, b6, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.6.2-2, Zones Z12-Z13 Port, b6, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.6.2-3, Zones Z12-Z13 Port, b6, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.6.2, Zones Z12-Z13 Port, b6, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.6.0-2, Zones Z12-Z13 Port, b6, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.6.0-3, Zones Z12-Z13 Port, b6, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.6.0, Zones Z12-Z13 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.7.1-2, Zones Z12-Z13 Port, b7, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.7.1-3, Zones Z12-Z13 Port, b7, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.7.1, Zones Z12-Z13 Port, b7, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.7.2-2, Zones Z12-Z13 Port, b7, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.7.2-3, Zones Z12-Z13 Port, b7, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.7.2, Zones Z12-Z13 Port, b7, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.7.0-2, Zones Z12-Z13 Port, b7, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.7.0-3, Zones Z12-Z13 Port, b7, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.7.0, Zones Z12-Z13 Port, b7

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.8.1-2, Zones Z12-Z13 Port, b8, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.8.1-3, Zones Z12-Z13 Port, b8, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.8.1, Zones Z12-Z13 Port, b8, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.8.2-2, Zones Z12-Z13 Port, b8, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.8.2-3, Zones Z12-Z13 Port, b8, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.8.2, Zones Z12-Z13 Port, b8, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.8.0-2, Zones Z12-Z13 Port, b8, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.8.0-3, Zones Z12-Z13 Port, b8, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-13.8.0, Zones Z12-Z13 Port, b8

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201S | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP13-14.1.1-3, Zones Z13-Z14 Port, b1, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP13-14.1.1-4, Zones Z13-Z14 Port, b1, h1, l.ext4

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP13-14.1.1, Zones Z13-Z14 Port, b1, h1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP13-14.1.2-3, Zones Z13-Z14 Port, b1, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.1.2-4, Zones Z13-Z14 Port, b1, h2, l.ext4



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.1.2, Zones Z13-Z14 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.1.0-3, Zones Z13-Z14 Port, b1, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.1.0-4, Zones Z13-Z14 Port, b1, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.1.0, Zones Z13-Z14 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.2.1-3, Zones Z13-Z14 Port, b2, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP13-14.2.1-4, Zones Z13-Z14 Port, b2, h1, l.ext4

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP13-14.2.1, Zones Z13-Z14 Port, b2, h1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank     | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP13-14.2.2-3, Zones Z13-Z14 Port, b2, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.2.2-4, Zones Z13-Z14 Port, b2, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.2.0-3, Zones Z13-Z14 Port, b2, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.2.0-4, Zones Z13-Z14 Port, b2, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.2.0, Zones Z13-Z14 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.3.1-3, Zones Z13-Z14 Port, b3, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.3.1-4, Zones Z13-Z14 Port, b3, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.3.1, Zones Z13-Z14 Port, b3, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.3.2-3, Zones Z13-Z14 Port, b3, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.3.2-4, Zones Z13-Z14 Port, b3, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.3.2, Zones Z13-Z14 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.3.0-3, Zones Z13-Z14 Port, b3, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.3.0-4, Zones Z13-Z14 Port, b3, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.3.0, Zones Z13-Z14 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.4.1-3, Zones Z13-Z14 Port, b4, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.4.1-4, Zones Z13-Z14 Port, b4, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.4.1, Zones Z13-Z14 Port, b4, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.4.2-3, Zones Z13-Z14 Port, b4, h2, l.ext3



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.4.2-4, Zones Z13-Z14 Port, b4, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.4.2, Zones Z13-Z14 Port, b4, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.4.0-3, Zones Z13-Z14 Port, b4, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.4.0-4, Zones Z13-Z14 Port, b4, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.4.0, Zones Z13-Z14 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.5.1-3, Zones Z13-Z14 Port, b5, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.5.1-4, Zones Z13-Z14 Port, b5, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.5.1, Zones Z13-Z14 Port, b5, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.5.2-3, Zones Z13-Z14 Port, b5, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.5.2-4, Zones Z13-Z14 Port, b5, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.5.2, Zones Z13-Z14 Port, b5, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.5.0-3, Zones Z13-Z14 Port, b5, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.5.0-4, Zones Z13-Z14 Port, b5, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.5.0, Zones Z13-Z14 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.6.1-3, Zones Z13-Z14 Port, b6, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.6.1-4, Zones Z13-Z14 Port, b6, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.6.1, Zones Z13-Z14 Port, b6, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.6.2-3, Zones Z13-Z14 Port, b6, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.6.2-4, Zones Z13-Z14 Port, b6, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.6.2, Zones Z13-Z14 Port, b6, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.6.0-3, Zones Z13-Z14 Port, b6, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.6.0-4, Zones Z13-Z14 Port, b6, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.6.0, Zones Z13-Z14 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.7.1-2, Zones Z13-Z14 Port, b7, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.7.1-3, Zones Z13-Z14 Port, b7, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.7.1-4, Zones Z13-Z14 Port, b7, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.7.1, Zones Z13-Z14 Port, b7, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.7.2-2, Zones Z13-Z14 Port, b7, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.7.2-3, Zones Z13-Z14 Port, b7, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.7.2-4, Zones Z13-Z14 Port, b7, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.7.2, Zones Z13-Z14 Port, b7, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.7.0-2, Zones Z13-Z14 Port, b7, l.ext2





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.7.0-3, Zones Z13-Z14 Port, b7, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.7.0-4, Zones Z13-Z14 Port, b7, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.7.0, Zones Z13-Z14 Port, b7

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.8.1-2, Zones Z13-Z14 Port, b8, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.8.1-3, Zones Z13-Z14 Port, b8, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.8.1-4, Zones Z13-Z14 Port, b8, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201S | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.8.1, Zones Z13-Z14 Port, b8, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.8.2-2, Zones Z13-Z14 Port, b8, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.8.2-3, Zones Z13-Z14 Port, b8, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.8.2-4, Zones Z13-Z14 Port, b8, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.8.2, Zones Z13-Z14 Port, b8, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.8.0-2, Zones Z13-Z14 Port, b8, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.8.0-3, Zones Z13-Z14 Port, b8, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-14.8.0, Zones Z13-Z14 Port, b8

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14-15.1.1-1, Zones Z14-Z15 Port, b1, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14-15.1.1, Zones Z14-Z15 Port, b1, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14-15.1.2-1, Zones Z14-Z15 Port, b1, h2, l.ext1



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP14-15.1.2, Zones Z14-Z15 Port, b1, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP14-15.1.0-1, Zones Z14-Z15 Port, b1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP14-15.1.0, Zones Z14-Z15 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP14-15.2.1-1, Zones Z14-Z15 Port, b2, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14-15.2.1, Zones Z14-Z15 Port, b2, h1



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14-15.2.2-1, Zones Z14-Z15 Port, b2, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP14-15.2.2, Zones Z14-Z15 Port, b2, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP14-15.2.0-1, Zones Z14-Z15 Port, b2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP14-15.2.0, Zones Z14-Z15 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |





| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14-15.3.1, Zones Z14-Z15 Port, b3, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP14-15.3.2-1, Zones Z14-Z15 Port, b3, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP14-15.3.2, Zones Z14-Z15 Port, b3, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP14-15.3.0-1, Zones Z14-Z15 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| RA01 | 1     | Bosun store | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP14-15.3.0, Zones Z14-Z15 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP14-15.4.1-1, Zones Z14-Z15 Port, b4, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP14-15.4.1, Zones Z14-Z15 Port, b4, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP14-15.4.2-1, Zones Z14-Z15 Port, b4, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP14-15.4.2, Zones Z14-Z15 Port, b4, h2







| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP14-15.4.0-1, Zones Z14-Z15 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP14-15.4.0, Zones Z14-Z15 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP14-15.5.1-1, Zones Z14-Z15 Port, b5, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP14-15.5.1, Zones Z14-Z15 Port, b5, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP14-15.5.2-1, Zones Z14-Z15 Port, b5, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP14-15.5.2, Zones Z14-Z15 Port, b5, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP14-15.5.0-1, Zones Z14-Z15 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP14-15.5.0, Zones Z14-Z15 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP14-15.6.1-1, Zones Z14-Z15 Port, b6, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP14-15.6.1, Zones Z14-Z15 Port, b6, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP14-15.6.2-1, Zones Z14-Z15 Port, b6, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP14-15.6.2, Zones Z14-Z15 Port, b6, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP14-15.6.0-1, Zones Z14-Z15 Port, b6, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP14-15.6.0, Zones Z14-Z15 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP15-16.1.1-1, Zones Z15-Z16 Port, b1, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP15-16.1.1, Zones Z15-Z16 Port, b1, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP15-16.1.2-1, Zones Z15-Z16 Port, b1, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.1.2, Zones Z15-Z16 Port, b1, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.1.0-1, Zones Z15-Z16 Port, b1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.1.0, Zones Z15-Z16 Port, b1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1     | Bosun store      | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 01C  | 1     | WB Forepeak tank   | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store        | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.2.1-1, Zones Z15-Z16 Port, b2, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP15-16.2.1, Zones Z15-Z16 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP15-16.2.2-1, Zones Z15-Z16 Port, b2, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.2.2, Zones Z15-Z16 Port, b2, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.2.0-1, Zones Z15-Z16 Port, b2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.2.0, Zones Z15-Z16 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.3.1-1, Zones Z15-Z16 Port, b3, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP15-16.3.1, Zones Z15-Z16 Port, b3, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP15-16.3.2-1, Zones Z15-Z16 Port, b3, h2, l.ext1



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.3.2, Zones Z15-Z16 Port, b3, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.3.0-1, Zones Z15-Z16 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.3.0, Zones Z15-Z16 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.4.1-1, Zones Z15-Z16 Port, b4, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP15-16.4.1, Zones Z15-Z16 Port, b4, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP15-16.4.2-1, Zones Z15-Z16 Port, b4, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.4.2, Zones Z15-Z16 Port, b4, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.4.0-1, Zones Z15-Z16 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP15-16.4.0, Zones Z15-Z16 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP1-3.1.1, Zones Z01-Z03 Port, b1, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.1.2, Zones Z01-Z03 Port, b1, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.1.0, Zones Z01-Z03 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.2.1-2, Zones Z01-Z03 Port, b2, h1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.2.1, Zones Z01-Z03 Port, b2, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.2.2-2, Zones Z01-Z03 Port, b2, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.2.2, Zones Z01-Z03 Port, b2, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.2.0-2, Zones Z01-Z03 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.2.0, Zones Z01-Z03 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.3.1-2, Zones Z01-Z03 Port, b3, h1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.3.1, Zones Z01-Z03 Port, b3, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.3.2-2, Zones Z01-Z03 Port, b3, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.3.2, Zones Z01-Z03 Port, b3, h2





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.3.0-2, Zones Z01-Z03 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.3.0, Zones Z01-Z03 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.4.1-2, Zones Z01-Z03 Port, b4, h1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.4.1, Zones Z01-Z03 Port, b4, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |



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Damage case : SDSP1-3.4.2-2, Zones Z01-Z03 Port, b4, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

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Damage case : SDSP1-3.4.2, Zones Z01-Z03 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

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Damage case : SDSP1-3.4.0-2, Zones Z01-Z03 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

-----  
Damage case : SDSP1-3.4.0, Zones Z01-Z03 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

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Damage case : SDSP1-3.5.1-2, Zones Z01-Z03 Port, b5, h1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.5.1, Zones Z01-Z03 Port, b5, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.5.2-2, Zones Z01-Z03 Port, b5, h2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.5.2, Zones Z01-Z03 Port, b5, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.5.0-2, Zones Z01-Z03 Port, b5, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.5.0, Zones Z01-Z03 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.6.1-2, Zones Z01-Z03 Port, b6, h1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.6.1, Zones Z01-Z03 Port, b6, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.6.2-2, Zones Z01-Z03 Port, b6, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.6.2, Zones Z01-Z03 Port, b6, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.6.0-2, Zones Z01-Z03 Port, b6, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP1-3.6.0, Zones Z01-Z03 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C  | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P  | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P  | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P  | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

Damage case : SDSP2-4.1.1-4, Zones Z02-Z04 Port, b1, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.1.1, Zones Z02-Z04 Port, b1, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.1.2-4, Zones Z02-Z04 Port, b1, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.1.2, Zones Z02-Z04 Port, b1, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.1.0-4, Zones Z02-Z04 Port, b1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.1.0, Zones Z02-Z04 Port, b1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.2.1-3, Zones Z02-Z04 Port, b2, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.2.1-4, Zones Z02-Z04 Port, b2, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.2.1, Zones Z02-Z04 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.2.2-3, Zones Z02-Z04 Port, b2, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.2.2-4, Zones Z02-Z04 Port, b2, h2, l.ext4



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.2.2, Zones Z02-Z04 Port, b2, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.2.0-3, Zones Z02-Z04 Port, b2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.2.0-4, Zones Z02-Z04 Port, b2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.2.0, Zones Z02-Z04 Port, b2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.3.1-3, Zones Z02-Z04 Port, b3, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.3.1-4, Zones Z02-Z04 Port, b3, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.3.1, Zones Z02-Z04 Port, b3, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.3.2-3, Zones Z02-Z04 Port, b3, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.3.2-4, Zones Z02-Z04 Port, b3, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.3.2, Zones Z02-Z04 Port, b3, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.3.0-3, Zones Z02-Z04 Port, b3, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.3.0-4, Zones Z02-Z04 Port, b3, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.3.0, Zones Z02-Z04 Port, b3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.4.1-2, Zones Z02-Z04 Port, b4, h1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.4.1-3, Zones Z02-Z04 Port, b4, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.4.1-4, Zones Z02-Z04 Port, b4, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.4.1, Zones Z02-Z04 Port, b4, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.4.2-2, Zones Z02-Z04 Port, b4, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.4.2-3, Zones Z02-Z04 Port, b4, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.4.2-4, Zones Z02-Z04 Port, b4, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.4.2, Zones Z02-Z04 Port, b4, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.4.0-2, Zones Z02-Z04 Port, b4, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.4.0-3, Zones Z02-Z04 Port, b4, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.4.0-4, Zones Z02-Z04 Port, b4, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.4.0, Zones Z02-Z04 Port, b4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.5.1-2, Zones Z02-Z04 Port, b5, h1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.5.1-3, Zones Z02-Z04 Port, b5, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.5.1-4, Zones Z02-Z04 Port, b5, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.5.1, Zones Z02-Z04 Port, b5, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.5.2-2, Zones Z02-Z04 Port, b5, h2, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 52P  | 1     | WB wing aft tank | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C  | 1     | WB tank          | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50  | 1     | Propulsion room  | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106 | 1     | Warehouse        | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P  | 1     | WB wing aft tank | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P  | 1     | WB L-tank        | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.5.2-3, Zones Z02-Z04 Port, b5, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.5.2-4, Zones Z02-Z04 Port, b5, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.5.2, Zones Z02-Z04 Port, b5, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.5.0-2, Zones Z02-Z04 Port, b5, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |







| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.5.0-4, Zones Z02-Z04 Port, b5, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-4.5.0, Zones Z02-Z04 Port, b5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP3-5.1.1-4, Zones Z03-Z05 Port, b1, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.1.1, Zones Z03-Z05 Port, b1, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.1.2-4, Zones Z03-Z05 Port, b1, h2, l.ext4



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.1.2, Zones Z03-Z05 Port, b1, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.1.0-4, Zones Z03-Z05 Port, b1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.1.0, Zones Z03-Z05 Port, b1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.2.1-4, Zones Z03-Z05 Port, b2, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.2.1, Zones Z03-Z05 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.2.2-4, Zones Z03-Z05 Port, b2, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.2.2, Zones Z03-Z05 Port, b2, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.2.0-4, Zones Z03-Z05 Port, b2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.2.0, Zones Z03-Z05 Port, b2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.3.1-4, Zones Z03-Z05 Port, b3, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.3.1, Zones Z03-Z05 Port, b3, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.3.2-3, Zones Z03-Z05 Port, b3, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.3.2-4, Zones Z03-Z05 Port, b3, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.3.2, Zones Z03-Z05 Port, b3, h2





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.3.0-3, Zones Z03-Z05 Port, b3, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.3.0-4, Zones Z03-Z05 Port, b3, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-5.3.0, Zones Z03-Z05 Port, b3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP4-6.1.1-4, Zones Z04-Z06 Port, b1, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-6.1.1-5, Zones Z04-Z06 Port, b1, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-6.1.1, Zones Z04-Z06 Port, b1, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-6.1.2-4, Zones Z04-Z06 Port, b1, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.1.2-5, Zones Z04-Z06 Port, b1, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.1.2, Zones Z04-Z06 Port, b1, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.1.0-4, Zones Z04-Z06 Port, b1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.1.0-5, Zones Z04-Z06 Port, b1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.1.0, Zones Z04-Z06 Port, b1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.2.1-4, Zones Z04-Z06 Port, b2, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-6.2.1-5, Zones Z04-Z06 Port, b2, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-6.2.1, Zones Z04-Z06 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-6.2.2-4, Zones Z04-Z06 Port, b2, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.2.2-5, Zones Z04-Z06 Port, b2, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP4-6.2.2, Zones Z04-Z06 Port, b2, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP4-6.2.0-4, Zones Z04-Z06 Port, b2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP4-6.2.0-5, Zones Z04-Z06 Port, b2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP4-6.2.0, Zones Z04-Z06 Port, b2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP4-6.3.1-4, Zones Z04-Z06 Port, b3, h1, l.ext4







| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-6.3.1-5, Zones Z04-Z06 Port, b3, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-6.3.1, Zones Z04-Z06 Port, b3, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-6.3.2-4, Zones Z04-Z06 Port, b3, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.3.2-5, Zones Z04-Z06 Port, b3, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP4-6.3.2, Zones Z04-Z06 Port, b3, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP4-6.3.0-4, Zones Z04-Z06 Port, b3, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP4-6.3.0-5, Zones Z04-Z06 Port, b3, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP4-6.3.0, Zones Z04-Z06 Port, b3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP4-6.4.1-3, Zones Z04-Z06 Port, b4, h1, l.ext3





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-6.4.1-4, Zones Z04-Z06 Port, b4, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |

Damage case : SDSP4-6.4.1-5, Zones Z04-Z06 Port, b4, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-6.4.1, Zones Z04-Z06 Port, b4, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-6.4.2-3, Zones Z04-Z06 Port, b4, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.4.2-4, Zones Z04-Z06 Port, b4, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.4.2-5, Zones Z04-Z06 Port, b4, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.4.2, Zones Z04-Z06 Port, b4, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.4.0-3, Zones Z04-Z06 Port, b4, l.ext3







| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.4.0-4, Zones Z04-Z06 Port, b4, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.4.0-5, Zones Z04-Z06 Port, b4, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-6.4.0, Zones Z04-Z06 Port, b4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-7.1.1-3, Zones Z05-Z07 Port, b1, h1, l.ext3





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-7.1.1-4, Zones Z05-Z07 Port, b1, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-7.1.1, Zones Z05-Z07 Port, b1, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP5-7.1.2-3, Zones Z05-Z07 Port, b1, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-7.1.2-4, Zones Z05-Z07 Port, b1, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-7.1.2, Zones Z05-Z07 Port, b1, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-7.1.0-3, Zones Z05-Z07 Port, b1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-7.1.0-4, Zones Z05-Z07 Port, b1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-7.1.0, Zones Z05-Z07 Port, b1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP5-7.2.1-3, Zones Z05-Z07 Port, b2, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP5-7.2.1, Zones Z05-Z07 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.2.2-3, Zones Z05-Z07 Port, b2, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.2.2-4, Zones Z05-Z07 Port, b2, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP5-7.2.2, Zones Z05-Z07 Port, b2, h2



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.2.0-3, Zones Z05-Z07 Port, b2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.2.0-4, Zones Z05-Z07 Port, b2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP5-7.2.0, Zones Z05-Z07 Port, b2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.3.1-3, Zones Z05-Z07 Port, b3, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.3.1-4, Zones Z05-Z07 Port, b3, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP5-7.3.1, Zones Z05-Z07 Port, b3, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.3.2-3, Zones Z05-Z07 Port, b3, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.3.2-4, Zones Z05-Z07 Port, b3, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP5-7.3.2, Zones Z05-Z07 Port, b3, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.3.0-3, Zones Z05-Z07 Port, b3, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.3.0-4, Zones Z05-Z07 Port, b3, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP5-7.3.0, Zones Z05-Z07 Port, b3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.4.1-2, Zones Z05-Z07 Port, b4, h1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.4.1-3, Zones Z05-Z07 Port, b4, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.4.1-4, Zones Z05-Z07 Port, b4, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP5-7.4.1, Zones Z05-Z07 Port, b4, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.4.2-2, Zones Z05-Z07 Port, b4, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.4.2-3, Zones Z05-Z07 Port, b4, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.4.2-4, Zones Z05-Z07 Port, b4, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP5-7.4.2, Zones Z05-Z07 Port, b4, h2



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.4.0-2, Zones Z05-Z07 Port, b4, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.4.0-3, Zones Z05-Z07 Port, b4, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.4.0-4, Zones Z05-Z07 Port, b4, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP5-7.4.0, Zones Z05-Z07 Port, b4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.5.1-1, Zones Z05-Z07 Port, b5, h1, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.5.1-2, Zones Z05-Z07 Port, b5, h1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.5.1-3, Zones Z05-Z07 Port, b5, h1, l.ext3



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.5.1-4, Zones Z05-Z07 Port, b5, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP5-7.5.1, Zones Z05-Z07 Port, b5, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.5.2-1, Zones Z05-Z07 Port, b5, h2, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.5.2-2, Zones Z05-Z07 Port, b5, h2, l.ext2

| COMP   | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|--------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P    | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50    | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106   | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C   | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P   | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P   | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105   | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20    | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31    | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32    | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103   | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30    | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P   | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.5.2-3, Zones Z05-Z07 Port, b5, h2, l.ext3

| COMP   | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|--------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106   | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C   | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P   | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P   | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50    | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105   | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20    | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31    | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32    | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103   | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30    | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P   | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.5.2-4, Zones Z05-Z07 Port, b5, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP5-7.5.2, Zones Z05-Z07 Port, b5, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.5.0-1, Zones Z05-Z07 Port, b5, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.5.0-2, Zones Z05-Z07 Port, b5, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.5.0-3, Zones Z05-Z07 Port, b5, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-7.5.0-4, Zones Z05-Z07 Port, b5, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP5-7.5.0, Zones Z05-Z07 Port, b5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP6-8.1.1-2, Zones Z06-Z08 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP6-8.1.1, Zones Z06-Z08 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP6-8.1.2-2, Zones Z06-Z08 Port, b1, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.1.2, Zones Z06-Z08 Port, b1, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.1.0-2, Zones Z06-Z08 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-8.1.0, Zones Z06-Z08 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-8.2.1-2, Zones Z06-Z08 Port, b2, h1, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO              | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank     | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO              | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP6-8.2.1, Zones Z06-Z08 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO              | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP6-8.2.2-2, Zones Z06-Z08 Port, b2, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.2.2, Zones Z06-Z08 Port, b2, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.2.0-2, Zones Z06-Z08 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-8.2.0, Zones Z06-Z08 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-8.3.1-2, Zones Z06-Z08 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.3.1, Zones Z06-Z08 Port, b3, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.3.2-2, Zones Z06-Z08 Port, b3, h2, l.ext2



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.3.2, Zones Z06-Z08 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.3.0-2, Zones Z06-Z08 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-8.3.0, Zones Z06-Z08 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-8.4.1-1, Zones Z06-Z08 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.4.1-2, Zones Z06-Z08 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.4.1, Zones Z06-Z08 Port, b4, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C | 1     | Water ballast     | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.4.2-1, Zones Z06-Z08 Port, b4, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.4.2-2, Zones Z06-Z08 Port, b4, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.4.2, Zones Z06-Z08 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.4.0-1, Zones Z06-Z08 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-8.4.0-2, Zones Z06-Z08 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-8.4.0, Zones Z06-Z08 Port, b4



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-8.5.1-1, Zones Z06-Z08 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room   | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP6-8.5.1-2, Zones Z06-Z08 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.5.1, Zones Z06-Z08 Port, b5, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room   | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C | 1     | Water ballast     | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP6-8.5.2-1, Zones Z06-Z08 Port, b5, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP6-8.5.2-2, Zones Z06-Z08 Port, b5, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-8.5.2, Zones Z06-Z08 Port, b5, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP6-8.5.0-1, Zones Z06-Z08 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-8.5.0-2, Zones Z06-Z08 Port, b5, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |



Damage case : SDSP6-8.5.0, Zones Z06-Z08 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-9.1.1-2, Zones Z07-Z09 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP7-9.1.1, Zones Z07-Z09 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP7-9.1.2-2, Zones Z07-Z09 Port, b1, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.1.2, Zones Z07-Z09 Port, b1, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.1.0-2, Zones Z07-Z09 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-9.1.0, Zones Z07-Z09 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-9.2.1-2, Zones Z07-Z09 Port, b2, h1, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank     | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO              | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP7-9.2.1, Zones Z07-Z09 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank      | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank     | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

| COMP | STAGE | DES | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----|-------|-----------|----------|----------|----------|
| 222P | 1     | MDO | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP7-9.2.2-2, Zones Z07-Z09 Port, b2, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.2.2, Zones Z07-Z09 Port, b2, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.2.0-2, Zones Z07-Z09 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-9.2.0, Zones Z07-Z09 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-9.3.1-1, Zones Z07-Z09 Port, b3, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.3.1-2, Zones Z07-Z09 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.3.1, Zones Z07-Z09 Port, b3, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP7-9.3.2-1, Zones Z07-Z09 Port, b3, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.3.2-2, Zones Z07-Z09 Port, b3, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.3.2, Zones Z07-Z09 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto  | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP7-9.3.0-1, Zones Z07-Z09 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-9.3.0-2, Zones Z07-Z09 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-9.3.0, Zones Z07-Z09 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP7-9.4.1-1, Zones Z07-Z09 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.4.1-2, Zones Z07-Z09 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.4.1, Zones Z07-Z09 Port, b4, h1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room   | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank        | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast      | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank       | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank        | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank       | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP7-9.4.2-1, Zones Z07-Z09 Port, b4, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.4.2-2, Zones Z07-Z09 Port, b4, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.4.2, Zones Z07-Z09 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto  | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP7-9.4.0-1, Zones Z07-Z09 Port, b4, l.ext1



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-9.4.0-2, Zones Z07-Z09 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-9.4.0, Zones Z07-Z09 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP7-9.5.1-1, Zones Z07-Z09 Port, b5, h1, l.ext1





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP7-9.5.1-2, Zones Z07-Z09 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.5.1, Zones Z07-Z09 Port, b5, h1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room   | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank        | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast      | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank       | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank        | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank       | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP7-9.5.2-1, Zones Z07-Z09 Port, b5, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP7-9.5.2-2, Zones Z07-Z09 Port, b5, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP7-9.5.2, Zones Z07-Z09 Port, b5, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 205P | 1     | Water ballast btto  | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP7-9.5.0-1, Zones Z07-Z09 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-9.5.0-2, Zones Z07-Z09 Port, b5, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP7-9.5.0, Zones Z07-Z09 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP8-10.1.1-2, Zones Z08-Z10 Port, b1, h1, l.ext2







| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP8-10.1.1, Zones Z08-Z10 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP8-10.1.2-2, Zones Z08-Z10 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP8-10.1.2, Zones Z08-Z10 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP8-10.1.0-2, Zones Z08-Z10 Port, b1, l.ext2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank       | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP8-10.1.0, Zones Z08-Z10 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP8-10.2.1-2, Zones Z08-Z10 Port, b2, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.2.1, Zones Z08-Z10 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.2.2-2, Zones Z08-Z10 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.2.2, Zones Z08-Z10 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.2.0-2, Zones Z08-Z10 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.2.0, Zones Z08-Z10 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.3.1-1, Zones Z08-Z10 Port, b3, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.3.1-2, Zones Z08-Z10 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.3.1, Zones Z08-Z10 Port, b3, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.3.2-1, Zones Z08-Z10 Port, b3, h2, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.3.2-2, Zones Z08-Z10 Port, b3, h2, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.3.2, Zones Z08-Z10 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.3.0-1, Zones Z08-Z10 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.3.0-2, Zones Z08-Z10 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.3.0, Zones Z08-Z10 Port, b3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room  | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.4.1-1, Zones Z08-Z10 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.4.1-2, Zones Z08-Z10 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.4.1, Zones Z08-Z10 Port, b4, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

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Damage case : SDSP8-10.4.2-1, Zones Z08-Z10 Port, b4, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

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Damage case : SDSP8-10.4.2-2, Zones Z08-Z10 Port, b4, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

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Damage case : SDSP8-10.4.2, Zones Z08-Z10 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

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Damage case : SDSP8-10.4.0-1, Zones Z08-Z10 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.4.0-2, Zones Z08-Z10 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.4.0, Zones Z08-Z10 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.5.1-1, Zones Z08-Z10 Port, b5, h1, l.ext1



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.5.1-2, Zones Z08-Z10 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.5.1, Zones Z08-Z10 Port, b5, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.5.2-1, Zones Z08-Z10 Port, b5, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.5.2-2, Zones Z08-Z10 Port, b5, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.5.2, Zones Z08-Z10 Port, b5, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.5.0-1, Zones Z08-Z10 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.5.0-2, Zones Z08-Z10 Port, b5, l.ext2





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-10.5.0, Zones Z08-Z10 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.1.1-2, Zones Z09-Z11 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP9-11.1.1, Zones Z09-Z11 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP9-11.1.2-2, Zones Z09-Z11 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP9-11.1.2, Zones Z09-Z11 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP9-11.1.0-2, Zones Z09-Z11 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP9-11.1.0, Zones Z09-Z11 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP9-11.2.1-2, Zones Z09-Z11 Port, b2, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.2.1, Zones Z09-Z11 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.2.2-2, Zones Z09-Z11 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.2.2, Zones Z09-Z11 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.2.0-2, Zones Z09-Z11 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.2.0, Zones Z09-Z11 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.3.1-1, Zones Z09-Z11 Port, b3, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.3.1-2, Zones Z09-Z11 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.3.1, Zones Z09-Z11 Port, b3, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |



| COMP | STAGE | DES | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----|-------|-----------|----------|----------|----------|
| 221P | 1     | MDO | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.3.2-1, Zones Z09-Z11 Port, b3, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.3.2-2, Zones Z09-Z11 Port, b3, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.3.2, Zones Z09-Z11 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.3.0-1, Zones Z09-Z11 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.3.0-2, Zones Z09-Z11 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.3.0, Zones Z09-Z11 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.4.1-1, Zones Z09-Z11 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.4.1-2, Zones Z09-Z11 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.4.1, Zones Z09-Z11 Port, b4, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP9-11.4.2-1, Zones Z09-Z11 Port, b4, h2, l.ext1

| COMP | STAGE | DES             | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank     | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank    | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO             | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room     | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store    | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.4.2-2, Zones Z09-Z11 Port, b4, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.4.2, Zones Z09-Z11 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP9-11.4.0-1, Zones Z09-Z11 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.4.0, Zones Z09-Z11 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP9-11.5.1-1, Zones Z09-Z11 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.5.1-2, Zones Z09-Z11 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.5.1, Zones Z09-Z11 Port, b5, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP9-11.5.2-1, Zones Z09-Z11 Port, b5, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.5.2-2, Zones Z09-Z11 Port, b5, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |



| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.5.2, Zones Z09-Z11 Port, b5, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP9-11.5.0-1, Zones Z09-Z11 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.5.0-2, Zones Z09-Z11 Port, b5, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP9-11.5.0, Zones Z09-Z11 Port, b5



| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank        | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank       | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP10-12.1.1-1, Zones Z10-Z12 Port, b1, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.1.1-2, Zones Z10-Z12 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.1.1, Zones Z10-Z12 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.1.2-1, Zones Z10-Z12 Port, b1, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.1.2-2, Zones Z10-Z12 Port, b1, h2, l.ext2



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.1.2, Zones Z10-Z12 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.1.0-1, Zones Z10-Z12 Port, b1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.1.0-2, Zones Z10-Z12 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.1.0, Zones Z10-Z12 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.2.1-1, Zones Z10-Z12 Port, b2, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.2.1-2, Zones Z10-Z12 Port, b2, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.2.1, Zones Z10-Z12 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.2.2-1, Zones Z10-Z12 Port, b2, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.2.2-2, Zones Z10-Z12 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.2.2, Zones Z10-Z12 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.2.0-1, Zones Z10-Z12 Port, b2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.2.0-2, Zones Z10-Z12 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.2.0, Zones Z10-Z12 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.3.1-1, Zones Z10-Z12 Port, b3, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.3.1-2, Zones Z10-Z12 Port, b3, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.3.1, Zones Z10-Z12 Port, b3, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.3.2-1, Zones Z10-Z12 Port, b3, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.3.2-2, Zones Z10-Z12 Port, b3, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.3.2, Zones Z10-Z12 Port, b3, h2



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.3.0-1, Zones Z10-Z12 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.3.0-2, Zones Z10-Z12 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.3.0, Zones Z10-Z12 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.4.1-1, Zones Z10-Z12 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.4.1-2, Zones Z10-Z12 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.4.1, Zones Z10-Z12 Port, b4, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.4.2-1, Zones Z10-Z12 Port, b4, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.4.2-2, Zones Z10-Z12 Port, b4, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.4.2, Zones Z10-Z12 Port, b4, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.4.0-1, Zones Z10-Z12 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.4.0-2, Zones Z10-Z12 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.4.0, Zones Z10-Z12 Port, b4





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.5.1-1, Zones Z10-Z12 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.5.1-2, Zones Z10-Z12 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.5.1, Zones Z10-Z12 Port, b5, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.5.2-1, Zones Z10-Z12 Port, b5, h2, l.ext1



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.5.2-2, Zones Z10-Z12 Port, b5, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.5.2, Zones Z10-Z12 Port, b5, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.5.0-1, Zones Z10-Z12 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.5.0-2, Zones Z10-Z12 Port, b5, l.ext2







| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.5.0, Zones Z10-Z12 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.6.1-1, Zones Z10-Z12 Port, b6, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.6.1-2, Zones Z10-Z12 Port, b6, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.6.1, Zones Z10-Z12 Port, b6, h1





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.6.2-1, Zones Z10-Z12 Port, b6, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.6.2-2, Zones Z10-Z12 Port, b6, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.6.2, Zones Z10-Z12 Port, b6, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |







| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.6.0-2, Zones Z10-Z12 Port, b6, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.6.0, Zones Z10-Z12 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.7.1-1, Zones Z10-Z12 Port, b7, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

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Damage case : SDSP10-12.7.1-2, Zones Z10-Z12 Port, b7, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

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Damage case : SDSP10-12.7.1, Zones Z10-Z12 Port, b7, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

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Damage case : SDSP10-12.7.2-1, Zones Z10-Z12 Port, b7, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

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Damage case : SDSP10-12.7.2-2, Zones Z10-Z12 Port, b7, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.7.2, Zones Z10-Z12 Port, b7, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.7.0-1, Zones Z10-Z12 Port, b7, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.7.0-2, Zones Z10-Z12 Port, b7, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.7.0, Zones Z10-Z12 Port, b7

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room  | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.8.1-1, Zones Z10-Z12 Port, b8, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.8.1-2, Zones Z10-Z12 Port, b8, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.8.1, Zones Z10-Z12 Port, b8, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.8.2-1, Zones Z10-Z12 Port, b8, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.8.2-2, Zones Z10-Z12 Port, b8, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.8.2, Zones Z10-Z12 Port, b8, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.8.0-1, Zones Z10-Z12 Port, b8, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.8.0-2, Zones Z10-Z12 Port, b8, l.ext2



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-12.8.0, Zones Z10-Z12 Port, b8

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP11-13.1.1-2, Zones Z11-Z13 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.1.1-3, Zones Z11-Z13 Port, b1, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.1.1, Zones Z11-Z13 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.1.2-2, Zones Z11-Z13 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.1.2-3, Zones Z11-Z13 Port, b1, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.1.2, Zones Z11-Z13 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.1.0-2, Zones Z11-Z13 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |



Damage case : SDSP11-13.1.0-3, Zones Z11-Z13 Port, b1, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.1.0, Zones Z11-Z13 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.2.1-2, Zones Z11-Z13 Port, b2, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.2.1-3, Zones Z11-Z13 Port, b2, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.2.1, Zones Z11-Z13 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.2.2-2, Zones Z11-Z13 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.2.2-3, Zones Z11-Z13 Port, b2, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.2.2, Zones Z11-Z13 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.2.0-2, Zones Z11-Z13 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.2.0-3, Zones Z11-Z13 Port, b2, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.2.0, Zones Z11-Z13 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.3.1-2, Zones Z11-Z13 Port, b3, h1, 1.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.3.1-3, Zones Z11-Z13 Port, b3, h1, 1.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.3.1, Zones Z11-Z13 Port, b3, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.3.2-2, Zones Z11-Z13 Port, b3, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.3.2-3, Zones Z11-Z13 Port, b3, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.3.2, Zones Z11-Z13 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.3.0-2, Zones Z11-Z13 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.3.0-3, Zones Z11-Z13 Port, b3, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.3.0, Zones Z11-Z13 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.4.1-2, Zones Z11-Z13 Port, b4, h1, l.ext2





| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.4.1-3, Zones Z11-Z13 Port, b4, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.4.1, Zones Z11-Z13 Port, b4, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.4.2-2, Zones Z11-Z13 Port, b4, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.4.2-3, Zones Z11-Z13 Port, b4, h2, l.ext3



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.4.2, Zones Z11-Z13 Port, b4, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.4.0-2, Zones Z11-Z13 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.4.0-3, Zones Z11-Z13 Port, b4, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.4.0, Zones Z11-Z13 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.5.1-2, Zones Z11-Z13 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.5.1-3, Zones Z11-Z13 Port, b5, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.5.1, Zones Z11-Z13 Port, b5, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.5.2-2, Zones Z11-Z13 Port, b5, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.5.2-3, Zones Z11-Z13 Port, b5, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.5.2, Zones Z11-Z13 Port, b5, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.5.0-3, Zones Z11-Z13 Port, b5, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.5.0, Zones Z11-Z13 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.6.1-2, Zones Z11-Z13 Port, b6, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.6.1-3, Zones Z11-Z13 Port, b6, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.6.1, Zones Z11-Z13 Port, b6, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.6.2-2, Zones Z11-Z13 Port, b6, h2, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room  | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.6.2-3, Zones Z11-Z13 Port, b6, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.6.2, Zones Z11-Z13 Port, b6, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.6.0-2, Zones Z11-Z13 Port, b6, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |



| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.6.0-3, Zones Z11-Z13 Port, b6, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.6.0, Zones Z11-Z13 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.7.1-2, Zones Z11-Z13 Port, b7, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.7.1, Zones Z11-Z13 Port, b7, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.7.2-2, Zones Z11-Z13 Port, b7, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.7.2-3, Zones Z11-Z13 Port, b7, h2, l.ext3

| COMP | STAGE | DES             | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank    | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO             | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room     | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store    | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.7.2, Zones Z11-Z13 Port, b7, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.7.0-2, Zones Z11-Z13 Port, b7, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.7.0-3, Zones Z11-Z13 Port, b7, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.7.0, Zones Z11-Z13 Port, b7

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.8.1-2, Zones Z11-Z13 Port, b8, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.8.1-3, Zones Z11-Z13 Port, b8, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.8.1, Zones Z11-Z13 Port, b8, h1







| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.8.2-2, Zones Z11-Z13 Port, b8, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.8.2-3, Zones Z11-Z13 Port, b8, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.8.2, Zones Z11-Z13 Port, b8, h2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.8.0-2, Zones Z11-Z13 Port, b8, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.8.0-3, Zones Z11-Z13 Port, b8, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.8.0, Zones Z11-Z13 Port, b8

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.9.1-2, Zones Z11-Z13 Port, b9, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.9.1-3, Zones Z11-Z13 Port, b9, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.9.1, Zones Z11-Z13 Port, b9, h1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.9.2-2, Zones Z11-Z13 Port, b9, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.9.2-3, Zones Z11-Z13 Port, b9, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.9.2, Zones Z11-Z13 Port, b9, h2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.9.0-2, Zones Z11-Z13 Port, b9, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.9.0-3, Zones Z11-Z13 Port, b9, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.9.0, Zones Z11-Z13 Port, b9

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.10.1-2, Zones Z11-Z13 Port, b10, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.10.1-3, Zones Z11-Z13 Port, b10, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.10.1, Zones Z11-Z13 Port, b10, h1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.10.2-2, Zones Z11-Z13 Port, b10, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.10.2-3, Zones Z11-Z13 Port, b10, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.10.2, Zones Z11-Z13 Port, b10, h2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.10.0-2, Zones Z11-Z13 Port, b10, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.10.0-3, Zones Z11-Z13 Port, b10, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.10.0, Zones Z11-Z13 Port, b10



| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.11.1-2, Zones Z11-Z13 Port, b11, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.11.1-3, Zones Z11-Z13 Port, b11, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.11.1, Zones Z11-Z13 Port, b11, h1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.11.2-2, Zones Z11-Z13 Port, b11, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.11.2-3, Zones Z11-Z13 Port, b11, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.11.2, Zones Z11-Z13 Port, b11, h2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.11.0-2, Zones Z11-Z13 Port, b11, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.11.0-3, Zones Z11-Z13 Port, b11, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-13.11.0, Zones Z11-Z13 Port, b11

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP12-14.1.1-1, Zones Z12-Z14 Port, b1, h1, l.ext1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water     | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP12-14.1.1-3, Zones Z12-Z14 Port, b1, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP12-14.1.1-4, Zones Z12-Z14 Port, b1, h1, l.ext4

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP12-14.1.1, Zones Z12-Z14 Port, b1, h1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water     | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP12-14.1.2-1, Zones Z12-Z14 Port, b1, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.1.2-3, Zones Z12-Z14 Port, b1, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.1.2-4, Zones Z12-Z14 Port, b1, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.1.2, Zones Z12-Z14 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.1.0-1, Zones Z12-Z14 Port, b1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.1.0-3, Zones Z12-Z14 Port, b1, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.1.0-4, Zones Z12-Z14 Port, b1, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.1.0, Zones Z12-Z14 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry    | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.2.1-1, Zones Z12-Z14 Port, b2, h1, l.ext1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water     | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank     | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP12-14.2.1-3, Zones Z12-Z14 Port, b2, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP12-14.2.1-4, Zones Z12-Z14 Port, b2, h1, l.ext4

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP12-14.2.1, Zones Z12-Z14 Port, b2, h1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water     | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank     | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP12-14.2.2-1, Zones Z12-Z14 Port, b2, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.2.2-3, Zones Z12-Z14 Port, b2, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.2.2-4, Zones Z12-Z14 Port, b2, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.2.2, Zones Z12-Z14 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.2.0-1, Zones Z12-Z14 Port, b2, l.ext1



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.2.0-3, Zones Z12-Z14 Port, b2, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.2.0-4, Zones Z12-Z14 Port, b2, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.2.0, Zones Z12-Z14 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.3.1-1, Zones Z12-Z14 Port, b3, h1, l.ext1





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP12-14.3.1-3, Zones Z12-Z14 Port, b3, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP12-14.3.1-4, Zones Z12-Z14 Port, b3, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP12-14.3.1, Zones Z12-Z14 Port, b3, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP12-14.3.2-1, Zones Z12-Z14 Port, b3, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.3.2-3, Zones Z12-Z14 Port, b3, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.3.2-4, Zones Z12-Z14 Port, b3, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.3.2, Zones Z12-Z14 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.3.0-1, Zones Z12-Z14 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.3.0-3, Zones Z12-Z14 Port, b3, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.3.0-4, Zones Z12-Z14 Port, b3, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.3.0, Zones Z12-Z14 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.4.1-1, Zones Z12-Z14 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.4.1-3, Zones Z12-Z14 Port, b4, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.4.1-4, Zones Z12-Z14 Port, b4, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.4.1, Zones Z12-Z14 Port, b4, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.4.2-1, Zones Z12-Z14 Port, b4, h2, l.ext1



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.4.2-3, Zones Z12-Z14 Port, b4, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.4.2-4, Zones Z12-Z14 Port, b4, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.4.2, Zones Z12-Z14 Port, b4, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.4.0-1, Zones Z12-Z14 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.4.0-3, Zones Z12-Z14 Port, b4, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.4.0-4, Zones Z12-Z14 Port, b4, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.4.0, Zones Z12-Z14 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.5.1-1, Zones Z12-Z14 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.5.1-3, Zones Z12-Z14 Port, b5, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.5.1-4, Zones Z12-Z14 Port, b5, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.5.1, Zones Z12-Z14 Port, b5, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.5.2-1, Zones Z12-Z14 Port, b5, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.5.2-3, Zones Z12-Z14 Port, b5, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.5.2-4, Zones Z12-Z14 Port, b5, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.5.2, Zones Z12-Z14 Port, b5, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.5.0-1, Zones Z12-Z14 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.5.0-3, Zones Z12-Z14 Port, b5, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.5.0-4, Zones Z12-Z14 Port, b5, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.5.0, Zones Z12-Z14 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.6.1-1, Zones Z12-Z14 Port, b6, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.6.1-3, Zones Z12-Z14 Port, b6, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.6.1-4, Zones Z12-Z14 Port, b6, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.6.1, Zones Z12-Z14 Port, b6, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.6.2-1, Zones Z12-Z14 Port, b6, h2, l.ext1



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.6.2-3, Zones Z12-Z14 Port, b6, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.6.2-4, Zones Z12-Z14 Port, b6, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.6.2, Zones Z12-Z14 Port, b6, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.6.0-1, Zones Z12-Z14 Port, b6, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.6.0-3, Zones Z12-Z14 Port, b6, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.6.0-4, Zones Z12-Z14 Port, b6, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.6.0, Zones Z12-Z14 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.7.1-1, Zones Z12-Z14 Port, b7, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.7.1-3, Zones Z12-Z14 Port, b7, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.7.1-4, Zones Z12-Z14 Port, b7, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.7.1, Zones Z12-Z14 Port, b7, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.7.2-1, Zones Z12-Z14 Port, b7, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.7.2-3, Zones Z12-Z14 Port, b7, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.7.2-4, Zones Z12-Z14 Port, b7, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.7.2, Zones Z12-Z14 Port, b7, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.7.0-1, Zones Z12-Z14 Port, b7, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.7.0-3, Zones Z12-Z14 Port, b7, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.7.0-4, Zones Z12-Z14 Port, b7, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.7.0, Zones Z12-Z14 Port, b7

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.8.1-1, Zones Z12-Z14 Port, b8, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.8.1-3, Zones Z12-Z14 Port, b8, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.8.1-4, Zones Z12-Z14 Port, b8, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.8.1, Zones Z12-Z14 Port, b8, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.8.2-1, Zones Z12-Z14 Port, b8, h2, l.ext1



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.8.2-3, Zones Z12-Z14 Port, b8, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.8.2-4, Zones Z12-Z14 Port, b8, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.8.2, Zones Z12-Z14 Port, b8, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.8.0-1, Zones Z12-Z14 Port, b8, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.8.0-3, Zones Z12-Z14 Port, b8, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.8.0-4, Zones Z12-Z14 Port, b8, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.8.0, Zones Z12-Z14 Port, b8

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.9.1-1, Zones Z12-Z14 Port, b9, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.9.1-3, Zones Z12-Z14 Port, b9, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.9.1-4, Zones Z12-Z14 Port, b9, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.9.1, Zones Z12-Z14 Port, b9, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.9.2-1, Zones Z12-Z14 Port, b9, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.9.2-3, Zones Z12-Z14 Port, b9, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.9.2-4, Zones Z12-Z14 Port, b9, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.9.2, Zones Z12-Z14 Port, b9, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.9.0-1, Zones Z12-Z14 Port, b9, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.9.0-3, Zones Z12-Z14 Port, b9, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.9.0-4, Zones Z12-Z14 Port, b9, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.9.0, Zones Z12-Z14 Port, b9

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.10.1-1, Zones Z12-Z14 Port, b10, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.10.1-3, Zones Z12-Z14 Port, b10, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.10.1-4, Zones Z12-Z14 Port, b10, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.10.1, Zones Z12-Z14 Port, b10, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.10.2-1, Zones Z12-Z14 Port, b10, h2, l.ext1



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.10.2-3, Zones Z12-Z14 Port, b10, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.10.2-4, Zones Z12-Z14 Port, b10, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.10.2, Zones Z12-Z14 Port, b10, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.10.0-1, Zones Z12-Z14 Port, b10, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.10.0-3, Zones Z12-Z14 Port, b10, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.10.0-4, Zones Z12-Z14 Port, b10, l.ext4





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.10.0, Zones Z12-Z14 Port, b10

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.11.1-1, Zones Z12-Z14 Port, b11, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.11.1-3, Zones Z12-Z14 Port, b11, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.11.1-4, Zones Z12-Z14 Port, b11, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.11.1, Zones Z12-Z14 Port, b11, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.11.2-1, Zones Z12-Z14 Port, b11, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.11.2-3, Zones Z12-Z14 Port, b11, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.11.2-4, Zones Z12-Z14 Port, b11, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.11.2, Zones Z12-Z14 Port, b11, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.11.0-1, Zones Z12-Z14 Port, b11, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.11.0-3, Zones Z12-Z14 Port, b11, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.11.0-4, Zones Z12-Z14 Port, b11, l.ext4







| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-14.11.0, Zones Z12-Z14 Port, b11

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-15.1.1-3, Zones Z13-Z15 Port, b1, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-15.1.1-4, Zones Z13-Z15 Port, b1, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-15.1.1, Zones Z13-Z15 Port, b1, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-15.1.2-3, Zones Z13-Z15 Port, b1, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP13-15.1.2-4, Zones Z13-Z15 Port, b1, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP13-15.1.2, Zones Z13-Z15 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP13-15.1.0-3, Zones Z13-Z15 Port, b1, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.1.0-4, Zones Z13-Z15 Port, b1, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.1.0, Zones Z13-Z15 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |





| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-15.2.1-4, Zones Z13-Z15 Port, b2, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-15.2.1, Zones Z13-Z15 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-15.2.2-3, Zones Z13-Z15 Port, b2, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP13-15.2.2-4, Zones Z13-Z15 Port, b2, h2, l.ext4



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP13-15.2.2, Zones Z13-Z15 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP13-15.2.0-3, Zones Z13-Z15 Port, b2, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.2.0-4, Zones Z13-Z15 Port, b2, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.2.0, Zones Z13-Z15 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.3.1-3, Zones Z13-Z15 Port, b3, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-15.3.1-4, Zones Z13-Z15 Port, b3, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-15.3.1, Zones Z13-Z15 Port, b3, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-15.3.2-3, Zones Z13-Z15 Port, b3, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP13-15.3.2-4, Zones Z13-Z15 Port, b3, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP13-15.3.2, Zones Z13-Z15 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP13-15.3.0-3, Zones Z13-Z15 Port, b3, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.3.0-4, Zones Z13-Z15 Port, b3, l.ext4



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.3.0, Zones Z13-Z15 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.4.1-3, Zones Z13-Z15 Port, b4, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-15.4.1-4, Zones Z13-Z15 Port, b4, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |





| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP13-15.4.2-3, Zones Z13-Z15 Port, b4, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP13-15.4.2-4, Zones Z13-Z15 Port, b4, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP13-15.4.2, Zones Z13-Z15 Port, b4, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |



Damage case : SDSP13-15.4.0-3, Zones Z13-Z15 Port, b4, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.4.0-4, Zones Z13-Z15 Port, b4, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.4.0, Zones Z13-Z15 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.5.1-3, Zones Z13-Z15 Port, b5, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.5.1-4, Zones Z13-Z15 Port, b5, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.5.1, Zones Z13-Z15 Port, b5, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.5.2-3, Zones Z13-Z15 Port, b5, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.5.2-4, Zones Z13-Z15 Port, b5, h2, l.ext4





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.5.2, Zones Z13-Z15 Port, b5, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.5.0-3, Zones Z13-Z15 Port, b5, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.5.0-4, Zones Z13-Z15 Port, b5, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 11S  | 1     | WB          | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB          | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.5.0, Zones Z13-Z15 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.6.1-3, Zones Z13-Z15 Port, b6, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.6.1-4, Zones Z13-Z15 Port, b6, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.6.1, Zones Z13-Z15 Port, b6, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.6.2-3, Zones Z13-Z15 Port, b6, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.6.2-4, Zones Z13-Z15 Port, b6, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.6.2, Zones Z13-Z15 Port, b6, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

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Damage case : SDSP13-15.6.0-3, Zones Z13-Z15 Port, b6, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

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Damage case : SDSP13-15.6.0-4, Zones Z13-Z15 Port, b6, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

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Damage case : SDSP13-15.6.0, Zones Z13-Z15 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

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Damage case : SDSP13-15.7.1-3, Zones Z13-Z15 Port, b7, h1, l.ext3



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.7.1-4, Zones Z13-Z15 Port, b7, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.7.1, Zones Z13-Z15 Port, b7, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.7.2-3, Zones Z13-Z15 Port, b7, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.7.2-4, Zones Z13-Z15 Port, b7, h2, l.ext4





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.7.2, Zones Z13-Z15 Port, b7, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.7.0-3, Zones Z13-Z15 Port, b7, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.7.0-4, Zones Z13-Z15 Port, b7, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 11S  | 1     | WB          | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB          | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.7.0, Zones Z13-Z15 Port, b7

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.8.1-3, Zones Z13-Z15 Port, b8, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.8.1-4, Zones Z13-Z15 Port, b8, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.8.1, Zones Z13-Z15 Port, b8, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.8.2-3, Zones Z13-Z15 Port, b8, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.8.2-4, Zones Z13-Z15 Port, b8, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.8.2, Zones Z13-Z15 Port, b8, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.8.0-3, Zones Z13-Z15 Port, b8, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.8.0-4, Zones Z13-Z15 Port, b8, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.8.0, Zones Z13-Z15 Port, b8

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.9.1-2, Zones Z13-Z15 Port, b9, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.9.1-3, Zones Z13-Z15 Port, b9, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.9.1-4, Zones Z13-Z15 Port, b9, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.9.1, Zones Z13-Z15 Port, b9, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.9.2-2, Zones Z13-Z15 Port, b9, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.9.2-3, Zones Z13-Z15 Port, b9, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.9.2-4, Zones Z13-Z15 Port, b9, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.9.2, Zones Z13-Z15 Port, b9, h2





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.9.0-2, Zones Z13-Z15 Port, b9, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.9.0-3, Zones Z13-Z15 Port, b9, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.9.0-4, Zones Z13-Z15 Port, b9, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.9.0, Zones Z13-Z15 Port, b9

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.10.1-2, Zones Z13-Z15 Port, b10, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.10.1-3, Zones Z13-Z15 Port, b10, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.10.1-4, Zones Z13-Z15 Port, b10, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201S | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.10.1, Zones Z13-Z15 Port, b10, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.10.2-2, Zones Z13-Z15 Port, b10, h2, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room  | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.10.2-3, Zones Z13-Z15 Port, b10, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.10.2-4, Zones Z13-Z15 Port, b10, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.10.2, Zones Z13-Z15 Port, b10, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP13-15.10.0-2, Zones Z13-Z15 Port, b10, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.10.0-3, Zones Z13-Z15 Port, b10, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.10.0-4, Zones Z13-Z15 Port, b10, l.ext4



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-15.10.0, Zones Z13-Z15 Port, b10

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP14-16.1.1-1, Zones Z14-Z16 Port, b1, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.1.1, Zones Z14-Z16 Port, b1, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.1.2-1, Zones Z14-Z16 Port, b1, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.1.2, Zones Z14-Z16 Port, b1, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.1.0-1, Zones Z14-Z16 Port, b1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.1.0, Zones Z14-Z16 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.2.1-1, Zones Z14-Z16 Port, b2, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.2.1, Zones Z14-Z16 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.2.2-1, Zones Z14-Z16 Port, b2, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.2.2, Zones Z14-Z16 Port, b2, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.2.0-1, Zones Z14-Z16 Port, b2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.2.0, Zones Z14-Z16 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.3.1-1, Zones Z14-Z16 Port, b3, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.3.1, Zones Z14-Z16 Port, b3, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.3.2-1, Zones Z14-Z16 Port, b3, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.3.2, Zones Z14-Z16 Port, b3, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.3.0-1, Zones Z14-Z16 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.3.0, Zones Z14-Z16 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.4.1-1, Zones Z14-Z16 Port, b4, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.4.1, Zones Z14-Z16 Port, b4, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.4.2-1, Zones Z14-Z16 Port, b4, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.4.2, Zones Z14-Z16 Port, b4, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.4.0-1, Zones Z14-Z16 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.4.0, Zones Z14-Z16 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.5.1-1, Zones Z14-Z16 Port, b5, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.5.1, Zones Z14-Z16 Port, b5, h1







| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.5.2-1, Zones Z14-Z16 Port, b5, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.5.2, Zones Z14-Z16 Port, b5, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.5.0-1, Zones Z14-Z16 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.5.0, Zones Z14-Z16 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.6.1-1, Zones Z14-Z16 Port, b6, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.6.1, Zones Z14-Z16 Port, b6, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.6.2-1, Zones Z14-Z16 Port, b6, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.6.2, Zones Z14-Z16 Port, b6, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.6.0-1, Zones Z14-Z16 Port, b6, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.6.0, Zones Z14-Z16 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.7.1-1, Zones Z14-Z16 Port, b7, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.7.1, Zones Z14-Z16 Port, b7, h1





| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP14-16.7.2-1, Zones Z14-Z16 Port, b7, h2, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.7.2, Zones Z14-Z16 Port, b7, h2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.7.0-1, Zones Z14-Z16 Port, b7, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP14-16.7.0, Zones Z14-Z16 Port, b7

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP1-4.1.1-4, Zones Z01-Z04 Port, b1, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.1.1, Zones Z01-Z04 Port, b1, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.1.2-4, Zones Z01-Z04 Port, b1, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.1.2, Zones Z01-Z04 Port, b1, h2



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.1.0-4, Zones Z01-Z04 Port, b1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.1.0, Zones Z01-Z04 Port, b1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.2.1-3, Zones Z01-Z04 Port, b2, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.2.1-4, Zones Z01-Z04 Port, b2, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

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Damage case : SDSP1-4.2.1, Zones Z01-Z04 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

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Damage case : SDSP1-4.2.2-3, Zones Z01-Z04 Port, b2, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

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Damage case : SDSP1-4.2.2-4, Zones Z01-Z04 Port, b2, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

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Damage case : SDSP1-4.2.2, Zones Z01-Z04 Port, b2, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

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Damage case : SDSP1-4.2.0-3, Zones Z01-Z04 Port, b2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.2.0-4, Zones Z01-Z04 Port, b2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.2.0, Zones Z01-Z04 Port, b2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.3.1-3, Zones Z01-Z04 Port, b3, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.3.1-4, Zones Z01-Z04 Port, b3, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.3.1, Zones Z01-Z04 Port, b3, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.3.2-3, Zones Z01-Z04 Port, b3, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.3.2-4, Zones Z01-Z04 Port, b3, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.3.2, Zones Z01-Z04 Port, b3, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.3.0-3, Zones Z01-Z04 Port, b3, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.3.0-4, Zones Z01-Z04 Port, b3, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.3.0, Zones Z01-Z04 Port, b3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.4.1-3, Zones Z01-Z04 Port, b4, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.4.1-4, Zones Z01-Z04 Port, b4, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.4.1, Zones Z01-Z04 Port, b4, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.4.2-3, Zones Z01-Z04 Port, b4, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.4.2-4, Zones Z01-Z04 Port, b4, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.4.2, Zones Z01-Z04 Port, b4, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.4.0-3, Zones Z01-Z04 Port, b4, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.4.0-4, Zones Z01-Z04 Port, b4, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.4.0, Zones Z01-Z04 Port, b4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.5.1-2, Zones Z01-Z04 Port, b5, h1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.5.1-3, Zones Z01-Z04 Port, b5, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.5.1-4, Zones Z01-Z04 Port, b5, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.5.1, Zones Z01-Z04 Port, b5, h1



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.5.2-2, Zones Z01-Z04 Port, b5, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.5.2-3, Zones Z01-Z04 Port, b5, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.5.2-4, Zones Z01-Z04 Port, b5, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.5.2, Zones Z01-Z04 Port, b5, h2





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.5.0-2, Zones Z01-Z04 Port, b5, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.5.0-3, Zones Z01-Z04 Port, b5, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.5.0-4, Zones Z01-Z04 Port, b5, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.5.0, Zones Z01-Z04 Port, b5



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.6.1-2, Zones Z01-Z04 Port, b6, h1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.6.1-3, Zones Z01-Z04 Port, b6, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.6.1-4, Zones Z01-Z04 Port, b6, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.6.1, Zones Z01-Z04 Port, b6, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.6.2-2, Zones Z01-Z04 Port, b6, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.6.2-3, Zones Z01-Z04 Port, b6, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.6.2-4, Zones Z01-Z04 Port, b6, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.6.2, Zones Z01-Z04 Port, b6, h2







| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.6.0-2, Zones Z01-Z04 Port, b6, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.6.0-3, Zones Z01-Z04 Port, b6, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.6.0-4, Zones Z01-Z04 Port, b6, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.6.0, Zones Z01-Z04 Port, b6



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.7.1-2, Zones Z01-Z04 Port, b7, h1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.7.1-3, Zones Z01-Z04 Port, b7, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.7.1-4, Zones Z01-Z04 Port, b7, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.7.1, Zones Z01-Z04 Port, b7, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.7.2-2, Zones Z01-Z04 Port, b7, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.7.2-3, Zones Z01-Z04 Port, b7, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.7.2-4, Zones Z01-Z04 Port, b7, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.7.2, Zones Z01-Z04 Port, b7, h2





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.7.0-2, Zones Z01-Z04 Port, b7, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.7.0-3, Zones Z01-Z04 Port, b7, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.7.0-4, Zones Z01-Z04 Port, b7, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP1-4.7.0, Zones Z01-Z04 Port, b7





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 61C   | 1     | Water ballast stern | 0.95  | 64.6      | -4.78    | 0.00     | 5.12     |
| 61P   | 1     | Water ballast ster. | 0.95  | 32.4      | -4.77    | -5.85    | 5.63     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |

Damage case : SDSP2-5.1.1-5, Zones Z02-Z05 Port, b1, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.1.1, Zones Z02-Z05 Port, b1, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.1.2-5, Zones Z02-Z05 Port, b1, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.1.2, Zones Z02-Z05 Port, b1, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.1.0-5, Zones Z02-Z05 Port, b1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.1.0, Zones Z02-Z05 Port, b1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.2.1-4, Zones Z02-Z05 Port, b2, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.2.1-5, Zones Z02-Z05 Port, b2, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

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Damage case : SDSP2-5.2.1, Zones Z02-Z05 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

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Damage case : SDSP2-5.2.2-4, Zones Z02-Z05 Port, b2, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

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Damage case : SDSP2-5.2.2-5, Zones Z02-Z05 Port, b2, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

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Damage case : SDSP2-5.2.2, Zones Z02-Z05 Port, b2, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

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Damage case : SDSP2-5.2.0-4, Zones Z02-Z05 Port, b2, l.ext4

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank        | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank                 | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room         | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse               | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank        | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan.0.95 |       | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.2.0-5, Zones Z02-Z05 Port, b2, l.ext5

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank        | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room         | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse               | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank        | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan.0.95 |       | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.2.0, Zones Z02-Z05 Port, b2

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank        | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank                 | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room         | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse               | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank        | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank               | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan.0.95 |       | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.3.1-4, Zones Z02-Z05 Port, b3, h1, l.ext4

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank        | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank                 | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room         | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank        | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan.0.95 |       | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.3.1-5, Zones Z02-Z05 Port, b3, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.3.1, Zones Z02-Z05 Port, b3, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.3.2-4, Zones Z02-Z05 Port, b3, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.3.2-5, Zones Z02-Z05 Port, b3, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.3.2, Zones Z02-Z05 Port, b3, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.3.0-4, Zones Z02-Z05 Port, b3, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.3.0-5, Zones Z02-Z05 Port, b3, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.3.0, Zones Z02-Z05 Port, b3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.4.1-3, Zones Z02-Z05 Port, b4, h1, l.ext3

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank        | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank                 | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room         | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank        | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank               | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan.0.95 |       | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.4.1-4, Zones Z02-Z05 Port, b4, h1, l.ext4

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank        | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank                 | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room         | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank        | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan.0.95 |       | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.4.1-5, Zones Z02-Z05 Port, b4, h1, l.ext5

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank        | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room         | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank        | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan.0.95 |       | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.4.1, Zones Z02-Z05 Port, b4, h1

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank        | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank                 | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room         | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank        | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt.0.95 |       | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank               | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan.0.95 |       | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.4.2-3, Zones Z02-Z05 Port, b4, h2, l.ext3



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.4.2-4, Zones Z02-Z05 Port, b4, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.4.2-5, Zones Z02-Z05 Port, b4, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.4.2, Zones Z02-Z05 Port, b4, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.4.0-3, Zones Z02-Z05 Port, b4, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.4.0-4, Zones Z02-Z05 Port, b4, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.4.0-5, Zones Z02-Z05 Port, b4, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.4.0, Zones Z02-Z05 Port, b4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.5.1-3, Zones Z02-Z05 Port, b5, h1, l.ext3

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank        | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank                 | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room         | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank        | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank               | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan.0.95 |       | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.5.1-4, Zones Z02-Z05 Port, b5, h1, l.ext4

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank        | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank                 | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room         | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank        | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan.0.95 |       | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.5.1-5, Zones Z02-Z05 Port, b5, h1, l.ext5

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank        | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room         | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank        | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan.0.95 |       | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.5.1, Zones Z02-Z05 Port, b5, h1

| COMP  | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank        | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank                 | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room         | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 51P   | 1     | WB wing aft tank        | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt.0.95 |       | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank               | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan.0.95 |       | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan.0.95 |       | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.5.2-3, Zones Z02-Z05 Port, b5, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.5.2-4, Zones Z02-Z05 Port, b5, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.5.2-5, Zones Z02-Z05 Port, b5, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.5.2, Zones Z02-Z05 Port, b5, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.5.0-3, Zones Z02-Z05 Port, b5, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.5.0-4, Zones Z02-Z05 Port, b5, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.5.0-5, Zones Z02-Z05 Port, b5, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP2-5.5.0, Zones Z02-Z05 Port, b5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 52P   | 1     | WB wing aft tank    | 0.95  | 39.1      | 0.71     | -7.84    | 5.57     |
| 52C   | 1     | WB tank             | 0.95  | 73.6      | -0.06    | 0.00     | 3.09     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |

Damage case : SDSP3-6.1.1-5, Zones Z03-Z06 Port, b1, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP3-6.1.1-6, Zones Z03-Z06 Port, b1, h1, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP3-6.1.1, Zones Z03-Z06 Port, b1, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP3-6.1.2-5, Zones Z03-Z06 Port, b1, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.1.2-6, Zones Z03-Z06 Port, b1, h2, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP3-6.1.2, Zones Z03-Z06 Port, b1, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP3-6.1.0-5, Zones Z03-Z06 Port, b1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP3-6.1.0-6, Zones Z03-Z06 Port, b1, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP3-6.1.0, Zones Z03-Z06 Port, b1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP3-6.2.1-5, Zones Z03-Z06 Port, b2, h1, l.ext5







| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP3-6.2.1-6, Zones Z03-Z06 Port, b2, h1, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP3-6.2.1, Zones Z03-Z06 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP3-6.2.2-5, Zones Z03-Z06 Port, b2, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.2.2-6, Zones Z03-Z06 Port, b2, h2, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.2.2, Zones Z03-Z06 Port, b2, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.2.0-5, Zones Z03-Z06 Port, b2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.2.0-6, Zones Z03-Z06 Port, b2, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.2.0, Zones Z03-Z06 Port, b2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.3.1-5, Zones Z03-Z06 Port, b3, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP3-6.3.1-6, Zones Z03-Z06 Port, b3, h1, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP3-6.3.1, Zones Z03-Z06 Port, b3, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP3-6.3.2-5, Zones Z03-Z06 Port, b3, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.3.2-6, Zones Z03-Z06 Port, b3, h2, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.3.2, Zones Z03-Z06 Port, b3, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.3.0-5, Zones Z03-Z06 Port, b3, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP3-6.3.0-6, Zones Z03-Z06 Port, b3, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

-----  
Damage case : SDSP3-6.3.0, Zones Z03-Z06 Port, b3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

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Damage case : SDSP3-6.4.1-5, Zones Z03-Z06 Port, b4, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

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Damage case : SDSP3-6.4.1-6, Zones Z03-Z06 Port, b4, h1, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |







| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP3-6.4.2-5, Zones Z03-Z06 Port, b4, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.4.2-6, Zones Z03-Z06 Port, b4, h2, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.4.2, Zones Z03-Z06 Port, b4, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.4.0-6, Zones Z03-Z06 Port, b4, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.4.0, Zones Z03-Z06 Port, b4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.5.1-4, Zones Z03-Z06 Port, b5, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP3-6.5.1-6, Zones Z03-Z06 Port, b5, h1, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP3-6.5.1, Zones Z03-Z06 Port, b5, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP3-6.5.2-4, Zones Z03-Z06 Port, b5, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.5.2-5, Zones Z03-Z06 Port, b5, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.5.2-6, Zones Z03-Z06 Port, b5, h2, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.5.2, Zones Z03-Z06 Port, b5, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.5.0-4, Zones Z03-Z06 Port, b5, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.5.0-5, Zones Z03-Z06 Port, b5, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.5.0-6, Zones Z03-Z06 Port, b5, l.ext6

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP3-6.5.0, Zones Z03-Z06 Port, b5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 51P   | 1     | WB wing aft tank    | 0.95  | 82.4      | 6.06     | -6.03    | 4.14     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-7.1.1-4, Zones Z04-Z07 Port, b1, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-7.1.1-5, Zones Z04-Z07 Port, b1, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-7.1.1, Zones Z04-Z07 Port, b1, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

Damage case : SDSP4-7.1.2-4, Zones Z04-Z07 Port, b1, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-7.1.2-5, Zones Z04-Z07 Port, b1, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-7.1.2, Zones Z04-Z07 Port, b1, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-7.1.0-4, Zones Z04-Z07 Port, b1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-7.1.0-5, Zones Z04-Z07 Port, b1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-7.1.0, Zones Z04-Z07 Port, b1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |

Damage case : SDSP4-7.2.1-4, Zones Z04-Z07 Port, b2, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.2.1-5, Zones Z04-Z07 Port, b2, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP4-7.2.1, Zones Z04-Z07 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.2.2-4, Zones Z04-Z07 Port, b2, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.2.2-5, Zones Z04-Z07 Port, b2, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP4-7.2.2, Zones Z04-Z07 Port, b2, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.2.0-4, Zones Z04-Z07 Port, b2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.2.0-5, Zones Z04-Z07 Port, b2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP4-7.2.0, Zones Z04-Z07 Port, b2





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.3.1-4, Zones Z04-Z07 Port, b3, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.3.1-5, Zones Z04-Z07 Port, b3, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP4-7.3.1, Zones Z04-Z07 Port, b3, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.3.2-4, Zones Z04-Z07 Port, b3, h2, l.ext4



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.3.2-5, Zones Z04-Z07 Port, b3, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP4-7.3.2, Zones Z04-Z07 Port, b3, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.3.0-4, Zones Z04-Z07 Port, b3, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

| COMP | STAGE | DES             | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|-------|-----------|----------|----------|----------|
| C32  | 1     | Engine workshop | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO             | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.3.0-5, Zones Z04-Z07 Port, b3, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP4-7.3.0, Zones Z04-Z07 Port, b3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.4.1-3, Zones Z04-Z07 Port, b4, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.4.1-4, Zones Z04-Z07 Port, b4, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.4.1-5, Zones Z04-Z07 Port, b4, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP4-7.4.1, Zones Z04-Z07 Port, b4, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.4.2-3, Zones Z04-Z07 Port, b4, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.4.2-4, Zones Z04-Z07 Port, b4, h2, l.ext4



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.4.2-5, Zones Z04-Z07 Port, b4, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP4-7.4.2, Zones Z04-Z07 Port, b4, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.4.0-3, Zones Z04-Z07 Port, b4, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.4.0-4, Zones Z04-Z07 Port, b4, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.4.0-5, Zones Z04-Z07 Port, b4, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP4-7.4.0, Zones Z04-Z07 Port, b4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.5.1-2, Zones Z04-Z07 Port, b5, h1, l.ext2







| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.5.1-3, Zones Z04-Z07 Port, b5, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.5.1-4, Zones Z04-Z07 Port, b5, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.5.1-5, Zones Z04-Z07 Port, b5, h1, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP4-7.5.1, Zones Z04-Z07 Port, b5, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.5.2-2, Zones Z04-Z07 Port, b5, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.5.2-3, Zones Z04-Z07 Port, b5, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.5.2-4, Zones Z04-Z07 Port, b5, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.5.2-5, Zones Z04-Z07 Port, b5, h2, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP4-7.5.2, Zones Z04-Z07 Port, b5, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.5.0-2, Zones Z04-Z07 Port, b5, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.5.0-3, Zones Z04-Z07 Port, b5, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.5.0-4, Zones Z04-Z07 Port, b5, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP4-7.5.0-5, Zones Z04-Z07 Port, b5, l.ext5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |

Damage case : SDSP4-7.5.0, Zones Z04-Z07 Port, b5

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED2 | 1     | Roll reduction tan. | 0.95  | 148.5     | 9.60     | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C | 1     | Water ballast     | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |

Damage case : SDSP5-8.1.1-3, Zones Z05-Z08 Port, b1, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP5-8.1.1-4, Zones Z05-Z08 Port, b1, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP5-8.1.1, Zones Z05-Z08 Port, b1, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP5-8.1.2-3, Zones Z05-Z08 Port, b1, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

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Damage case : SDSP5-8.1.2-4, Zones Z05-Z08 Port, b1, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

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Damage case : SDSP5-8.1.2, Zones Z05-Z08 Port, b1, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

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Damage case : SDSP5-8.1.0-3, Zones Z05-Z08 Port, b1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

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Damage case : SDSP5-8.1.0-4, Zones Z05-Z08 Port, b1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |







| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.2.1-3, Zones Z05-Z08 Port, b2, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP5-8.2.1-4, Zones Z05-Z08 Port, b2, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP5-8.2.1, Zones Z05-Z08 Port, b2, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |





| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.2.2-4, Zones Z05-Z08 Port, b2, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.2.2, Zones Z05-Z08 Port, b2, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.2.0-3, Zones Z05-Z08 Port, b2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.2.0-4, Zones Z05-Z08 Port, b2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.2.0, Zones Z05-Z08 Port, b2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.3.1-3, Zones Z05-Z08 Port, b3, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.3.1-4, Zones Z05-Z08 Port, b3, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.3.1, Zones Z05-Z08 Port, b3, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.3.2-3, Zones Z05-Z08 Port, b3, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.3.2-4, Zones Z05-Z08 Port, b3, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.3.2, Zones Z05-Z08 Port, b3, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |







| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.3.0-4, Zones Z05-Z08 Port, b3, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.3.0, Zones Z05-Z08 Port, b3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.4.1-2, Zones Z05-Z08 Port, b4, h1, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.4.1-3, Zones Z05-Z08 Port, b4, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.4.1-4, Zones Z05-Z08 Port, b4, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.4.1, Zones Z05-Z08 Port, b4, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.4.2-2, Zones Z05-Z08 Port, b4, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.4.2-3, Zones Z05-Z08 Port, b4, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.4.2-4, Zones Z05-Z08 Port, b4, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.4.2, Zones Z05-Z08 Port, b4, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.4.0-2, Zones Z05-Z08 Port, b4, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.4.0-3, Zones Z05-Z08 Port, b4, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.4.0-4, Zones Z05-Z08 Port, b4, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.4.0, Zones Z05-Z08 Port, b4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.5.1-1, Zones Z05-Z08 Port, b5, h1, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP5-8.5.1-2, Zones Z05-Z08 Port, b5, h1, l.ext2



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP5-8.5.1-3, Zones Z05-Z08 Port, b5, h1, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP5-8.5.1-4, Zones Z05-Z08 Port, b5, h1, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.5.1, Zones Z05-Z08 Port, b5, h1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP5-8.5.2-1, Zones Z05-Z08 Port, b5, h2, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP5-8.5.2-2, Zones Z05-Z08 Port, b5, h2, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP5-8.5.2-3, Zones Z05-Z08 Port, b5, h2, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP5-8.5.2-4, Zones Z05-Z08 Port, b5, h2, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP5-8.5.2, Zones Z05-Z08 Port, b5, h2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP5-8.5.0-1, Zones Z05-Z08 Port, b5, l.ext1

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.5.0-2, Zones Z05-Z08 Port, b5, l.ext2

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.5.0-3, Zones Z05-Z08 Port, b5, l.ext3

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.5.0-4, Zones Z05-Z08 Port, b5, l.ext4

| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP5-8.5.0, Zones Z05-Z08 Port, b5



| COMP  | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|-------|-------|---------------------|-------|-----------|----------|----------|----------|
| 401C  | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P   | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |
| RRED1 | 1     | Roll reduction tan. | 0.95  | 148.5     | 12.00    | 0.00     | 5.30     |
| C50   | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R106  | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 300C  | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P  | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P  | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105  | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C20   | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31   | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32   | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103  | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30   | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C  | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P  | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C  | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P  | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P  | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02  | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-9.1.1-2, Zones Z06-Z09 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP6-9.1.1, Zones Z06-Z09 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

Damage case : SDSP6-9.1.2-2, Zones Z06-Z09 Port, b1, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.1.2, Zones Z06-Z09 Port, b1, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.1.0-2, Zones Z06-Z09 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-9.1.0, Zones Z06-Z09 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-9.2.1-2, Zones Z06-Z09 Port, b2, h1, l.ext2

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO              | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank     | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO              | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP6-9.2.1, Zones Z06-Z09 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO              | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |



| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP6-9.2.2-2, Zones Z06-Z09 Port, b2, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.2.2, Zones Z06-Z09 Port, b2, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.2.0-2, Zones Z06-Z09 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-9.2.0, Zones Z06-Z09 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-9.3.1-1, Zones Z06-Z09 Port, b3, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.3.1-2, Zones Z06-Z09 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.3.1, Zones Z06-Z09 Port, b3, h1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank        | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank       | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room   | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank        | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank       | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP6-9.3.2-1, Zones Z06-Z09 Port, b3, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.3.2-2, Zones Z06-Z09 Port, b3, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.3.2, Zones Z06-Z09 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP6-9.3.0-1, Zones Z06-Z09 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-9.3.0-2, Zones Z06-Z09 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-9.3.0, Zones Z06-Z09 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP6-9.4.1-1, Zones Z06-Z09 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.4.1-2, Zones Z06-Z09 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.4.1, Zones Z06-Z09 Port, b4, h1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank        | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank       | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room   | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C | 1     | Water ballast      | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank        | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank       | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP6-9.4.2-1, Zones Z06-Z09 Port, b4, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.4.2-2, Zones Z06-Z09 Port, b4, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.4.2, Zones Z06-Z09 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP6-9.4.0-1, Zones Z06-Z09 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-9.4.0-2, Zones Z06-Z09 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |







| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP6-9.5.1-1, Zones Z06-Z09 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room   | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP6-9.5.1-2, Zones Z06-Z09 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO               | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.5.1, Zones Z06-Z09 Port, b5, h1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank        | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank       | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room    | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room   | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C | 1     | Water ballast      | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank        | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank       | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP6-9.5.2-1, Zones Z06-Z09 Port, b5, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |

Damage case : SDSP6-9.5.2-2, Zones Z06-Z09 Port, b5, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

Damage case : SDSP6-9.5.2, Zones Z06-Z09 Port, b5, h2





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP6-9.5.0-1, Zones Z06-Z09 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room     | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-9.5.0-2, Zones Z06-Z09 Port, b5, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 311P | 1     | MDO                 | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| RA02 | 1     | Accommodation on A.0.95 |       | 1704.2    | 40.39    | 0.00     | 11.66    |

Damage case : SDSP6-9.5.0, Zones Z06-Z09 Port, b5

| COMP | STAGE | DES                     | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank             | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 311P | 1     | MDO                     | 0.95  | 142.1     | 15.00    | -4.34    | 4.29     |
| 312P | 1     | WB wing tank            | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| C50  | 1     | Propulsion room         | 0.85  | 681.2     | 3.85     | 0.00     | 4.78     |
| R105 | 1     | Air conditioned st.     | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse               | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| C20  | 1     | Engine room             | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store            | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop         | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd       | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room        | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 301C | 1     | Water ballast           | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                     | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 204C | 1     | Void U-tank             | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank            | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                     | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02 | 1     | Accommodation on A.0.95 |       | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto.     | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSP7-10.1.1-2, Zones Z07-Z10 Port, b1, h1, 1.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP7-10.1.1, Zones Z07-Z10 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank  | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP7-10.1.2-2, Zones Z07-Z10 Port, b1, h2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP7-10.1.2, Zones Z07-Z10 Port, b1, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP7-10.1.0-2, Zones Z07-Z10 Port, b1, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP7-10.1.0, Zones Z07-Z10 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP7-10.2.1-2, Zones Z07-Z10 Port, b2, h1, 1.ext2



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank     | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO              | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 213P | 1     | WB wing tank     | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO              | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.2.1, Zones Z07-Z10 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank      | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO              | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank     | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank      | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank     | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO              | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 203C | 1     | Void U-tank      | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank     | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO              | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.2.2-2, Zones Z07-Z10 Port, b2, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.2.2, Zones Z07-Z10 Port, b2, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.2.0-2, Zones Z07-Z10 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.2.0, Zones Z07-Z10 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.3.1-1, Zones Z07-Z10 Port, b3, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.3.1-2, Zones Z07-Z10 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.3.1, Zones Z07-Z10 Port, b3, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.3.2-1, Zones Z07-Z10 Port, b3, h2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.3.2-2, Zones Z07-Z10 Port, b3, h2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.3.2, Zones Z07-Z10 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.3.0-1, Zones Z07-Z10 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.3.0, Zones Z07-Z10 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.4.1-1, Zones Z07-Z10 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |







| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.4.1, Zones Z07-Z10 Port, b4, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.4.2-1, Zones Z07-Z10 Port, b4, h2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.4.2-2, Zones Z07-Z10 Port, b4, h2, 1.ext2



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.4.2, Zones Z07-Z10 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.4.0-1, Zones Z07-Z10 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.4.0-2, Zones Z07-Z10 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.4.0, Zones Z07-Z10 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.5.1-1, Zones Z07-Z10 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.5.1-2, Zones Z07-Z10 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.5.1, Zones Z07-Z10 Port, b5, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.5.2-1, Zones Z07-Z10 Port, b5, h2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.5.2-2, Zones Z07-Z10 Port, b5, h2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.5.2, Zones Z07-Z10 Port, b5, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.5.0-1, Zones Z07-Z10 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.5.0-2, Zones Z07-Z10 Port, b5, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.5.0, Zones Z07-Z10 Port, b5



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.6.1-1, Zones Z07-Z10 Port, b6, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank       | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO               | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.6.1-2, Zones Z07-Z10 Port, b6, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room  | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank      | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.6.2-1, Zones Z07-Z10 Port, b6, h2, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.6.2-2, Zones Z07-Z10 Port, b6, h2, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

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Damage case : SDSP7-10.6.2, Zones Z07-Z10 Port, b6, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

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Damage case : SDSP7-10.6.0-1, Zones Z07-Z10 Port, b6, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

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Damage case : SDSP7-10.6.0-2, Zones Z07-Z10 Port, b6, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP7-10.6.0, Zones Z07-Z10 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| C30  | 1     | Switchboard room    | 0.85  | 243.4     | 19.80    | 0.00     | 5.70     |
| 300C | 1     | Void U-tank         | 0.95  | 151.6     | 17.99    | 0.00     | 1.81     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 310P | 1     | MDO                 | 0.95  | 46.1      | 19.80    | -6.60    | 2.80     |
| 312P | 1     | WB wing tank        | 0.95  | 32.4      | 18.00    | -8.45    | 5.70     |
| R105 | 1     | Air conditioned st. | 0.95  | 150.5     | 18.00    | -6.65    | 8.60     |
| R106 | 1     | Warehouse           | 0.95  | 1376.3    | 6.30     | 0.00     | 8.60     |
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.1.1-2, Zones Z08-Z11 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP8-11.1.1, Zones Z08-Z11 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP8-11.1.2-2, Zones Z08-Z11 Port, b1, h2, l.ext2







| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP8-11.1.2, Zones Z08-Z11 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP8-11.1.0-2, Zones Z08-Z11 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP8-11.1.0, Zones Z08-Z11 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

Damage case : SDSP8-11.2.1-2, Zones Z08-Z11 Port, b2, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.2.1, Zones Z08-Z11 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.2.2-2, Zones Z08-Z11 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.2.2, Zones Z08-Z11 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.2.0-2, Zones Z08-Z11 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.2.0, Zones Z08-Z11 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.3.1-1, Zones Z08-Z11 Port, b3, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.3.1-2, Zones Z08-Z11 Port, b3, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.3.1, Zones Z08-Z11 Port, b3, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |

| COMP | STAGE | DES | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----|-------|-----------|----------|----------|----------|
| 221P | 1     | MDO | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.3.2-1, Zones Z08-Z11 Port, b3, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.3.2-2, Zones Z08-Z11 Port, b3, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.3.2, Zones Z08-Z11 Port, b3, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.3.0-1, Zones Z08-Z11 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.3.0-2, Zones Z08-Z11 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.3.0, Zones Z08-Z11 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.4.1-1, Zones Z08-Z11 Port, b4, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.4.1-2, Zones Z08-Z11 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.4.1, Zones Z08-Z11 Port, b4, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP8-11.4.2-1, Zones Z08-Z11 Port, b4, h2, l.ext1

| COMP | STAGE | DES             | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank     | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank    | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO             | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room     | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store    | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.4.2-2, Zones Z08-Z11 Port, b4, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.4.2, Zones Z08-Z11 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP8-11.4.0-1, Zones Z08-Z11 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |







| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.4.0, Zones Z08-Z11 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP8-11.5.1-1, Zones Z08-Z11 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.5.1-2, Zones Z08-Z11 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.5.1, Zones Z08-Z11 Port, b5, h1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank        | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank       | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP8-11.5.2-1, Zones Z08-Z11 Port, b5, h2, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.5.2-2, Zones Z08-Z11 Port, b5, h2, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.5.2, Zones Z08-Z11 Port, b5, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP8-11.5.0-1, Zones Z08-Z11 Port, b5, 1.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.5.0-2, Zones Z08-Z11 Port, b5, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |

Damage case : SDSP8-11.5.0, Zones Z08-Z11 Port, b5



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |

Damage case : SDSP9-12.1.1-1, Zones Z09-Z12 Port, b1, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.1.1-2, Zones Z09-Z12 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.1.1, Zones Z09-Z12 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.1.2-1, Zones Z09-Z12 Port, b1, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.1.2-2, Zones Z09-Z12 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.1.2, Zones Z09-Z12 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.1.0-1, Zones Z09-Z12 Port, b1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.1.0-2, Zones Z09-Z12 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.1.0, Zones Z09-Z12 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.2.1-1, Zones Z09-Z12 Port, b2, h1, 1.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.2.1-2, Zones Z09-Z12 Port, b2, h1, 1.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.2.1, Zones Z09-Z12 Port, b2, h1



| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.2.2-1, Zones Z09-Z12 Port, b2, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.2.2-2, Zones Z09-Z12 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.2.2, Zones Z09-Z12 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.2.0-1, Zones Z09-Z12 Port, b2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.2.0-2, Zones Z09-Z12 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.2.0, Zones Z09-Z12 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.3.1-1, Zones Z09-Z12 Port, b3, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.3.1-2, Zones Z09-Z12 Port, b3, h1, l.ext2





| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.3.1, Zones Z09-Z12 Port, b3, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank  | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO          | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.3.2-1, Zones Z09-Z12 Port, b3, h2, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.3.2-2, Zones Z09-Z12 Port, b3, h2, 1.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.3.2, Zones Z09-Z12 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.3.0-1, Zones Z09-Z12 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.3.0-2, Zones Z09-Z12 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.3.0, Zones Z09-Z12 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |







| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.4.1-2, Zones Z09-Z12 Port, b4, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.4.1, Zones Z09-Z12 Port, b4, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.4.2-1, Zones Z09-Z12 Port, b4, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.4.2-2, Zones Z09-Z12 Port, b4, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.4.2, Zones Z09-Z12 Port, b4, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.4.0-1, Zones Z09-Z12 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.4.0-2, Zones Z09-Z12 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.4.0, Zones Z09-Z12 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.5.1-1, Zones Z09-Z12 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.5.1-2, Zones Z09-Z12 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.5.1, Zones Z09-Z12 Port, b5, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.5.2-1, Zones Z09-Z12 Port, b5, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.5.2-2, Zones Z09-Z12 Port, b5, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.5.2, Zones Z09-Z12 Port, b5, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.5.0-1, Zones Z09-Z12 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.5.0-2, Zones Z09-Z12 Port, b5, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.5.0, Zones Z09-Z12 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.6.1-1, Zones Z09-Z12 Port, b6, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.6.1-2, Zones Z09-Z12 Port, b6, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.6.1, Zones Z09-Z12 Port, b6, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.6.2-1, Zones Z09-Z12 Port, b6, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.6.2-2, Zones Z09-Z12 Port, b6, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.6.2, Zones Z09-Z12 Port, b6, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.6.0-1, Zones Z09-Z12 Port, b6, l.ext1



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.6.0-2, Zones Z09-Z12 Port, b6, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.6.0, Zones Z09-Z12 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.7.1-1, Zones Z09-Z12 Port, b7, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.7.1-2, Zones Z09-Z12 Port, b7, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.7.1, Zones Z09-Z12 Port, b7, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.7.2-1, Zones Z09-Z12 Port, b7, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.7.2-2, Zones Z09-Z12 Port, b7, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.7.2, Zones Z09-Z12 Port, b7, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.7.0-1, Zones Z09-Z12 Port, b7, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.7.0-2, Zones Z09-Z12 Port, b7, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.7.0, Zones Z09-Z12 Port, b7

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.8.1-1, Zones Z09-Z12 Port, b8, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.8.1-2, Zones Z09-Z12 Port, b8, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.8.1, Zones Z09-Z12 Port, b8, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.8.2-1, Zones Z09-Z12 Port, b8, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank       | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.8.2-2, Zones Z09-Z12 Port, b8, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank      | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO               | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.8.2, Zones Z09-Z12 Port, b8, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.8.0-1, Zones Z09-Z12 Port, b8, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.8.0-2, Zones Z09-Z12 Port, b8, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP9-12.8.0, Zones Z09-Z12 Port, b8

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 142.3     | 25.92    | 0.00     | 1.55     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 214P | 1     | WB wing tank        | 0.95  | 24.3      | 26.40    | -8.45    | 5.70     |
| 222P | 1     | MDO                 | 0.95  | 100.2     | 26.40    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |

Damage case : SDSP10-13.1.1-2, Zones Z10-Z13 Port, b1, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.1.1-3, Zones Z10-Z13 Port, b1, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.1.1, Zones Z10-Z13 Port, b1, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.1.2-2, Zones Z10-Z13 Port, b1, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.1.2-3, Zones Z10-Z13 Port, b1, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.1.2, Zones Z10-Z13 Port, b1, h2



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.1.0-2, Zones Z10-Z13 Port, b1, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.1.0-3, Zones Z10-Z13 Port, b1, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.1.0, Zones Z10-Z13 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.2.1-2, Zones Z10-Z13 Port, b2, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.2.1-3, Zones Z10-Z13 Port, b2, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.2.1, Zones Z10-Z13 Port, b2, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.2.2-2, Zones Z10-Z13 Port, b2, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.2.2-3, Zones Z10-Z13 Port, b2, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

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Damage case : SDSP10-13.2.2, Zones Z10-Z13 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

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Damage case : SDSP10-13.2.0-2, Zones Z10-Z13 Port, b2, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

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Damage case : SDSP10-13.2.0-3, Zones Z10-Z13 Port, b2, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

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Damage case : SDSP10-13.2.0, Zones Z10-Z13 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

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Damage case : SDSP10-13.3.1-2, Zones Z10-Z13 Port, b3, h1, l.ext2





| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.3.1-3, Zones Z10-Z13 Port, b3, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.3.1, Zones Z10-Z13 Port, b3, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.3.2-2, Zones Z10-Z13 Port, b3, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.3.2-3, Zones Z10-Z13 Port, b3, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.3.2, Zones Z10-Z13 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.3.0-2, Zones Z10-Z13 Port, b3, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.3.0-3, Zones Z10-Z13 Port, b3, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.3.0, Zones Z10-Z13 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.4.1-2, Zones Z10-Z13 Port, b4, h1, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.4.1-3, Zones Z10-Z13 Port, b4, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.4.1, Zones Z10-Z13 Port, b4, h1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.4.2-2, Zones Z10-Z13 Port, b4, h2, l.ext2



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.4.2-3, Zones Z10-Z13 Port, b4, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.4.2, Zones Z10-Z13 Port, b4, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.4.0-2, Zones Z10-Z13 Port, b4, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.4.0-3, Zones Z10-Z13 Port, b4, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.4.0, Zones Z10-Z13 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.5.1-2, Zones Z10-Z13 Port, b5, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.5.1-3, Zones Z10-Z13 Port, b5, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.5.1, Zones Z10-Z13 Port, b5, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.5.2-2, Zones Z10-Z13 Port, b5, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.5.2-3, Zones Z10-Z13 Port, b5, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.5.2, Zones Z10-Z13 Port, b5, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.5.0-2, Zones Z10-Z13 Port, b5, 1.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.5.0-3, Zones Z10-Z13 Port, b5, 1.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.5.0, Zones Z10-Z13 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.6.1-2, Zones Z10-Z13 Port, b6, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.6.1-3, Zones Z10-Z13 Port, b6, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.6.1, Zones Z10-Z13 Port, b6, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.6.2-2, Zones Z10-Z13 Port, b6, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.6.2-3, Zones Z10-Z13 Port, b6, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.6.2, Zones Z10-Z13 Port, b6, h2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room  | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.6.0-2, Zones Z10-Z13 Port, b6, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.6.0-3, Zones Z10-Z13 Port, b6, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.6.0, Zones Z10-Z13 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.7.1-2, Zones Z10-Z13 Port, b7, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.7.1-3, Zones Z10-Z13 Port, b7, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.7.1, Zones Z10-Z13 Port, b7, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |







| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.7.2-3, Zones Z10-Z13 Port, b7, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.7.2, Zones Z10-Z13 Port, b7, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.7.0-2, Zones Z10-Z13 Port, b7, l.ext2

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room  | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.7.0-3, Zones Z10-Z13 Port, b7, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.7.0, Zones Z10-Z13 Port, b7

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.8.1-2, Zones Z10-Z13 Port, b8, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.8.1-3, Zones Z10-Z13 Port, b8, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.8.1, Zones Z10-Z13 Port, b8, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.8.2-2, Zones Z10-Z13 Port, b8, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.8.2-3, Zones Z10-Z13 Port, b8, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.8.2, Zones Z10-Z13 Port, b8, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.8.0-2, Zones Z10-Z13 Port, b8, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.8.0-3, Zones Z10-Z13 Port, b8, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.8.0, Zones Z10-Z13 Port, b8

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.9.1-2, Zones Z10-Z13 Port, b9, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.9.1-3, Zones Z10-Z13 Port, b9, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.9.1, Zones Z10-Z13 Port, b9, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.9.2-2, Zones Z10-Z13 Port, b9, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.9.2-3, Zones Z10-Z13 Port, b9, h2, l.ext3



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.9.2, Zones Z10-Z13 Port, b9, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.9.0-2, Zones Z10-Z13 Port, b9, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.9.0-3, Zones Z10-Z13 Port, b9, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.9.0, Zones Z10-Z13 Port, b9

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.10.1-2, Zones Z10-Z13 Port, b10, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.10.1-3, Zones Z10-Z13 Port, b10, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.10.1, Zones Z10-Z13 Port, b10, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.10.2-2, Zones Z10-Z13 Port, b10, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.10.2-3, Zones Z10-Z13 Port, b10, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.10.2, Zones Z10-Z13 Port, b10, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.10.0-2, Zones Z10-Z13 Port, b10, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.10.0-3, Zones Z10-Z13 Port, b10, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.10.0, Zones Z10-Z13 Port, b10

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.11.1-2, Zones Z10-Z13 Port, b11, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.11.1-3, Zones Z10-Z13 Port, b11, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.11.1, Zones Z10-Z13 Port, b11, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.11.2-2, Zones Z10-Z13 Port, b11, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.11.2-3, Zones Z10-Z13 Port, b11, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.11.2, Zones Z10-Z13 Port, b11, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.11.0-2, Zones Z10-Z13 Port, b11, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.11.0-3, Zones Z10-Z13 Port, b11, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.11.0, Zones Z10-Z13 Port, b11

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.12.1-2, Zones Z10-Z13 Port, b12, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.12.1-3, Zones Z10-Z13 Port, b12, h1, l.ext3



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.12.1, Zones Z10-Z13 Port, b12, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.12.2-2, Zones Z10-Z13 Port, b12, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.12.2-3, Zones Z10-Z13 Port, b12, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.12.2, Zones Z10-Z13 Port, b12, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.12.0-2, Zones Z10-Z13 Port, b12, l.ext2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.12.0-3, Zones Z10-Z13 Port, b12, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP10-13.12.0, Zones Z10-Z13 Port, b12

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

Damage case : SDSP11-14.1.1-1, Zones Z11-Z14 Port, b1, h1, l.ext1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank    | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank   | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water     | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.1.1-3, Zones Z11-Z14 Port, b1, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.1.1-4, Zones Z11-Z14 Port, b1, h1, l.ext4

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.1.1.1, Zones Z11-Z14 Port, b1, h1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank    | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank   | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water     | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.1.2-1, Zones Z11-Z14 Port, b1, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.1.2-3, Zones Z11-Z14 Port, b1, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.1.2-4, Zones Z11-Z14 Port, b1, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.1.2, Zones Z11-Z14 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.1.0-1, Zones Z11-Z14 Port, b1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.1.0-3, Zones Z11-Z14 Port, b1, l.ext3





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.1.0-4, Zones Z11-Z14 Port, b1, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.1.0, Zones Z11-Z14 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.2.1-1, Zones Z11-Z14 Port, b2, h1, l.ext1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank    | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank   | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO            | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water     | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.2.1-3, Zones Z11-Z14 Port, b2, h1, l.ext3





| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.2.1-4, Zones Z11-Z14 Port, b2, h1, l.ext4

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.2.1, Zones Z11-Z14 Port, b2, h1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank    | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank   | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO            | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water     | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.2.2-1, Zones Z11-Z14 Port, b2, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.2.2-3, Zones Z11-Z14 Port, b2, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.2.2-4, Zones Z11-Z14 Port, b2, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.2.2, Zones Z11-Z14 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.2.0-1, Zones Z11-Z14 Port, b2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| R102 | 1     | Gym Laundry | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.2.0-3, Zones Z11-Z14 Port, b2, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.2.0-4, Zones Z11-Z14 Port, b2, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.2.0, Zones Z11-Z14 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.3.1-1, Zones Z11-Z14 Port, b3, h1, l.ext1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank    | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank   | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO            | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water     | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank     | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.3.1-3, Zones Z11-Z14 Port, b3, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.3.1-4, Zones Z11-Z14 Port, b3, h1, l.ext4

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.3.1, Zones Z11-Z14 Port, b3, h1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank    | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank   | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO            | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water     | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank     | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.3.2-1, Zones Z11-Z14 Port, b3, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.3.2-3, Zones Z11-Z14 Port, b3, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.3.2-4, Zones Z11-Z14 Port, b3, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.3.2, Zones Z11-Z14 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry    | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.3.0-1, Zones Z11-Z14 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.3.0-3, Zones Z11-Z14 Port, b3, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.3.0-4, Zones Z11-Z14 Port, b3, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.3.0, Zones Z11-Z14 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.4.1-1, Zones Z11-Z14 Port, b4, h1, l.ext1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank    | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank   | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO            | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water     | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank     | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.4.1-3, Zones Z11-Z14 Port, b4, h1, l.ext3

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank  | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.4.1-4, Zones Z11-Z14 Port, b4, h1, l.ext4



| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.4.1, Zones Z11-Z14 Port, b4, h1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank    | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank   | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO            | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water     | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank     | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.4.2-1, Zones Z11-Z14 Port, b4, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.4.2-3, Zones Z11-Z14 Port, b4, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.4.2-4, Zones Z11-Z14 Port, b4, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.4.2, Zones Z11-Z14 Port, b4, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.4.0-1, Zones Z11-Z14 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.4.0-3, Zones Z11-Z14 Port, b4, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.4.0-4, Zones Z11-Z14 Port, b4, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.4.0, Zones Z11-Z14 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.5.1-1, Zones Z11-Z14 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.5.1-3, Zones Z11-Z14 Port, b5, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.5.1-4, Zones Z11-Z14 Port, b5, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.5.1, Zones Z11-Z14 Port, b5, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

Damage case : SDSP11-14.5.2-1, Zones Z11-Z14 Port, b5, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.5.2-3, Zones Z11-Z14 Port, b5, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.5.2-4, Zones Z11-Z14 Port, b5, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.5.2, Zones Z11-Z14 Port, b5, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.5.0-1, Zones Z11-Z14 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.5.0-3, Zones Z11-Z14 Port, b5, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.5.0-4, Zones Z11-Z14 Port, b5, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.5.0, Zones Z11-Z14 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.6.1-1, Zones Z11-Z14 Port, b6, h1, l.ext1







| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.6.1-3, Zones Z11-Z14 Port, b6, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.6.1-4, Zones Z11-Z14 Port, b6, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.6.1, Zones Z11-Z14 Port, b6, h1





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.6.2-1, Zones Z11-Z14 Port, b6, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.6.2-3, Zones Z11-Z14 Port, b6, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.6.2-4, Zones Z11-Z14 Port, b6, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.6.2, Zones Z11-Z14 Port, b6, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.6.0-1, Zones Z11-Z14 Port, b6, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.6.0-3, Zones Z11-Z14 Port, b6, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.6.0-4, Zones Z11-Z14 Port, b6, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.6.0, Zones Z11-Z14 Port, b6

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room  | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.7.1-1, Zones Z11-Z14 Port, b7, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.7.1-3, Zones Z11-Z14 Port, b7, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.7.1-4, Zones Z11-Z14 Port, b7, h1, l.ext4



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.7.1, Zones Z11-Z14 Port, b7, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.7.2-1, Zones Z11-Z14 Port, b7, h2, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.7.2-3, Zones Z11-Z14 Port, b7, h2, 1.ext3



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.7.2-4, Zones Z11-Z14 Port, b7, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.7.2, Zones Z11-Z14 Port, b7, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.7.0-1, Zones Z11-Z14 Port, b7, l.ext1





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.7.0-3, Zones Z11-Z14 Port, b7, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.7.0-4, Zones Z11-Z14 Port, b7, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.7.0, Zones Z11-Z14 Port, b7

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.8.1-1, Zones Z11-Z14 Port, b8, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.8.1-3, Zones Z11-Z14 Port, b8, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.8.1-4, Zones Z11-Z14 Port, b8, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.8.1, Zones Z11-Z14 Port, b8, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.8.2-1, Zones Z11-Z14 Port, b8, h2, l.ext1



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.8.2-3, Zones Z11-Z14 Port, b8, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.8.2-4, Zones Z11-Z14 Port, b8, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.8.2, Zones Z11-Z14 Port, b8, h2





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.8.0-1, Zones Z11-Z14 Port, b8, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.8.0-3, Zones Z11-Z14 Port, b8, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.8.0-4, Zones Z11-Z14 Port, b8, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.8.0, Zones Z11-Z14 Port, b8

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.9.1-1, Zones Z11-Z14 Port, b9, h1, l.ext1

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank  | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO          | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room  | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.9.1-3, Zones Z11-Z14 Port, b9, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.9.1-4, Zones Z11-Z14 Port, b9, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.9.1, Zones Z11-Z14 Port, b9, h1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd     | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water        | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP   | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry        | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.9.2-1, Zones Z11-Z14 Port, b9, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.9.2-3, Zones Z11-Z14 Port, b9, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| R102 | 1     | Gym Laundry | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.9.2-4, Zones Z11-Z14 Port, b9, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.9.2, Zones Z11-Z14 Port, b9, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.9.0-1, Zones Z11-Z14 Port, b9, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.9.0-3, Zones Z11-Z14 Port, b9, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.9.0-4, Zones Z11-Z14 Port, b9, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.9.0, Zones Z11-Z14 Port, b9

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd     | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water        | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP   | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry        | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.10.1-1, Zones Z11-Z14 Port, b10, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.10.1-3, Zones Z11-Z14 Port, b10, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.10.1-4, Zones Z11-Z14 Port, b10, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.10.1, Zones Z11-Z14 Port, b10, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.10.2-1, Zones Z11-Z14 Port, b10, h2, l.ext1

| COMP | STAGE | DES             | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank     | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank    | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO             | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room     | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store    | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.10.2-3, Zones Z11-Z14 Port, b10, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.10.2-4, Zones Z11-Z14 Port, b10, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.10.2, Zones Z11-Z14 Port, b10, h2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd     | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water        | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP   | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry        | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.10.0-1, Zones Z11-Z14 Port, b10, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.10.0-3, Zones Z11-Z14 Port, b10, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.10.0-4, Zones Z11-Z14 Port, b10, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.10.0, Zones Z11-Z14 Port, b10

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.11.1-1, Zones Z11-Z14 Port, b11, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.11.1-3, Zones Z11-Z14 Port, b11, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.11.1-4, Zones Z11-Z14 Port, b11, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.11.1, Zones Z11-Z14 Port, b11, h1







| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd     | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water        | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP   | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry        | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.11.2-1, Zones Z11-Z14 Port, b11, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.11.2-3, Zones Z11-Z14 Port, b11, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| R102 | 1     | Gym Laundry | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.11.2-4, Zones Z11-Z14 Port, b11, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.11.2, Zones Z11-Z14 Port, b11, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.11.0-1, Zones Z11-Z14 Port, b11, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.11.0-3, Zones Z11-Z14 Port, b11, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.11.0-4, Zones Z11-Z14 Port, b11, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.11.0, Zones Z11-Z14 Port, b11

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd     | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water        | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP   | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry        | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.12.1-1, Zones Z11-Z14 Port, b12, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.12.1-3, Zones Z11-Z14 Port, b12, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.12.1-4, Zones Z11-Z14 Port, b12, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.12.1, Zones Z11-Z14 Port, b12, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.12.2-1, Zones Z11-Z14 Port, b12, h2, l.ext1

| COMP | STAGE | DES             | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank     | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank    | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO             | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room     | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store    | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.12.2-3, Zones Z11-Z14 Port, b12, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.12.2-4, Zones Z11-Z14 Port, b12, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.12.2, Zones Z11-Z14 Port, b12, h2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd     | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water        | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP   | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry        | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.12.0-1, Zones Z11-Z14 Port, b12, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.12.0-3, Zones Z11-Z14 Port, b12, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.12.0-4, Zones Z11-Z14 Port, b12, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.12.0, Zones Z11-Z14 Port, b12

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.13.1-1, Zones Z11-Z14 Port, b13, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.13.1-3, Zones Z11-Z14 Port, b13, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.13.1-4, Zones Z11-Z14 Port, b13, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.13.1, Zones Z11-Z14 Port, b13, h1

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd     | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water        | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP   | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry        | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.13.2-1, Zones Z11-Z14 Port, b13, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.13.2-3, Zones Z11-Z14 Port, b13, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.13.2-4, Zones Z11-Z14 Port, b13, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.13.2, Zones Z11-Z14 Port, b13, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.13.0-1, Zones Z11-Z14 Port, b13, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.13.0-3, Zones Z11-Z14 Port, b13, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.13.0-4, Zones Z11-Z14 Port, b13, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.13.0, Zones Z11-Z14 Port, b13

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd     | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water        | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP   | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry        | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.14.1-1, Zones Z11-Z14 Port, b14, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.14.1-3, Zones Z11-Z14 Port, b14, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.14.1-4, Zones Z11-Z14 Port, b14, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.14.1, Zones Z11-Z14 Port, b14, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| R102 | 1     | Gym Laundry | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.14.2-1, Zones Z11-Z14 Port, b14, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.14.2-3, Zones Z11-Z14 Port, b14, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank       | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.14.2-4, Zones Z11-Z14 Port, b14, h2, l.ext4



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank      | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO               | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.14.2, Zones Z11-Z14 Port, b14, h2

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd     | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water        | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP   | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry        | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.14.0-1, Zones Z11-Z14 Port, b14, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.14.0-3, Zones Z11-Z14 Port, b14, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank         | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.14.0-4, Zones Z11-Z14 Port, b14, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 213P | 1     | WB wing tank        | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                 | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP11-14.14.0, Zones Z11-Z14 Port, b14

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 237.6     | 34.29    | 0.00     | 1.35     |
| 213P | 1     | WB wing tank       | 0.95  | 32.4      | 34.80    | -8.45    | 5.70     |
| 221P | 1     | MDO                | 0.95  | 133.6     | 34.80    | -6.60    | 4.10     |
| C20  | 1     | Engine room        | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store       | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop    | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd  | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank        | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water         | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201S | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank         | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank       | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd     | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water        | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP   | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry        | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.1.1-1, Zones Z12-Z15 Port, b1, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.1.1-3, Zones Z12-Z15 Port, b1, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.1.1-4, Zones Z12-Z15 Port, b1, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.1.1, Zones Z12-Z15 Port, b1, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.1.2-1, Zones Z12-Z15 Port, b1, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.1.2-3, Zones Z12-Z15 Port, b1, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.1.2-4, Zones Z12-Z15 Port, b1, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.1.2, Zones Z12-Z15 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.1.0-1, Zones Z12-Z15 Port, b1, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.1.0-3, Zones Z12-Z15 Port, b1, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| RA01 | 1     | Bosun store | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.1.0-4, Zones Z12-Z15 Port, b1, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.1.0, Zones Z12-Z15 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.2.1-1, Zones Z12-Z15 Port, b2, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.2.1-3, Zones Z12-Z15 Port, b2, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.2.1-4, Zones Z12-Z15 Port, b2, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.2.1, Zones Z12-Z15 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.2.2-1, Zones Z12-Z15 Port, b2, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.2.2-3, Zones Z12-Z15 Port, b2, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.2.2-4, Zones Z12-Z15 Port, b2, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.2.2, Zones Z12-Z15 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.2.0-1, Zones Z12-Z15 Port, b2, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |







| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.2.0-4, Zones Z12-Z15 Port, b2, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.2.0, Zones Z12-Z15 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.3.1-1, Zones Z12-Z15 Port, b3, h1, l.ext1

| COMP | STAGE | DES            | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|----------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water     | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank    | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank     | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank   | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water    | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.3.1-3, Zones Z12-Z15 Port, b3, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.3.1-4, Zones Z12-Z15 Port, b3, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.3.1, Zones Z12-Z15 Port, b3, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.3.2-1, Zones Z12-Z15 Port, b3, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.3.2-3, Zones Z12-Z15 Port, b3, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.3.2-4, Zones Z12-Z15 Port, b3, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.3.2, Zones Z12-Z15 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.3.0-1, Zones Z12-Z15 Port, b3, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.3.0-3, Zones Z12-Z15 Port, b3, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.3.0-4, Zones Z12-Z15 Port, b3, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.3.0, Zones Z12-Z15 Port, b3



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.4.1-1, Zones Z12-Z15 Port, b4, h1, l.ext1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.4.1-3, Zones Z12-Z15 Port, b4, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.4.1-4, Zones Z12-Z15 Port, b4, h1, l.ext4

| COMP | STAGE | DES          | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water   | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank   | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water  | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB           | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.4.1, Zones Z12-Z15 Port, b4, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water       | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.4.2-1, Zones Z12-Z15 Port, b4, h2, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.4.2-3, Zones Z12-Z15 Port, b4, h2, 1.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.4.2-4, Zones Z12-Z15 Port, b4, h2, 1.ext4



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.4.2, Zones Z12-Z15 Port, b4, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.4.0-1, Zones Z12-Z15 Port, b4, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.4.0-3, Zones Z12-Z15 Port, b4, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.4.0-4, Zones Z12-Z15 Port, b4, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.4.0, Zones Z12-Z15 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.5.1-1, Zones Z12-Z15 Port, b5, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.5.1-3, Zones Z12-Z15 Port, b5, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.5.1-4, Zones Z12-Z15 Port, b5, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.5.1, Zones Z12-Z15 Port, b5, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |

Damage case : SDSP12-15.5.2-1, Zones Z12-Z15 Port, b5, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.5.2-3, Zones Z12-Z15 Port, b5, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.5.2-4, Zones Z12-Z15 Port, b5, h2, l.ext4







| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.5.2, Zones Z12-Z15 Port, b5, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

Damage case : SDSP12-15.5.0-1, Zones Z12-Z15 Port, b5, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.5.0-3, Zones Z12-Z15 Port, b5, l.ext3



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.5.0-4, Zones Z12-Z15 Port, b5, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.5.0, Zones Z12-Z15 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| RA01 | 1     | Bosun store | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.6.1-1, Zones Z12-Z15 Port, b6, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.6.1-3, Zones Z12-Z15 Port, b6, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.6.1-4, Zones Z12-Z15 Port, b6, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.6.1, Zones Z12-Z15 Port, b6, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.6.2-1, Zones Z12-Z15 Port, b6, h2, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.6.2-3, Zones Z12-Z15 Port, b6, h2, 1.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.6.2-4, Zones Z12-Z15 Port, b6, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.6.2, Zones Z12-Z15 Port, b6, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.6.0-1, Zones Z12-Z15 Port, b6, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.6.0-3, Zones Z12-Z15 Port, b6, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.6.0-4, Zones Z12-Z15 Port, b6, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| RA01 | 1     | Bosun store | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.6.0, Zones Z12-Z15 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.7.1-1, Zones Z12-Z15 Port, b7, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.7.1-3, Zones Z12-Z15 Port, b7, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.7.1-4, Zones Z12-Z15 Port, b7, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.7.1, Zones Z12-Z15 Port, b7, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.7.2-1, Zones Z12-Z15 Port, b7, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.7.2-3, Zones Z12-Z15 Port, b7, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.7.2-4, Zones Z12-Z15 Port, b7, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.7.2, Zones Z12-Z15 Port, b7, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.7.0-1, Zones Z12-Z15 Port, b7, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.7.0-3, Zones Z12-Z15 Port, b7, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| RA01 | 1     | Bosun store | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.7.0-4, Zones Z12-Z15 Port, b7, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.7.0, Zones Z12-Z15 Port, b7

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.8.1-1, Zones Z12-Z15 Port, b8, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.8.1-3, Zones Z12-Z15 Port, b8, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.8.1-4, Zones Z12-Z15 Port, b8, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.8.1, Zones Z12-Z15 Port, b8, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.8.2-1, Zones Z12-Z15 Port, b8, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.8.2-3, Zones Z12-Z15 Port, b8, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.8.2-4, Zones Z12-Z15 Port, b8, h2, l.ext4



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.8.2, Zones Z12-Z15 Port, b8, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.8.0-1, Zones Z12-Z15 Port, b8, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |







| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.8.0-4, Zones Z12-Z15 Port, b8, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.8.0, Zones Z12-Z15 Port, b8

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB          | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.9.1-1, Zones Z12-Z15 Port, b9, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.9.1-3, Zones Z12-Z15 Port, b9, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.9.1-4, Zones Z12-Z15 Port, b9, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.9.1, Zones Z12-Z15 Port, b9, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.9.2-1, Zones Z12-Z15 Port, b9, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.9.2-3, Zones Z12-Z15 Port, b9, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.9.2-4, Zones Z12-Z15 Port, b9, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.9.2, Zones Z12-Z15 Port, b9, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.9.0-1, Zones Z12-Z15 Port, b9, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.9.0-3, Zones Z12-Z15 Port, b9, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.9.0-4, Zones Z12-Z15 Port, b9, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| RA01 | 1     | Bosun store | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.9.0, Zones Z12-Z15 Port, b9

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.10.1-1, Zones Z12-Z15 Port, b10, h1, 1.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.10.1-3, Zones Z12-Z15 Port, b10, h1, 1.ext3



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.10.1-4, Zones Z12-Z15 Port, b10, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.10.1, Zones Z12-Z15 Port, b10, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.10.2-1, Zones Z12-Z15 Port, b10, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.10.2-3, Zones Z12-Z15 Port, b10, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.10.2-4, Zones Z12-Z15 Port, b10, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.10.2, Zones Z12-Z15 Port, b10, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.10.0-1, Zones Z12-Z15 Port, b10, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.10.0-3, Zones Z12-Z15 Port, b10, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB          | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.10.0-4, Zones Z12-Z15 Port, b10, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.10.0, Zones Z12-Z15 Port, b10

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.11.1-1, Zones Z12-Z15 Port, b11, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.11.1-3, Zones Z12-Z15 Port, b11, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.11.1-4, Zones Z12-Z15 Port, b11, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.11.1, Zones Z12-Z15 Port, b11, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.11.2-1, Zones Z12-Z15 Port, b11, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.11.2-3, Zones Z12-Z15 Port, b11, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.11.2-4, Zones Z12-Z15 Port, b11, h2, l.ext4



| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.11.2, Zones Z12-Z15 Port, b11, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.11.0-1, Zones Z12-Z15 Port, b11, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |







| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.11.0-4, Zones Z12-Z15 Port, b11, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.11.0, Zones Z12-Z15 Port, b11

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB          | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.12.1-1, Zones Z12-Z15 Port, b12, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.12.1-3, Zones Z12-Z15 Port, b12, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.12.1-4, Zones Z12-Z15 Port, b12, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201S | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.12.1, Zones Z12-Z15 Port, b12, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.12.2-1, Zones Z12-Z15 Port, b12, h2, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.12.2-3, Zones Z12-Z15 Port, b12, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.12.2-4, Zones Z12-Z15 Port, b12, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.12.2, Zones Z12-Z15 Port, b12, h2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |







| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.12.0-3, Zones Z12-Z15 Port, b12, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.12.0-4, Zones Z12-Z15 Port, b12, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| R102 | 1     | Gym Laundry | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB          | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB          | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.12.0, Zones Z12-Z15 Port, b12

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.13.1-1, Zones Z12-Z15 Port, b13, h1, l.ext1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.13.1-3, Zones Z12-Z15 Port, b13, h1, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.13.1-4, Zones Z12-Z15 Port, b13, h1, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.13.1, Zones Z12-Z15 Port, b13, h1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |





| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.13.2-3, Zones Z12-Z15 Port, b13, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.13.2-4, Zones Z12-Z15 Port, b13, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water        | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.13.2, Zones Z12-Z15 Port, b13, h2



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

Damage case : SDSP12-15.13.0-1, Zones Z12-Z15 Port, b13, l.ext1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.13.0-3, Zones Z12-Z15 Port, b13, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store      | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.13.0-4, Zones Z12-Z15 Port, b13, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP12-15.13.0, Zones Z12-Z15 Port, b13

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 21P  | 1     | Grey water          | 0.95  | 97.8      | 41.96    | -7.17    | 4.19     |
| 202C | 1     | Water ballast btto. | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |

Damage case : SDSP13-16.1.1-3, Zones Z13-Z16 Port, b1, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.1.1-4, Zones Z13-Z16 Port, b1, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.1.1, Zones Z13-Z16 Port, b1, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.1.2-3, Zones Z13-Z16 Port, b1, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.1.2-4, Zones Z13-Z16 Port, b1, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.1.2, Zones Z13-Z16 Port, b1, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.1.0-3, Zones Z13-Z16 Port, b1, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.1.0-4, Zones Z13-Z16 Port, b1, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| RA01 | 1     | Bosun store      | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.1.0, Zones Z13-Z16 Port, b1

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.2.1-3, Zones Z13-Z16 Port, b2, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.2.1-4, Zones Z13-Z16 Port, b2, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.2.1, Zones Z13-Z16 Port, b2, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.2.2-3, Zones Z13-Z16 Port, b2, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.2.2-4, Zones Z13-Z16 Port, b2, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.2.2, Zones Z13-Z16 Port, b2, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.2.0-4, Zones Z13-Z16 Port, b2, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.2.0, Zones Z13-Z16 Port, b2

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.3.1-3, Zones Z13-Z16 Port, b3, h1, l.ext3



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.3.1-4, Zones Z13-Z16 Port, b3, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.3.1, Zones Z13-Z16 Port, b3, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.3.2-3, Zones Z13-Z16 Port, b3, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.3.2-4, Zones Z13-Z16 Port, b3, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.3.2, Zones Z13-Z16 Port, b3, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.3.0-3, Zones Z13-Z16 Port, b3, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.3.0-4, Zones Z13-Z16 Port, b3, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| RA01 | 1     | Bosun store      | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.3.0, Zones Z13-Z16 Port, b3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.4.1-3, Zones Z13-Z16 Port, b4, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.4.1-4, Zones Z13-Z16 Port, b4, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.4.1, Zones Z13-Z16 Port, b4, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.4.2-3, Zones Z13-Z16 Port, b4, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.4.2-4, Zones Z13-Z16 Port, b4, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.4.2, Zones Z13-Z16 Port, b4, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.4.0-3, Zones Z13-Z16 Port, b4, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.4.0-4, Zones Z13-Z16 Port, b4, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.4.0, Zones Z13-Z16 Port, b4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| RA01 | 1     | Bosun store      | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.5.1-3, Zones Z13-Z16 Port, b5, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.5.1-4, Zones Z13-Z16 Port, b5, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.5.1, Zones Z13-Z16 Port, b5, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.5.2-3, Zones Z13-Z16 Port, b5, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.5.2-4, Zones Z13-Z16 Port, b5, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.5.2, Zones Z13-Z16 Port, b5, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.5.0-3, Zones Z13-Z16 Port, b5, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.5.0-4, Zones Z13-Z16 Port, b5, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.5.0, Zones Z13-Z16 Port, b5

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.6.1-3, Zones Z13-Z16 Port, b6, h1, l.ext3



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.6.1-4, Zones Z13-Z16 Port, b6, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.6.1, Zones Z13-Z16 Port, b6, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.6.2-3, Zones Z13-Z16 Port, b6, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.6.2-4, Zones Z13-Z16 Port, b6, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.6.2, Zones Z13-Z16 Port, b6, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.6.0-3, Zones Z13-Z16 Port, b6, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| R101 | 1     | Bosun store | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.6.0-4, Zones Z13-Z16 Port, b6, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.6.0, Zones Z13-Z16 Port, b6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.7.1-3, Zones Z13-Z16 Port, b7, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

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Damage case : SDSP13-16.7.1-4, Zones Z13-Z16 Port, b7, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

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Damage case : SDSP13-16.7.1, Zones Z13-Z16 Port, b7, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

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Damage case : SDSP13-16.7.2-3, Zones Z13-Z16 Port, b7, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

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Damage case : SDSP13-16.7.2-4, Zones Z13-Z16 Port, b7, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.7.2, Zones Z13-Z16 Port, b7, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.7.0-3, Zones Z13-Z16 Port, b7, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.7.0-4, Zones Z13-Z16 Port, b7, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.7.0, Zones Z13-Z16 Port, b7

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.8.1-3, Zones Z13-Z16 Port, b8, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.8.1-4, Zones Z13-Z16 Port, b8, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.8.1, Zones Z13-Z16 Port, b8, h1

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.8.2-3, Zones Z13-Z16 Port, b8, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.8.2-4, Zones Z13-Z16 Port, b8, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.8.2, Zones Z13-Z16 Port, b8, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.8.0-3, Zones Z13-Z16 Port, b8, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.8.0-4, Zones Z13-Z16 Port, b8, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |



| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store      | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.8.0, Zones Z13-Z16 Port, b8

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.9.1-3, Zones Z13-Z16 Port, b9, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.9.1-4, Zones Z13-Z16 Port, b9, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |





| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 101C | 1     | Void space fwd   | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.9.2-3, Zones Z13-Z16 Port, b9, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.9.2-4, Zones Z13-Z16 Port, b9, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.9.2, Zones Z13-Z16 Port, b9, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store      | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.9.0-3, Zones Z13-Z16 Port, b9, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.9.0-4, Zones Z13-Z16 Port, b9, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.9.0, Zones Z13-Z16 Port, b9

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.10.1-2, Zones Z13-Z16 Port, b10, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.10.1-3, Zones Z13-Z16 Port, b10, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.10.1-4, Zones Z13-Z16 Port, b10, h1, l.ext4

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.10.1, Zones Z13-Z16 Port, b10, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.10.2-2, Zones Z13-Z16 Port, b10, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.10.2-3, Zones Z13-Z16 Port, b10, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.10.2-4, Zones Z13-Z16 Port, b10, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.10.2, Zones Z13-Z16 Port, b10, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.10.0-2, Zones Z13-Z16 Port, b10, l.ext2



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.10.0-3, Zones Z13-Z16 Port, b10, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.10.0-4, Zones Z13-Z16 Port, b10, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.10.0, Zones Z13-Z16 Port, b10





| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.11.1-2, Zones Z13-Z16 Port, b11, h1, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.11.1-3, Zones Z13-Z16 Port, b11, h1, l.ext3

| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank      | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.11.1-4, Zones Z13-Z16 Port, b11, h1, l.ext4





| COMP | STAGE | DES              | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|------------------|-------|-----------|----------|----------|----------|
| 201S | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank       | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank     | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| 12P  | 1     | Fresh water      | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry      | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB               | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB               | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.11.1, Zones Z13-Z16 Port, b11, h1

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |

Damage case : SDSP13-16.11.2-2, Zones Z13-Z16 Port, b11, h2, l.ext2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.11.2-3, Zones Z13-Z16 Port, b11, h2, l.ext3

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.11.2-4, Zones Z13-Z16 Port, b11, h2, l.ext4

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.11.2, Zones Z13-Z16 Port, b11, h2

| COMP | STAGE | DES               | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank       | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank        | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank      | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room       | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store      | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop   | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| 101C | 1     | Void space fwd    | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water       | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP  | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry       | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| 01C  | 1     | WB Forepeak tank  | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store       | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.11.0-2, Zones Z13-Z16 Port, b11, l.ext2



| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.11.0-3, Zones Z13-Z16 Port, b11, l.ext3

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

Damage case : SDSP13-16.11.0-4, Zones Z13-Z16 Port, b11, l.ext4

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

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Damage case : SDSP13-16.11.0, Zones Z13-Z16 Port, b11

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 201C | 1     | Void U-tank         | 0.95  | 185.5     | 45.62    | 0.00     | 1.57     |
| 201S | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | 2.95     | 4.28     |
| 201P | 1     | MDO L-tank          | 0.95  | 134.2     | 46.80    | -2.95    | 4.28     |
| 211P | 1     | WB wing tank        | 0.95  | 40.3      | 46.70    | -7.03    | 5.73     |
| C20  | 1     | Engine room         | 0.85  | 1674.0    | 33.21    | 0.00     | 4.80     |
| C31  | 1     | Engine store        | 0.95  | 69.1      | 19.80    | 3.60     | 2.80     |
| C32  | 1     | Engine workshop     | 0.95  | 69.1      | 19.80    | -3.60    | 2.80     |
| R103 | 1     | Accommodation fwd   | 0.95  | 1418.7    | 36.21    | 0.00     | 8.60     |
| RA02 | 1     | Accommodation on A. | 0.95  | 1704.2    | 40.39    | 0.00     | 11.66    |
| 101C | 1     | Void space fwd      | 0.95  | 122.6     | 52.35    | 0.00     | 1.25     |
| 12P  | 1     | Fresh water         | 0.95  | 85.2      | 51.38    | -5.01    | 4.87     |
| C10  | 1     | Thruster room FP    | 0.85  | 301.5     | 54.27    | 0.00     | 4.96     |
| R102 | 1     | Gym Laundry         | 0.95  | 453.2     | 53.73    | 0.00     | 8.66     |
| 11S  | 1     | WB                  | 0.95  | 10.8      | 55.78    | 3.10     | 3.33     |
| 11P  | 1     | WB                  | 0.95  | 10.8      | 55.78    | -3.10    | 3.33     |
| RA01 | 1     | Bosun store         | 0.95  | 213.3     | 60.66    | 0.00     | 11.81    |
| 01C  | 1     | WB Forepeak tank    | 0.95  | 63.7      | 61.16    | 0.00     | 3.50     |
| R101 | 1     | Bosun store         | 0.95  | 53.3      | 60.77    | 0.00     | 8.94     |

## CALCULATION RESULTS FOR REGULATION 9

Regulation requirement:  $S = 1$

TRIM: 0

Stored results possibly rejected, no values to be listed

DAMAGE DEFINITIONS FOR REGULATION 9

A total of 54 damages listed

DAMAGED COMPARTMENTS

Damage case : SDSR9A1-1

| COMP | STAGE | DES       | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------|-------|-----------|----------|----------|----------|
| 41S  | 1     | WB L-tank | 0.95  | 74.5      | 10.95    | 4.90     | 2.44     |

Damage case : SDSR9A1-2

| COMP | STAGE | DES             | IPERM   | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|---------|-----------|----------|----------|----------|
| 401C | 1     | WB stern center | bt.0.95 | 16.3      | 10.69    | 0.00     | 1.17     |
| 41S  | 1     | WB L-tank       | 0.95    | 74.5      | 10.95    | 4.90     | 2.44     |

Damage case : SDSR9A1-3

| COMP | STAGE | DES       | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------|-------|-----------|----------|----------|----------|
| 41P  | 1     | WB L-tank | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |

Damage case : SDSR9A1-4

| COMP | STAGE | DES             | IPERM   | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|---------|-----------|----------|----------|----------|
| 401C | 1     | WB stern center | bt.0.95 | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P  | 1     | WB L-tank       | 0.95    | 74.5      | 10.95    | -4.90    | 2.44     |

Damage case : SDSR9A1-5

| COMP | STAGE | DES             | IPERM   | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----------------|---------|-----------|----------|----------|----------|
| 401C | 1     | WB stern center | bt.0.95 | 16.3      | 10.69    | 0.00     | 1.17     |

Damage case : SDSR9A1-6

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 401C | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41S  | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | 4.90     | 2.44     |

Damage case : SDSR9A1-7

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 401C | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P  | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |

Damage case : SDSR9A1-8

| COMP | STAGE | DES           | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank   | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 301C | 1     | Water ballast | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 41P  | 1     | WB L-tank     | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |

Damage case : SDSR9A1-9

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 401C | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41P  | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |

Damage case : SDSR9A1-10

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 41S  | 1     | WB L-tank   | 0.95  | 74.5      | 10.95    | 4.90     | 2.44     |

Damage case : SDSR9A1-11

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 401C | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |
| 41S  | 1     | WB L-tank           | 0.95  | 74.5      | 10.95    | 4.90     | 2.44     |





| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 41P  | 1     | WB L-tank   | 0.95  | 74.5      | 10.95    | -4.90    | 2.44     |

Damage case : SDSR9A1-13

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 401C | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |

Damage case : SDSR9A1-14

| COMP | STAGE | DES           | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank   | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 301C | 1     | Water ballast | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |
| 41S  | 1     | WB L-tank     | 0.95  | 74.5      | 10.95    | 4.90     | 2.44     |

Damage case : SDSR9A1-15

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank         | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 401C | 1     | WB stern center bt. | 0.95  | 16.3      | 10.69    | 0.00     | 1.17     |

Damage case : SDSR9A1-16

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |

Damage case : SDSR9A1-17

| COMP | STAGE | DES           | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------|-------|-----------|----------|----------|----------|
| 301C | 1     | Water ballast | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |

Damage case : SDSR9A1-18



| COMP | STAGE | DES           | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------|-------|-----------|----------|----------|----------|
| 300C | 1     | Void U-tank   | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 301C | 1     | Water ballast | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |

Damage case : SDSR9A1-19

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205S | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |
| 300C | 1     | Void U-tank         | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |

Damage case : SDSR9A1-20

| COMP | STAGE | DES           | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank   | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 300C | 1     | Void U-tank   | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 301C | 1     | Water ballast | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |

Damage case : SDSR9A1-21

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205S | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 300C | 1     | Void U-tank         | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |

Damage case : SDSR9A1-22

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 300C | 1     | Void U-tank | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |

Damage case : SDSR9A1-23

| COMP | STAGE | DES                 | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|---------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank         | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205S | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |
| 205P | 1     | Water ballast btto. | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 300C | 1     | Void U-tank         | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 301C | 1     | Water ballast       | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |





| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank        | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 300C | 1     | Void U-tank        | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 301C | 1     | Water ballast      | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |

Damage case : SDSR9A1-25

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank        | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |
| 300C | 1     | Void U-tank        | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |

Damage case : SDSR9A1-26

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank        | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205S | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |
| 300C | 1     | Void U-tank        | 0.95  | 144.1     | 17.99    | 0.00     | 1.68     |
| 301C | 1     | Water ballast      | 0.95  | 57.3      | 19.87    | 0.00     | 0.63     |

Damage case : SDSR9A1-27

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |

Damage case : SDSR9A1-28

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 205S | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |

Damage case : SDSR9A1-29

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank        | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205S | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |

Damage case : SDSR9A1-30

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank        | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSR9A1-31

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 204C | 1     | Void U-tank        | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205S | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSR9A1-32

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSR9A1-33

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 205S | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSR9A1-34

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 230.1     | 34.27    | 0.00     | 1.25     |
| 204C | 1     | Void U-tank        | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205S | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSR9A1-35

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 230.1     | 34.27    | 0.00     | 1.25     |
| 204C | 1     | Void U-tank        | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |

Damage case : SDSR9A1-36

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 230.1     | 34.27    | 0.00     | 1.25     |
| 204C | 1     | Void U-tank        | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205S | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |

Damage case : SDSR9A1-37

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank | 0.95  | 230.1     | 34.27    | 0.00     | 1.25     |

Damage case : SDSR9A1-38

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 202C | 1     | Water ballast btto | 0.95  | 84.7      | 40.20    | 0.00     | 0.60     |
| 203C | 1     | Void U-tank        | 0.95  | 230.1     | 34.27    | 0.00     | 1.25     |
| 204C | 1     | Void U-tank        | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSR9A1-39

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank        | 0.95  | 230.1     | 34.27    | 0.00     | 1.25     |
| 204C | 1     | Void U-tank        | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205S | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSR9A1-40

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank        | 0.95  | 230.1     | 34.27    | 0.00     | 1.25     |
| 204C | 1     | Void U-tank        | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSR9A1-41

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank        | 0.95  | 230.1     | 34.27    | 0.00     | 1.25     |
| 205S | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |

Damage case : SDSR9A1-42



| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank        | 0.95  | 230.1     | 34.27    | 0.00     | 1.25     |
| 204C | 1     | Void U-tank        | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |
| 205S | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |

Damage case : SDSR9A1-43

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank        | 0.95  | 230.1     | 34.27    | 0.00     | 1.25     |
| 205S | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | 2.70     | 0.60     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSR9A1-44

| COMP | STAGE | DES         | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank | 0.95  | 230.1     | 34.27    | 0.00     | 1.25     |
| 204C | 1     | Void U-tank | 0.95  | 136.6     | 25.90    | 0.00     | 1.44     |

Damage case : SDSR9A1-45

| COMP | STAGE | DES                | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|--------------------|-------|-----------|----------|----------|----------|
| 203C | 1     | Void U-tank        | 0.95  | 230.1     | 34.27    | 0.00     | 1.25     |
| 205P | 1     | Water ballast btto | 0.95  | 31.1      | 27.60    | -2.70    | 0.60     |

Damage case : SDSR9A1-46

| COMP | STAGE | DES | IPERM | VOL<br>m3 | XCG<br>m | YCG<br>m | ZCG<br>m |
|------|-------|-----|-------|-----------|----------|----------|----------|
|------|-------|-----|-------|-----------|----------|----------|----------|



```
ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--
STACK:
```