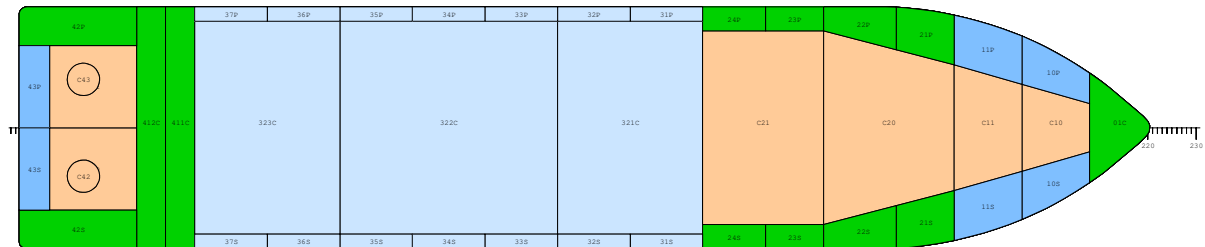
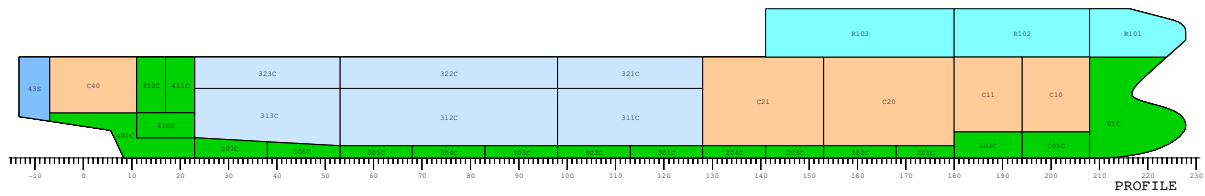
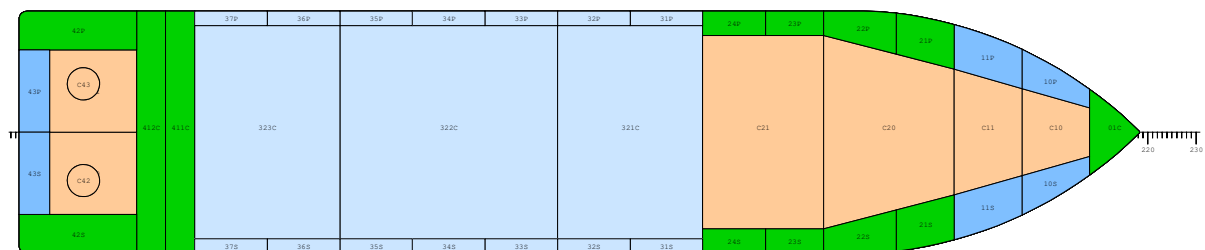


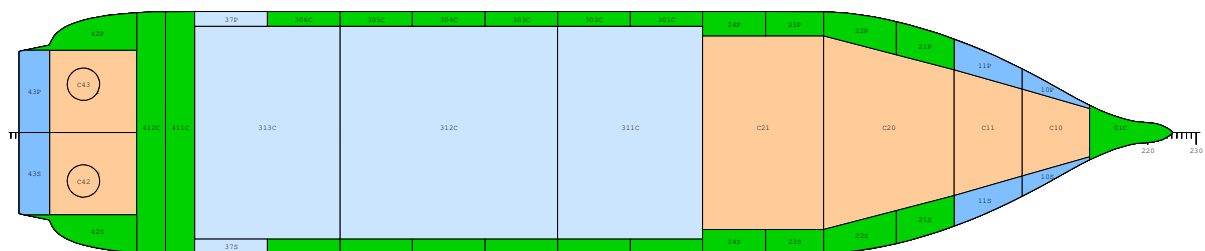
## 1 TANK PLAN AND CAPACITY LIST



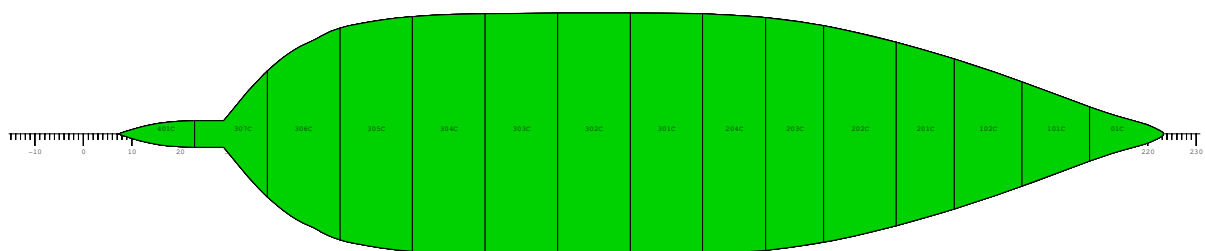
Z=10.6



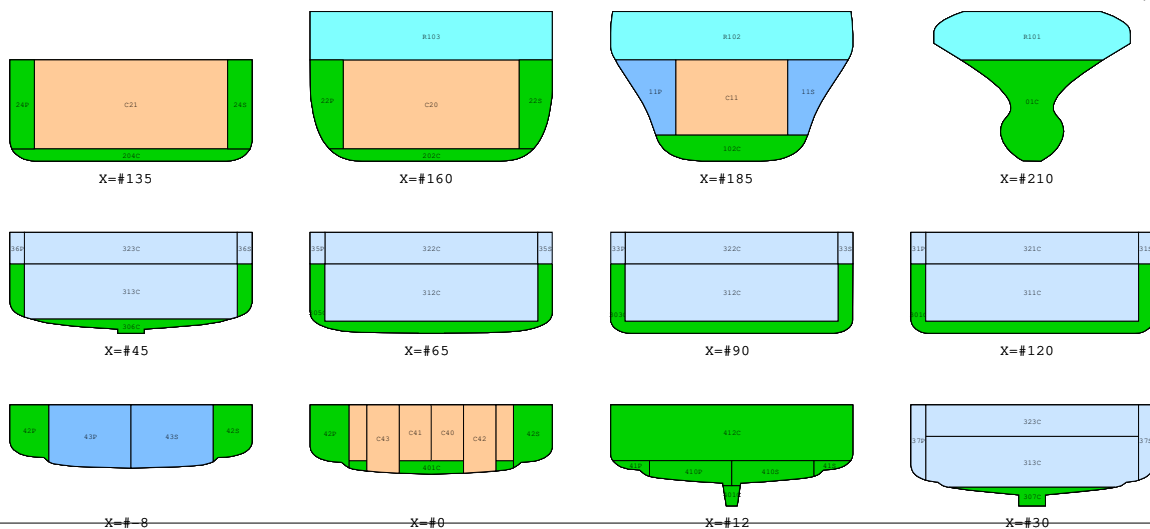
Z=9.4



Z=5.9



Z=1.4



wb

7.6.2015

VS4789/D

USER ODJU

| NAME          | DES                  | VNET<br>m3 | WEIGHT<br>t | LCG<br>m | TCG<br>m | VCG<br>m | IYMAX<br>m4 |
|---------------|----------------------|------------|-------------|----------|----------|----------|-------------|
| -----         |                      |            |             |          |          |          |             |
| FRESH WATER   | RHO=1                |            |             |          |          |          |             |
| 10P           | fw                   | 212        | 212         | 120.2    | -6.7     | 10.0     | 313         |
| 10S           | FW                   | 212        | 212         | 120.2    | 6.7      | 10.0     | 313         |
| 11P           | fw                   | 349        | 349         | 112.1    | -9.2     | 8.8      | 319         |
| 11S           | FW                   | 349        | 349         | 112.1    | 9.2      | 8.8      | 319         |
| 43P           | fw                   | 281        | 281         | -6.1     | -5.0     | 8.8      | 332         |
| 43S           | fw                   | 281        | 281         | -6.1     | 5.0      | 8.8      | 332         |
| -----         |                      |            |             |          |          |          |             |
| SUBTOTAL      |                      | 1685       | 1685        | 74.6     | 0.0      | 9.1      |             |
|               |                      |            |             |          |          |          |             |
| WATER BALLAST | RHO=1.025            |            |             |          |          |          |             |
| 01C           | WB                   | 551        | 565         | 128.2    | 0.0      | 7.0      | 1967        |
| 101C          | wb                   | 251        | 257         | 120.2    | 0.0      | 1.8      | 1217        |
| 102C          | wb                   | 408        | 418         | 111.9    | 0.0      | 1.7      | 4147        |
| 201C          | wb                   | 197        | 202         | 104.3    | 0.0      | 0.8      | 5542        |
| 202C          | wb                   | 304        | 312         | 96.2     | 0.0      | 0.8      | 11933       |
| 203C          | wb                   | 278        | 285         | 88.1     | 0.0      | 0.8      | 13322       |
| 204C          | wb                   | 322        | 330         | 80.7     | 0.0      | 0.8      | 16688       |
| 21P           | wb                   | 342        | 350         | 104.4    | -11.1    | 7.9      | 152         |
| 21S           | wb                   | 342        | 350         | 104.4    | 11.1     | 7.9      | 152         |
| 22P           | wb                   | 352        | 361         | 96.6     | -12.7    | 7.5      | 63          |
| 22S           | wb                   | 352        | 361         | 96.6     | 12.7     | 7.5      | 63          |
| 23P           | wb                   | 227        | 233         | 88.2     | -13.5    | 7.1      | 16          |
| 23S           | wb                   | 227        | 233         | 88.2     | 13.5     | 7.1      | 16          |
| 24P           | wb                   | 254        | 260         | 80.7     | -13.5    | 7.0      | 18          |
| 24S           | wb                   | 254        | 260         | 80.7     | 13.5     | 7.0      | 18          |
| 301C          | wb                   | 610        | 626         | 72.3     | 0.0      | 2.4      | 20168       |
| 302C          | wb                   | 612        | 628         | 63.3     | 0.0      | 2.3      | 20233       |
| 303C          | wb                   | 609        | 624         | 54.3     | 0.0      | 2.4      | 20170       |
| 304C          | wb                   | 589        | 603         | 45.3     | 0.0      | 2.4      | 19592       |
| 305C          | wb                   | 511        | 523         | 36.5     | 0.0      | 2.7      | 16974       |
| 306C          | wb                   | 398        | 408         | 27.5     | 0.0      | 3.3      | 9216        |
| 307C          | wb                   | 146        | 150         | 18.6     | 0.0      | 1.5      | 4139        |
| 401C          | wb                   | 378        | 388         | 3.6      | 0.0      | 4.2      | 6714        |
| 410P          | wb                   | 206        | 211         | 10.3     | -4.9     | 4.2      | 637         |
| 410S          | wb                   | 206        | 211         | 10.3     | 4.9      | 4.2      | 637         |
| 411C          | WB roll red          | 734        | 752         | 12.0     | 0.0      | 9.1      | 8100        |
| 412C          | WB roll red          | 734        | 752         | 8.4      | 0.0      | 9.1      | 8100        |
| 41P           | wb                   | 49         | 50          | 10.6     | -12.1    | 4.8      | 63          |
| 41S           | wb                   | 49         | 50          | 10.6     | 12.1     | 4.8      | 63          |
| 42P           | wb                   | 467        | 478         | -0.3     | -12.5    | 9.1      | 133         |
| 42S           | wb                   | 467        | 478         | -0.3     | 12.5     | 9.1      | 133         |
| -----         |                      |            |             |          |          |          |             |
| SUBTOTAL      |                      | 11425      | 11711       | 58.1     | 0.0      | 5.0      |             |
|               |                      |            |             |          |          |          |             |
| Machinery Sp. | RHO=1                |            |             |          |          |          |             |
| C10           | Thruster room front  | 722        | 722         | 120.2    | 0.0      | 7.5      | 1249        |
| C11           | Thruster room front  | 1031       | 1031        | 111.9    | 0.0      | 7.9      | 1663        |
| C20           | Engine room front    | 3528       | 3528        | 99.3     | 0.0      | 7.0      | 10951       |
| C21           | Engine room aft      | 3960       | 3960        | 84.3     | 0.0      | 7.0      | 17280       |
| C40           | Thruster room aft SB | 674        | 674         | 1.4      | 5.0      | 9.1      | 931         |
| C41           | Thruster room aft PS | 674        | 674         | 1.4      | -5.0     | 9.1      | 931         |
| C42           | Thr aft sb           | 105        | 105         | 0.0      | 6.0      | 8.3      | 13          |

| NAME DES                       | VNET<br>m3 | WEIGHT<br>t | LCG<br>m | TCG<br>m | VCG<br>m | IYMAX<br>m4 |
|--------------------------------|------------|-------------|----------|----------|----------|-------------|
| C43 Thr aft ps                 | 105        | 105         | 0.0      | -6.0     | 8.3      | 13          |
| SUBTOTAL                       | 10798      | 10798       | 82.3     | 0.0      | 7.4      |             |
| ACCOMMODATION RHO=1            |            |             |          |          |          |             |
| R101 Forpeak                   | 998        | 998         | 129.1    | 0.0      | 15.4     | 7127        |
| R102 Main superstructure front | 2832       | 2832        | 116.1    | 0.0      | 15.5     | 34005       |
| R103 Main superstructure aft   | 4212       | 4212        | 96.3     | 0.0      | 15.5     | 52650       |
| SUBTOTAL                       | 8042       | 8042        | 107.3    | 0.0      | 15.5     |             |
| VOID RHO=1                     |            |             |          |          |          |             |
| 311C Cargo                     | 3306       | 3306        | 67.8     | 0.0      | 5.0      | 27600       |
| 312C Cargo                     | 4960       | 4960        | 45.3     | 0.0      | 5.0      | 41399       |
| 313C Cargo                     | 3045       | 3045        | 23.1     | 0.0      | 5.3      | 27600       |
| 31P void                       | 62         | 62          | 72.3     | -14.1    | 10.6     | 4           |
| 31S void                       | 62         | 62          | 72.3     | 14.1     | 10.6     | 4           |
| 321C Cargo                     | 1816       | 1816        | 67.8     | 0.0      | 10.6     | 27600       |
| 322C Cargo                     | 2724       | 2724        | 45.3     | 0.0      | 10.6     | 41399       |
| 323C Cargo                     | 1816       | 1816        | 22.8     | 0.0      | 10.6     | 27600       |
| 32P void                       | 62         | 62          | 63.3     | -14.1    | 10.6     | 4           |
| 32S void                       | 62         | 62          | 63.3     | 14.1     | 10.6     | 4           |
| 33P void                       | 62         | 62          | 54.3     | -14.1    | 10.5     | 4           |
| 33S void                       | 62         | 62          | 54.3     | 14.1     | 10.5     | 4           |
| 34P void                       | 62         | 62          | 45.3     | -14.1    | 10.5     | 4           |
| 34S void                       | 62         | 62          | 45.3     | 14.1     | 10.5     | 4           |
| 35P void                       | 62         | 62          | 36.3     | -14.1    | 10.5     | 4           |
| 35S void                       | 62         | 62          | 36.3     | 14.1     | 10.5     | 4           |
| 36P void                       | 62         | 62          | 27.3     | -14.1    | 10.5     | 4           |
| 36S void                       | 62         | 62          | 27.3     | 14.1     | 10.5     | 4           |
| 37P void                       | 141        | 141         | 18.4     | -14.1    | 8.0      | 4           |
| 37S void                       | 141        | 141         | 18.4     | 14.1     | 8.0      | 4           |
| SUBTOTAL                       | 18692      | 18692       | 45.4     | 0.0      | 7.2      |             |
| TOTAL                          | 50643      | 50928       | 66.8     | 0.0      | 8.1      |             |

## TABLE OF CONTENTS

|   |                                       |   |
|---|---------------------------------------|---|
| 1 | TANK PLAN AND CAPACITY LIST . . . . . | 1 |
|---|---------------------------------------|---|

---