

Output:	Design loads	
Design ice compression line load amidship	q	950 kN/m
Design force normal to shell plating in bow area	Poi	30590 kN
Vertical design force resulting from beaching	Pzb	10329 kN
Vertical design force due to head on ramming	Pzr	24490 kN

Output:	Dimensions for local strength	

NOTE: In the section modules the corrosion addition is NOT accounted for.									
			Plates	Transverse stiffeners				Girders	
		p ₀	t	A _w	t _w	Z	a ₀	A _w	Z
Stem	Rule Prop.	9100	47.1	122.1	2.8	687.4	0.0		
Bow	Rule Prop.	7000	41.3	94.0	2.4	528.8	0.0		
Bow, Lower	Rule Prop.	4667	33.8	58.7	2.0	396.5	0.0		
Bow, Upper	Rule Prop.	3500	29.2	44.0	1.7	297.4	0.0		
Midship	Rule Prop.	4200							
Midship, Lower	Rule Prop.	2800							
Midship, Upper	Rule Prop.	2100							
Stern	Rule Prop.	5600							
Stern, Lower	Rule Prop.	3733							
Stern, Upper	Rule Prop.	2800							
Bottom	Rule Prop.	1750							

p₀ = basic ice pressure, [kN/m²]

t = thickness of plates, [mm]

A_w = web area, [cm²]

t_w = web thickness, [mm]

Z = section modulus, [cm³]

a₀ = connection area, [cm²]

NB! The web thickness is to be checked against buckling.