

T. O. W. III

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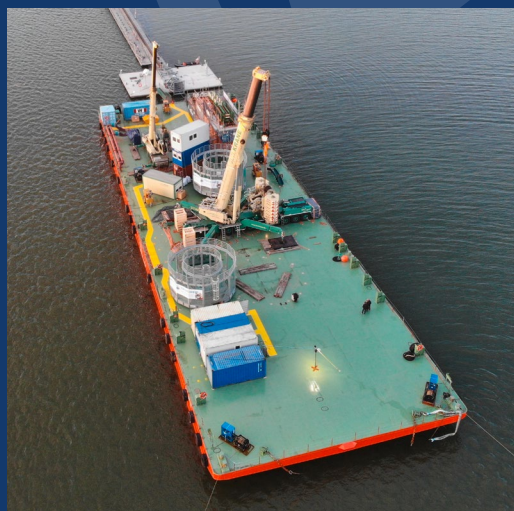
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Flag: German
Class: RINA C + HULL pontoon; unrestricted navigation

Length: 86.26 m
Breadth: 27.43 m
Depth: 6.10 m
Draught: max. 4.91 m
Draught lightship: 1.07 m
Lightship weight: 2,016 t
Deadweight: 8,529 t
Tonnage: 3,709 GT

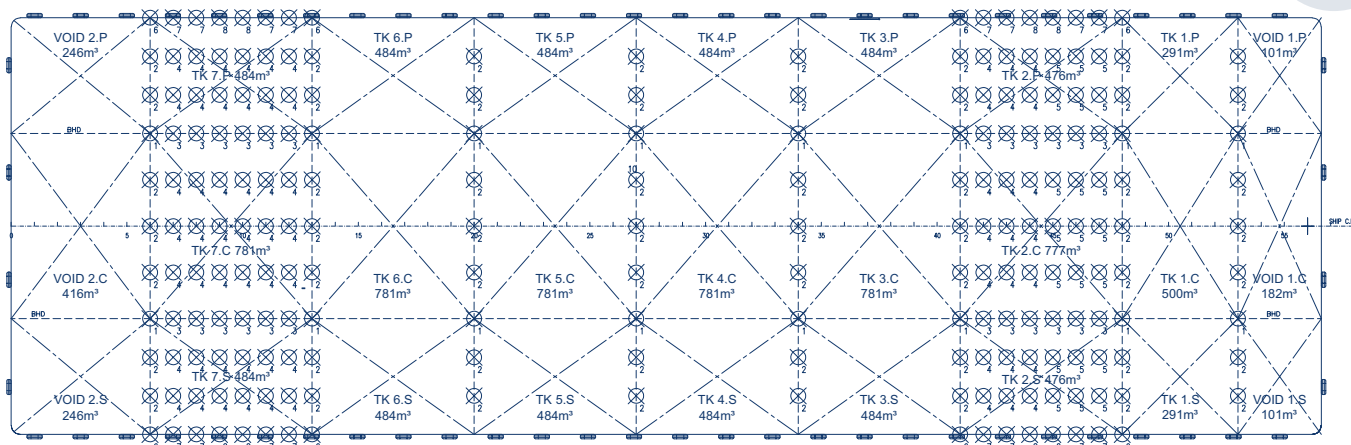
Uniform deck load: 15 t/m²
Bulkheads: 2 longitudinal, 8 transverse
Ballast tanks: 27
Ballast system: two diesel pumps each with a maximum capacity of 1,000 m³ per hour
total pumping capacity of approx. 2,000 m³ per hour
Internal system installed at 14 tanks.
Optional ramp system: breadth 7.78 m
length 6.97 m
Load capacity off the ramp: 3.5 t/m² (without acceleration)

Towing arrangement: at bow and stern each two Smit brackets with SWL 85 t
towing gear consisting of chain and bridle each with SWL 50 t
emergency towing line

Bollards: 4 double bollards each side
Fenders: The sides are protected by tyre fenders secured with galvanized chains.

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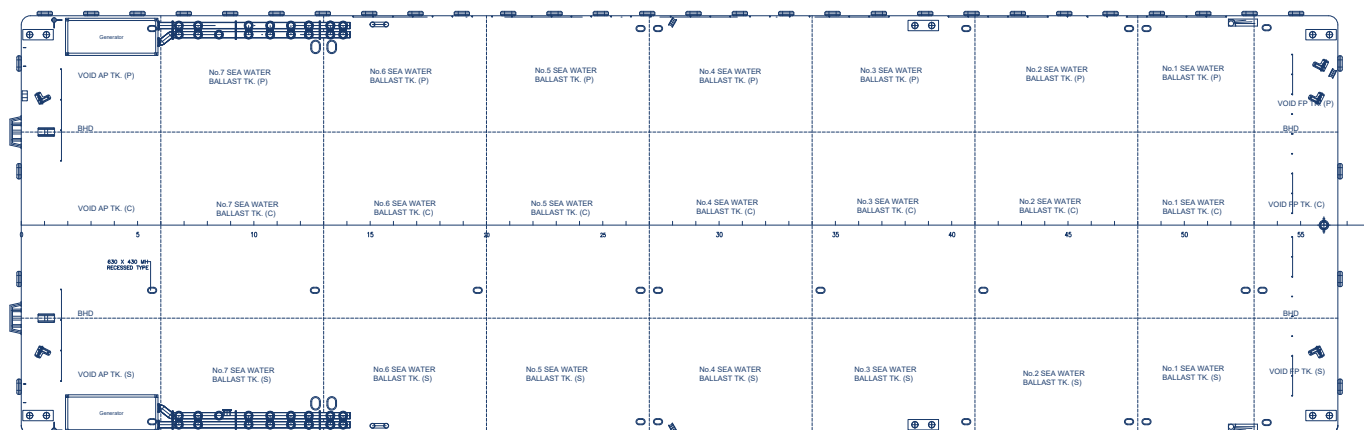
TANK PLAN and POINT LOADS



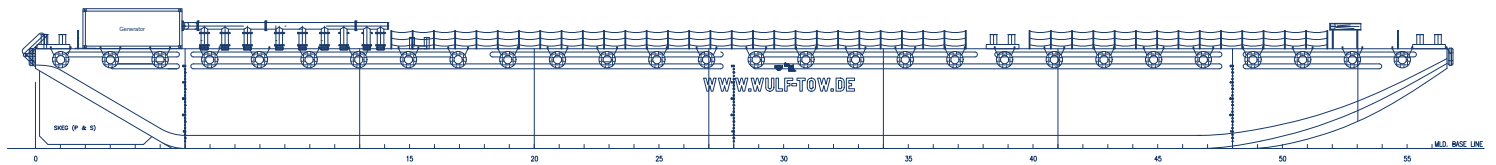
POINT LOADS

1. transverse bulkhead-longitudinal bulkhead	315.4 tons	6. side shell-transverse bulkhead	435.5 tons
2. transverse bulkhead-longitudinal girder	300.3 tons	7. side shell-transverse web	230.3 tons
3. longitudinal bulkhead-transverse web	186.8 tons	8. side shell-transverse web frames:	
4. longitudinal girder-transverse web	117.4 tons	9, 10, 16, 17, 23, 24, 30, 31, 37, 38, 44, 45	240.3 tons
5. longitudinal girder-transverse web frames: 45-47, 49-52, 54-56	149.4 tons	9. transverse web and longitudinal girder	117.4 tons
		10. deck longitudinal stiffeners	117.4 tons

GA PLAN



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