



T. O. W. III

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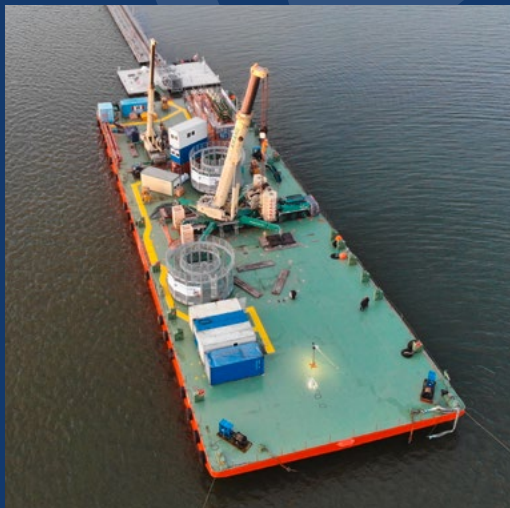
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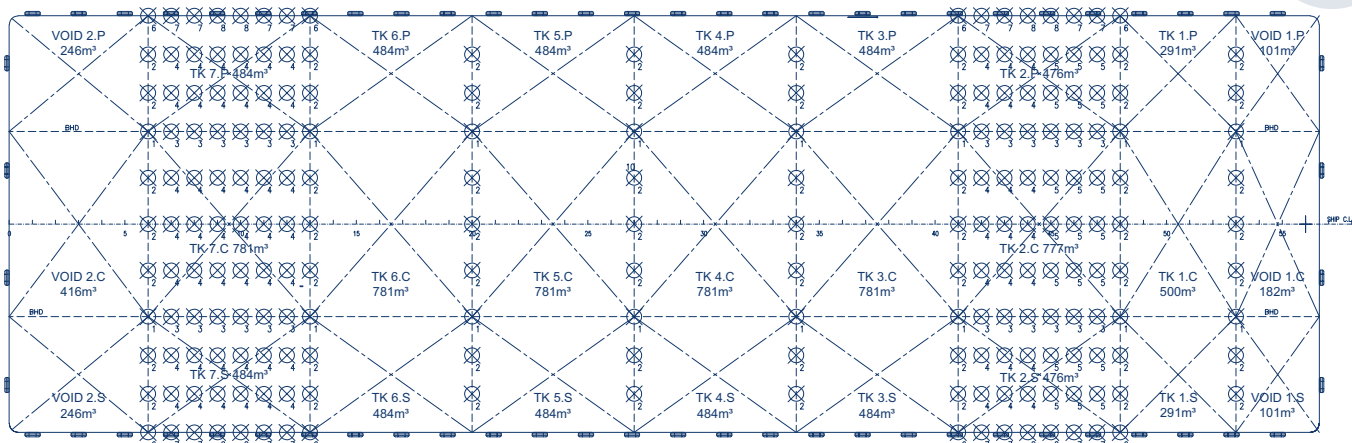
FACTS > T.O.W III



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/m ²
Bulkheads:	2 longitudinal, 8 transverse
Ballast tanks:	27
Ballast system:	two diesel pumps each with a maximum capacity of 1,000 m ³ per hour total pumping capacity of approx. 2,000 m ³ 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/m ² (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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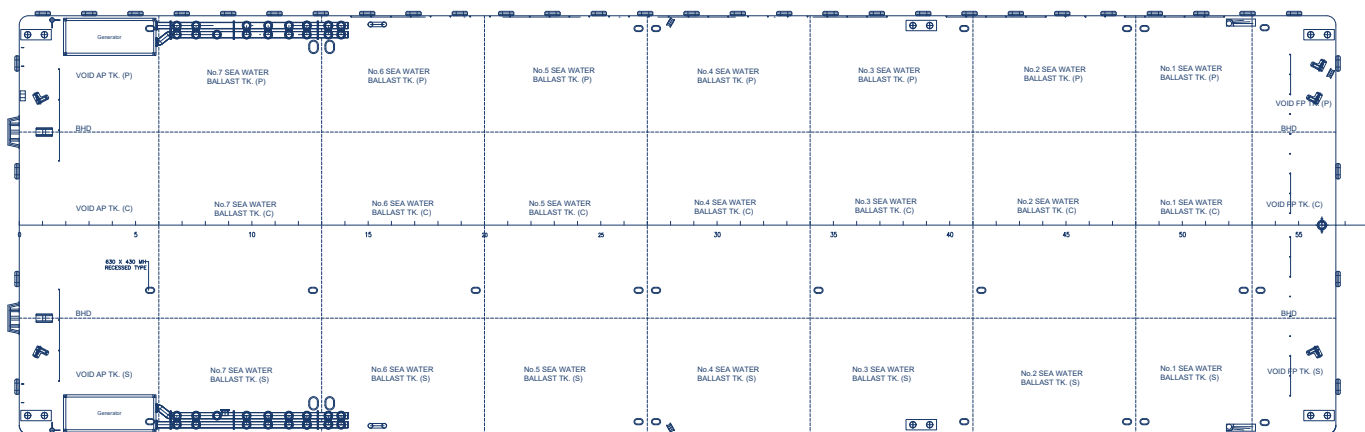
TANK PLAN and POINT LOADS



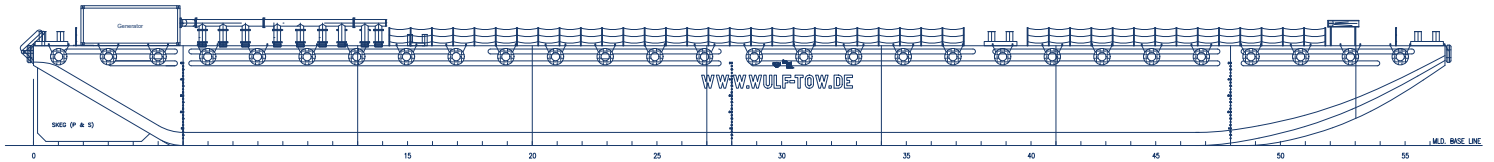
POINT LOADS

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		9. transverse web and longitudinal girder	117.4 tons
frames: 45-47, 49-52, 54-56	149.4 tons	10. deck longitudinal stiffeners	117.4 tons

GA PLAN



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