



GO
MARINE GROUP

M/V TORBEN DP2 SELF ELEVATING UNIT



Key Features

- DP2
- 1000t Liebherr Crane
- Helipad

M/V TORBEN - DP2 SELF ELEVATING UNIT

Class Notation	Germanischer Lloyd - 100 A5
Place of Build	Daewoo Shipbuilding
Year of Build	2011
Flag	Liberia

Main Particulars

LOA (Pontoon)	100m
LOA (Crane Boom- Helideck)	
Breadth	40.20m
Air Draft (legs w.o spudcans)	79.85m
Air Draft (top of the main crane)	48.32m
Max Air Gap	20.50m
Depth	8.02m
Draft of hull (spudcans)+3m or (thrusters)+2.9	
Summer	5.020m
Winter	4.916m
Freeboard	
Summer	3.020m
Winter	3.124m
Displacement with spudcans	
Summer	19958T
Winter	19533T
Deadweight (without spudcans)	6296.6T
Summer	5789.6T
Winter	5789.6T
Lightship	
short boom with spudcans	4541.8t
Jacking Load	15300T

Performance

Max Speed	6 kts
Economical Speed	3 kts
Max Water Depth	48mtr
Mean Jacking Speed	0.5-0.7 m/min
Max Jackable Load	15300t

Capacities

Deadweight	6090T
Gross Tonnage	11730T
Cargo Deck Area	3054m ² (workable area)
Capacity	15t/m ²
Payload	Up to 4280 t (jacking load)
Potable Water	369m ³
Fuel Capacity	483m ³
Fuel Type	MGO
Ballast Capacity	8075.3m ³

Propulsion and Machinery

Main Engines	Diesel Electric 20400kW
Main Engines: Number / Type	5 off - 16V 4000M43S
Propellers	6 no. - retractable thrusters steerable – 1600kW
Generators	1 off - 1580 kW

Auxiliary Engines

Diesel Generator	5x 2682kVA / 1x 1600kVA
Emergency Generators	1x 350kW
Supply System - Voltage	450/690v 60Hz

Accommodation

Single Berth Cabins	36
Double Berth Cabins	12
Total Accommodation	60
Mess	30

Crane Equipment

Main crane type and builder	Liebherr BOS 35000-1000-LITRONIC
Boom length (incl. different boom configurations) (m)	78m / 102m
max. hook height (m)	91,2 m (above Main Deck for short boom config)
max. crane capacity + outreach (t) (m)	1000t @ 25 m (short boom)
Tugger winches (type, capacity)	2 Nos, 25.48tons
Max lifting height above deck(m)	91,2m (short boom)
Auxiliary crane(s) type and builder	HMB LINTEC Marine GmbH
Boom length (incl. different boom configurations) (m)	Knuckle telescopic boom
max. hook height (m)	see above
max. crane capacity + outreach (t) (m)	6.0 t @ 15 m

Dynamic Positioning System

DP System	Kongsberg
References	Cyscan DGPS x 2

Deck Equipment

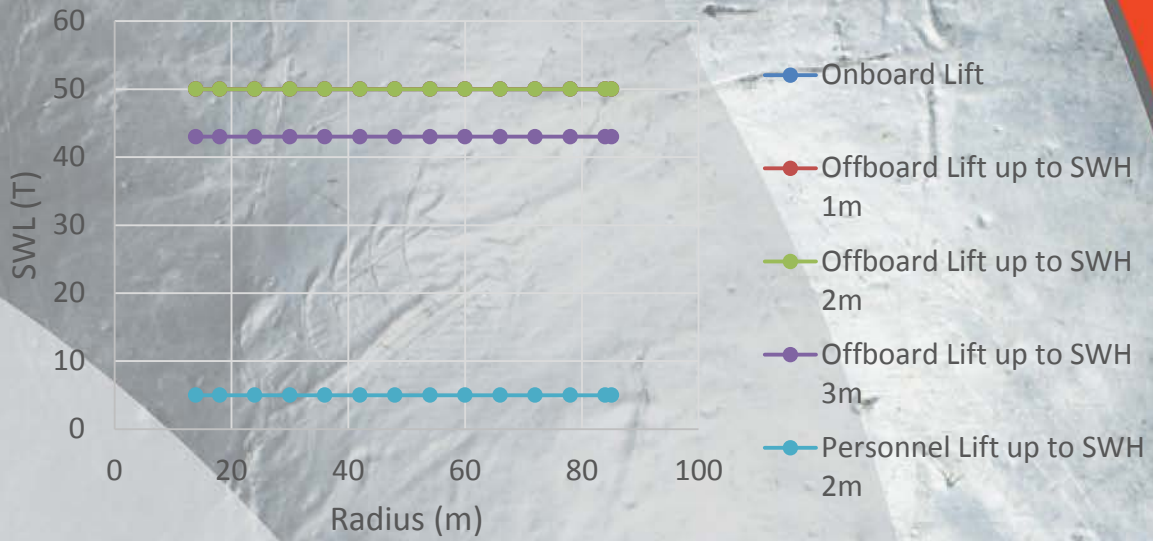
Deck Crane Port	
FRC	Seabear 23 mkII 6 person
Free Fall Lifeboat	60 person

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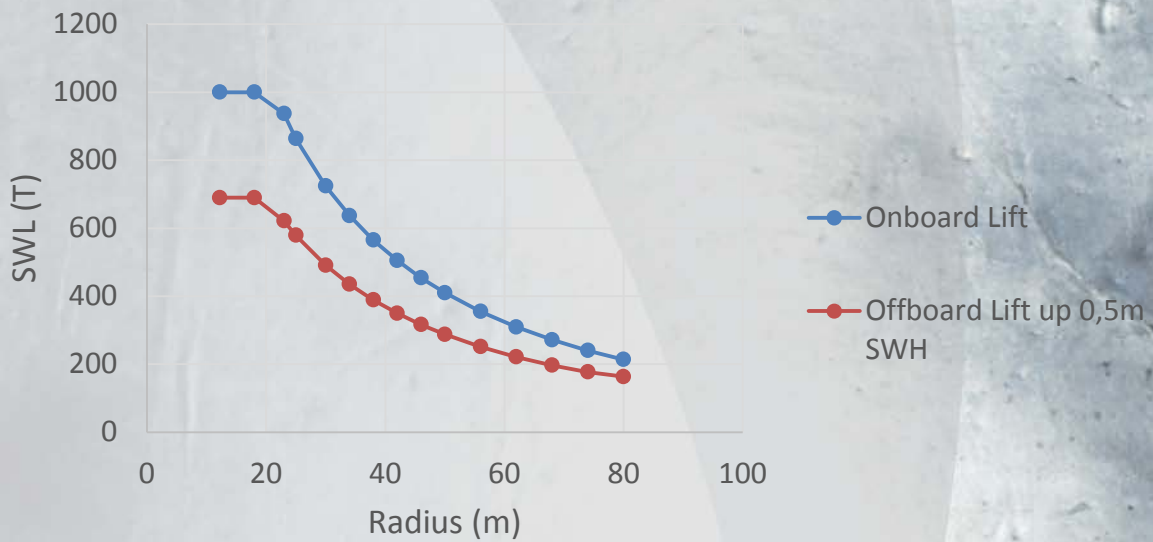
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Auxillary Hoist 1-fall Operation, Boom 78 m Vessel in Jack-Up Position



Main Hoist, 2 x 10-fall Operation, Boom 78m, Vessel in Transit Condition

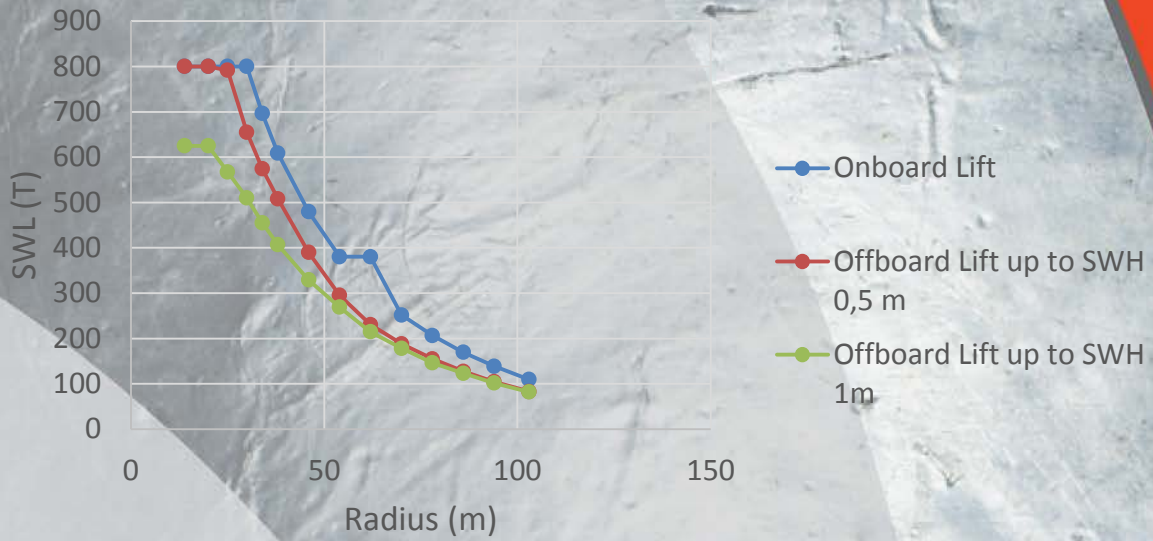


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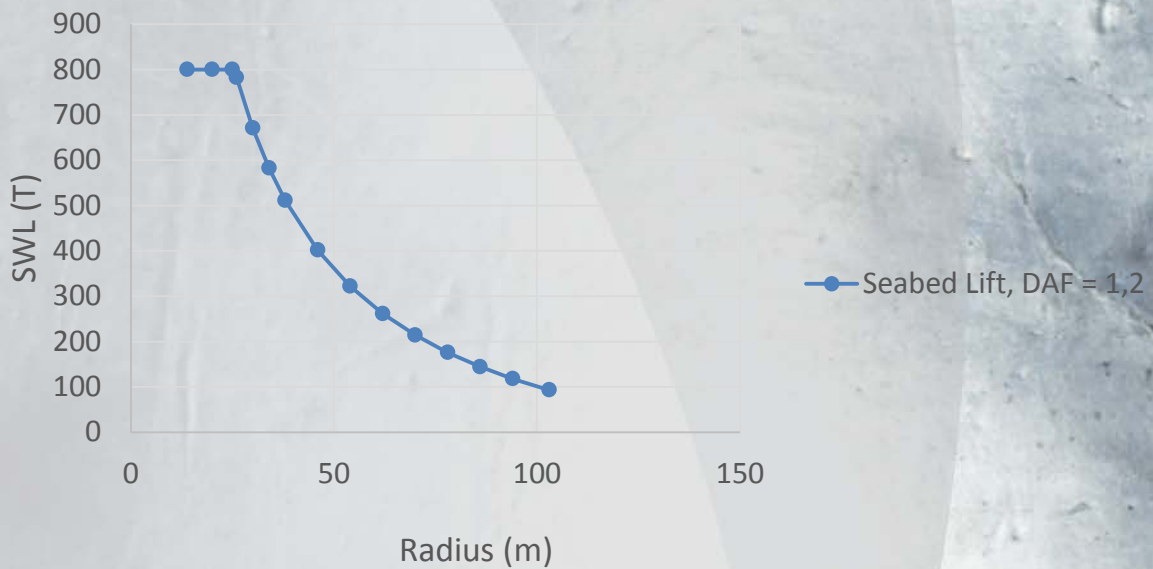
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Main Hoist 2x 8 fall Operation, Boom 102 m Vessel in Jack-Up Position



Main Hoist, 2 x 8-fall Operation, Boom 78m, Vessel in Jack-up Position

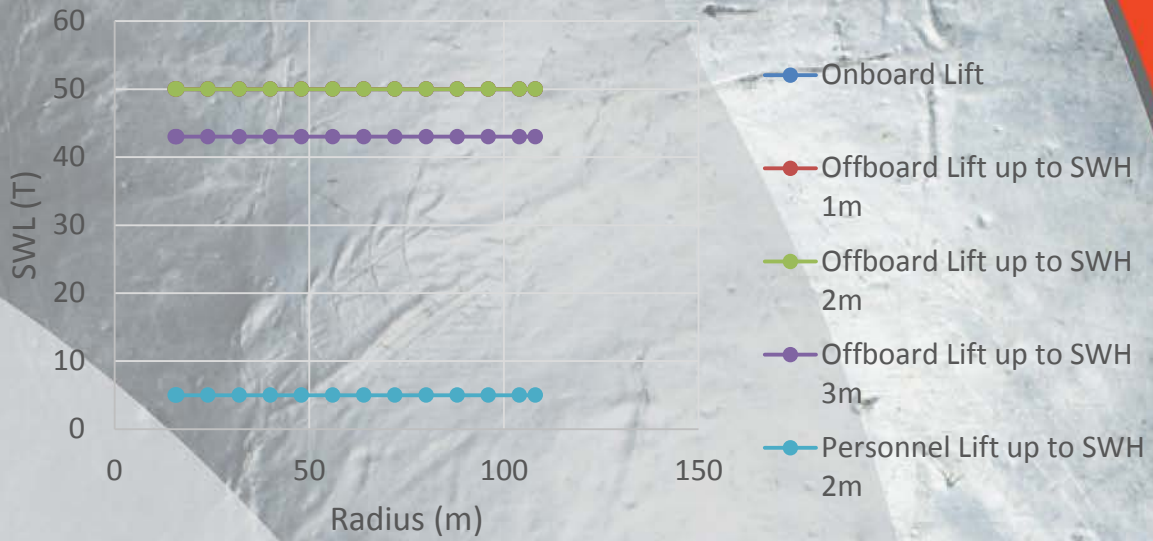


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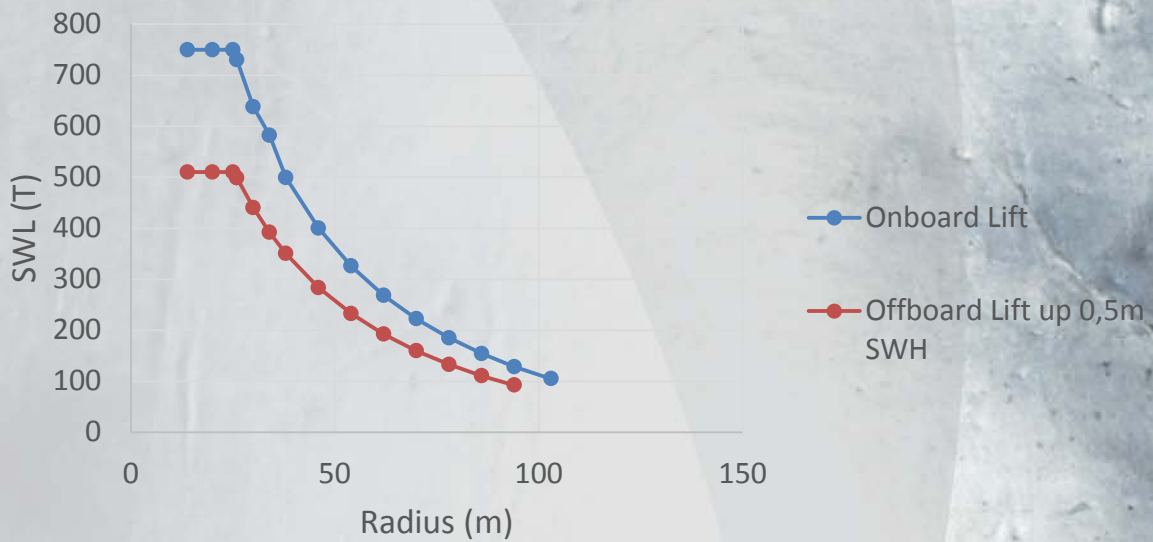
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Auxillary Hoist 1-fall Operation, Boom 102 m Vessel in Jack-Up Position



Main Hoist, 2 x 8-fall Operation, Boom 102m, Vessel in Transit Condition



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