Heavy Lift RoRo Submersible Dock Carrier

**Classification:**

GL 100 A5 E2 BWM(D2) DG MultiPurpose Dry Cargo Ship, Equipped for Carriage of Ro-Ro Cargo, equipped for carriage of Containers, Strengthened for Heavy Cargo, semi submersible, hatchcoverless, IW

**Main Particulars**

- Length, overall: L<sub>oa</sub> appr. 151.50 m
- Length, between pp: L<sub>BP</sub> appr. 145.04 m
- Breadth, moulded: B appr. 25.40 m
- Depth, to main deck: D appr. 13.20 m
- Draught, design: T<sub>FD</sub> 5.67 m
- Draught, submerged: T<sub>D</sub> appr. 12.43 m
- Deadweight, T<sub>Design</sub> DWT<sub>des</sub> 8,000 t
- Speed on T<sub>des</sub> 16.00 kn

**Complement:**

- 32 Pers.

**Capacity**

- Ballast Water appr. 14.800 m³
- MGO Storage appr. 215 m³
- HFO storage appr. 1.760 m³

**Cargo Hold**

- 12 box-typed, interchangeable, closed, water tight floating pontoons usable as weather deck covers or tweendeck pontoons (5 levels)
- Hold space (pontoons in uppermost position) appr.: 119m x 19.4m x 8.1m (L x B x H)

**Cargo cranes:**

- Cargo Liebherr CBB350 2 x 350 SWL 4,88m to 18m radius
- Cargo Liebherr CBB350 2 x 200 SWL 4,88m to 33m radius

**Submerging Operation**

- 2 x 1,600m³/h frequency controlled ballast pumps for float-on/ float off loading

**Machinery**

- Main engine: Wärtsilä / MAK 9L32 2 x 4.500 kW 750 / 600 rpm
- Auxiliary Generator sets:
  - Caterpillar C32 2 x 990 kW 1.800 rpm
- Emergency diesel:
  - Caterpillar C18 2 x 620 kW 1.800 rpm
- Propeller: 4 blade CPP 2 x Ø 4.0 m with feathering mode

**Hold space (pontoons in uppermost position):**

L x B x H = 119m x 19.4m x 8.1m

**Submerging Equipment:**

- Two Full Spade Rudders with Bulb
- 2 x 1,600m³/h frequency controlled ballast pumps for float-on/ float off loading

**Rudder equipment:**

- Two Full Spade Rudders with Bulb

**Cargo cranes:**

- Cargo Liebherr CBB350 2 x 350 SWL 4,88m to 18m radius
- Cargo Liebherr CBB350 2 x 200 SWL 4,88m to 33m radius

**Design and Outfitting:**

- Neptun Ship Design GmbH
- Kurt-Dunkelmann-Str. 4
- 18057 Rostock
- Germany
- +49 381 60 91 20
- management@neptun-germany.com
- www.neptun-germany.com
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