

13,000 DWT DP2 Offshore Deck Cargo Ship



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This vessel is designed with a diesel-electric azimuth drive propulsion system, ensuring efficient maneuverability and lower fuel consumption. It is equipped with DP2 capabilities and a heavy deck load design of 20T/m² with point loads of up to 300T, making it suitable for demanding offshore operations.

Main Particulars:

- **Length Overall (LOA):** 148.40 m
- **Beam (Moulded):** 28.20 m
- **Main Deck Width:** 36.00 m
- **Depth:** 9.00 m
- **Max Designed Draft:** 5.60 m
- **GRT/NRT:** 10,835 / 3,250
- **Deadweight:** 12,940 T

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General Specifications:

- **Port of Registry/Flag:** Liberia
- **Class:** ABS
- **Class Notation:** +A1, Circle E, Offshore Support Vessel, +AMS, +ACCU, + DPS-2
- **Year Built:** 2011

Engine Room Machinery:

- **Fuel Transfer Pump:** 2 x 18.0 m³/hr @ 30m head, horizontal gear with safety valve
- **Sewage Transfer Pump:** 1 x 10 m³/hr @ 50m head, horizontal self-priming centrifugal pump
- **Bilge, Ballast & Fire Pump:** 2 x 175 m³/hr @ 80m head
- **Dedicated Ballast Pumps:** 4 x 1,000 m³/hr @ 37m head
- **Drill Water Cargo Pumps:** 1 x 200 m³/hr @ 90m head
- **Fresh Water Cargo Pump:** 1 x 127 m³/hr @ 90m head
- **Fuel Oil Cargo Pump:** 1 x 150 m³/hr @ 90m head

**Good Conversion Candidate
for DP2 MPSV with large main
deck space**

Deck Cargo Capacity:

- **Deck Cargo Space:** 4,200 m² (Max Length: 136m, Width: 36m)
- **Deck Strength:** 20T/m²
- **Cargo Deck Point Loads:**
 - Transverse Bulkhead & Longitudinal Bulkhead Cross Point: 300T
 - Transverse Bulkhead & Longitudinal Girder Cross Point: 250T
 - Longitudinal Bulkhead & Deck Web Cross Point: 200T
 - Deck Web & Longitudinal Girder Cross Point: 90T

Tank Capacity (Approximate):

- **Potable Water:** 800 m³
- **Fuel Oil:** 4,000 m³ (Fully Double Hulled)
- **Drill Water:** 3,500 m³
- **Ballast Water (Including Drill Water):** 14,000 m³

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Propulsion & Generation:

- **Stern Azimuth Drive:** 2 x 2,500 kW
- **Bow Thruster:** 2 x 1,120 kW
- **Main Generator:** 4 x 1,800 kW, 690V/3Ph/60Hz
- **Auxiliary Diesel Generators:** 2 x 820 kW, 690V/3Ph/60Hz
- **Emergency Diesel Genset:** 1 x 150 kW, 440V/3Ph/60Hz

Performance:

- **Speed @ Design Draft:** Approximately 11.0 knots
- **Endurance:** Approximately 21,000 miles

Accommodation:

- **Captain / Chief Engineer / Officer Cabins with Dayroom:** 3 rooms
 - **Ordinary Class Single Cabins:** 17 rooms
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