Magnolia C

220′ Platform Supply Vessel with DP-2 Capability

- **Offshore platform supply vessel with 5,760 ft² clear cargo deck and 940 mt deck cargo capacity**
- **DPS-2 dynamic positioning, twin CAT 3512B mains, and multi-product liquid cargo systems**
- **ABS classed (A1 / AMS / DPS-2), U.S. flagged, and USCG Subchapter L certified**

Magnolia C is a 220-foot platform supply vessel built for offshore logistics and dynamic-positioning support. With a 144′ x 40′ clear working deck rated to 940 mt and integrated systems for fuel, drill/rig water, liquid mud, methanol, and dry bulk, she is configured to service offshore installations across a wide range of mission profiles. Her twin Caterpillar 3512B main engines, bow and stern thrusters, and DPS-2 class dynamic positioning provide precise stationkeeping alongside platforms and during transfer operations. ABS classed and USCG Subchapter L certified, she berths 21 personnel across six air-conditioned staterooms and is equipped for sustained offshore support.

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Magnolia C

Platform Supply Vessel : 220′x48′

USCG Official Number – 1140618

- **DPS-2 Dynamic Positioning**
- **144′ x 40′ Clear Cargo Deck**
- **Twin CAT 3512B – 3,150 BHP**
- **Multi-Product Liquid & Dry Bulk Cargo Systems**

Specifications :

REGISTRATION

Owner: Curtin Maritime, Corp.
USCG Official #: 1140618
IMO: 9297747
Built: 2003
Tonnage: 76 GRT / 51 NET
Classification: ABS +A1, +AMS, +DPS-2
Class ID: 03125336
Certification: USCG Subchapter I/L
Flag: U.S.A

MAIN CHARACTERISTICS

Length Overall: 220 ft (64.0 m)
Beam: 48 ft (14.6 m)
Depth: 15.0 ft (4.57 m)
Max Draft: 15.0 ft (4.57 m)
Min Draft: 8.0 ft (2.44 m)

PERFORMANCE

Top Speed:
13.5 knots
Cruising Speed:
11.5 knots

CAPACITIES

Deadweight: 1,610 LT (1,636 mt)
Deck Cargo: 925 LT (940 mt)
Cargo Deck Area: 144.0 x 40.0 ft (5,760 ft²)
43.9 m x 12.2 m (535 m²)
Deck Strength: 540 lbs/ft² (2.6 t/m²)
Fuel: 108,000 USG (408.8 m²)
Drill / Rig Water: 100,500 USG (380.4 m²)
Liquid Mud: 3,560 bbls (566.0 m²)
Methanol: 1,400 bbls (161.9 m²)
Dry Bulk: 4,500 ft² (127.4 m²)
Potable Water: 28,000 USG (106.0 m²)

CARGO DISCHARGE

Fuel: 400 Bbl/hr (90.8 m²/hr)
Drill / Rig Water: 300 GPM (68.1 m²/hr)
Liquid Mud: 600 Bbl/hr (95.4 m²/hr)
Methanol: 600 Bbl/hr (95.4 m²/hr)
Dry Bulk: 80 psi (6 bar)

PROPULSION – MACHINERY

Total Horsepower: 3,150 BHP
Main Engines: 2 x Caterpillar 3512B
Propellers: 5-blade NIBRAL, 80 in (2,032 mm)
Main Generator: 1 x Caterpillar 3306, 170 kW
Bow Thrusters: 2 x Caterpillar 2412TA, 720 BHP
Stern Thruster: 1 x Schottel, 450 BHP
Rudders: Spade

DYNAMIC POSITIONING

Class: DPS-2
ABS DPS-2 notation

FIRE FIGHTING

Fire Monitor:
1 x 1,250 GPM (283.9 m²/hr)

ACCOMMODATION

Berthing: 21 persons
Staterooms: 6 air-conditioned / heated
1 x single-berth
2 x 2-berth
1 x 4-berth
2 x 6-berth

ELECTRONICS

2 x Furuno Radar
3 x VHF, 1 x SSB
Furuno Fathometer
GPS / DGPS (Furuno)
Interfaced CP Plotter
Furuno AIS