

Secunda Vessels

Mariner Sea

*DP 1, large platform supply vessel,
pipe carrier for deepwater operations*





Mariner Sea

Official Flag: [Canadian](#)
Built/Year: [Norway - 1979](#)
Class: [Lloyds ✦ 100A1 LMC UMS DP\(AM\)](#)

HULL

Dimensions:
LOA: [87.92 m](#)
LBP: [84.07 m](#)
Beam: [18.0 m](#)
Depth: [7.15 m](#)
Operating Draft: [5.447 m](#)
Gross/Net: [2,904 MT / 871 MT](#)

TOWING & MOORING

Anchor: [2 @ 2,572 KG](#)
Anchor System: [1 @ 137.5 m; 1 @ 221.5 m](#)

COMMUNICATION & NAVIGATION

Communication: [E-Mail / Fax / Vsat / F77](#)
Radio: [GMDSS, VHF, UHF, SSB](#)
Radar: [2](#)
Gyro Compass: [2](#)
Echo Sounder: [2](#)

ACCOMMODATION

Berths (air conditioned & heated): [38](#)
Medical: [clinic with one bed](#)
Other Facilities: [mess room, galley, lounge](#)

POWER

Main Generator: [2 @ 2,300 BHP](#)
Emergency Generator: [1 @ 69 kW](#)
Aux Generator: [2 @ 900 kW; 1 @ 680 kW](#)
Shaft Generator: [2 @ 840 kW](#)
Main Propeller: [4 blades of Ni/A6 Bronze. 2,500mm dia. 260 rpm.](#)
Bow Thruster: [2 @ 500 BHP tunnel, controllable pitch; 1 @ 800 BHP tunnel, controllable pitch](#)
Stern Thruster: [1 @ 800 BHP tunnel, controllable pitch](#)
Rudder: [2 @ semi-spade](#)

PERFORMANCE

Max Speed: [12.5 kts @ 16 MT/day](#)
Econ Speed: [10.5 kts @ 11 MT/day](#)
Stby In-field: [3 MT/day](#)
Roll Reduction: [3 @ stability tanks](#)

SAFETY

Life Raft: [120-persons](#)
Rescue Boat: [1](#)
MOB: [1](#)
Safety System: [meets flag and regulatory body requirements](#)

CRANES

Provision Crane: [1 @ 0.6 MT @ 12 m \(Stbd\)](#)
Deck Crane: [1 @ 2.9 MT max -1.4 MT @ 14 m \(Port\)](#)

EQUIPMENT

Tugger Winch: [2 @ 5 MT high - 19 MT low speed](#)
Capstans: [2 @ 10 MT](#)
Watermaker: [RO Plant, 25 m³/day](#)

CARGO CAPACITY

Deadweight: [4,044 MT](#)
Deck Area: [817 m² @ 5 MT/m²](#)
Deck Load: [2,300 MT](#)

TANKS

Fuel: [960 m³](#)
Potable Water: [529 m³](#)
Drill Water: [1,300 m³](#)
Liquid Mud: [417 m³](#)
Brine: [440 m³](#)
Base Oil: [417 m³](#)
Dry Bulk: [255 m³ \(6 tanks\)](#)

DISCHARGE CAPACITY

Fuel: [1 @ 100 m³/h](#)
Potable Water: [1 @ 150 m³/h](#)
Drill Water: [1 @ 150 m³/h](#)
Liquid Mud: [2 @ 60 m³/h = 120 m³/hr](#)
Brine: [1 @ 100 m³/h](#)
Base Oil: [2 @ 60 m³/h = 120 m³/h](#)
Bulk Compressor: [2 @ 50 MT/h](#)