

85M DP2 Sub-Sea Maintenance Vessel

General

"6000 BHP, DP2, Subsea Support Maintenance Vessel"

Year Built: April 2016

Classification: ABS

Class Notation : + A1 (E) Offshore Support Vessel , (Supply – HNLS , Fi Fi 1) , SPS , +AMS , ACCU , DPS-2 , + CRC , Helideck , UWILD

Built : China

Flag: Singapore

Port of Registry: Singapore

Principal Dimensions

Length Overall: 85.00 M	Length Waterline: 81.128 M	Length B.P.: 77.75M
Breath Molded: 22.00 M	Depth Molded: 8.00 M	Draft Molded: 6.30 M
Dead weight: 3200 T	Gross Tonnage: 4551 T	Trial Speed: 12.5 Kn.
Moon Pool: 8.0 m x 8.0 m	Heli-Deck:	option of a Sikorsky 61
Class Notation: ABS + A 1 (E)	) "Offshore Support Vessel, Unrestricted Services, Fi-Fi Class 1, CRC, HELI Deck, UWILD, + MS +ACCU +DPS-2	

Accommodation

One Man Cabin: 11 Cabins = 11 Berths,	Two Men Cabin: 11 Cabins = 22 Berths
Four Men Cabin: 32 Cabins = 128 Berths,	Total Number of Berths: 161 Berths

Machinery & Propulsion

Main Engines: 2 x 3000bhp@750rpm (YANMAR), **Shaft Generators:** 2 x 1500KW (Siemens)

Main Generators: 3 x 880KW@720rpm (YANMAR) , **Emergency D/G:** 1 x 192KW (CAT)

Propeller: 2 x CPP Azimuth Thrusters (Schottel), **Bow Thrusters:** 2 x 12T CPP

(Schottel) **F.W. Plants:** 2 x 50m3/Day (Aquachem), **Sewage Plant:** 1 x 182Persons (70 Lit/Person/Day)

Fire pumps: 2 x 2000M3/hr. @ 14 bar (M/E Driven), **Fire Monitors:** 2 x 1200M3/hr. @ 12 bar

Independent Diesel Driven Fire Pump (Independent Sea Chest) : 1200 M3/hr.

Capstans: 2 x elec. Hyd. 10 t @ 15M/min, **Tugger Winches:** 2 x elec. Hyd. of 10 t @ 15M/min

Deck Main Crane: 1x electro hydraulic driven crane of 100t@15M (Macgregor) AHC function

Deck crane: 1 x 3 T @ 14.0M (Macgregor)

Mooring Winches: 4 points mooring system, 40T@10m/min, 1200m@40mm dia. (Macgregor)

Cargo Capacity

Deck Cargo: 800 T,

Deck Loading Capacity: 7.5T/M²,

Deck Area: 730M²

Fuel Oil: 1150M³, **Fresh Water:** 740M³, **Drill Water:** 1750M³,

Mud/Brine: 410M³

Discharge Rates

Fuel Oil: 2x 150M³/hr. @ 75M head

Fresh Water: 1 x 150M³/hr. @ 75M head

Drill Water: 1 x 150M³/hr. @ 75M head

Mud: 2 x 70M³/hr. @ 85M head

Navigational / Radio Equipment

X-Band Radar: 1 x Furuno

S-Band Radar: 1 x Furuno

Echo Sounder: 1 x Furuno

GPS Plotter: 1 x Furuno

Gyro Compass: 3 x Anschuetz

Magnetic Compass: 1 x Set

Magnetic Compass: 1 x Cassens

Auto Pilot & Steering: 1 x Anschuetz

Weather Facsimile Receiver: 1 x Furuno

Doppler Speed Log: 1 x Furuno

MF/HF Transceiver (GMDSS): 1 x Furuno

Satellite EPIRB (GMDSS): 1 x Set

2-way Portable VHF Radios (GMDSS): 3 x Units

Anemometer: 3 x Units

Automatic Identification Sys. (AIS): 1 x Furuno

Public Address: 1 x Set

Intercom Sys. : 1 Set (24 Stations)

Self Powered Tel. : 1 Set (9 Stations)

