Principle Dimensions

Classification: ABS A1 (E) Pipelay / Heavy Lift Vessel
AMS (DPS-1)

Total Length: 160.70 m
Breadth Moulded: 37.8 m
Depth to Work Deck, Moulded: 15.0 m
Depth to Freeboard Deck, Moulded: 9.1 m
Main Deck Strength: 10 tonnes/m²
Free Deck Area: 2,000 m²

Accommodation

5 x 1 Berth Cabins with Day Room: 5 men
21 x 1 Berth Cabins: 22 men
22 x 2 Berth Cabins: 46 men
55 x 4 Berth Cabins: 216 men
Total: 289 men
Equipped with 2 Recreation Rooms, 1 Galley, 1 Prayer Room

Pipelay Capabilities

Pipe Size: 6” to 60” OD
Tension Capacity: 200 MT (2 nos. x 100 MT each)
A & R Winch-Tension Capacity: 200 MT
Welding Stations: 6 nos.
NDT Station: 1 no.
Field Joint Stations: 2 nos.
Davits: 6 nos. x 50 MT
Type of Stinger: Floating Truss 160 ft long 1st Section, 60 ft 2nd Section

Main Crane
Main Hook Capacity: 2,722 MT @ 27 m Rad.
Aux. Hook Capacity: 725 MT @ 53 m Rad.
Whip Hook Capacity: 100 MT @ 95 m Rad.
Boom Length to Main Hook: 75 m
Boom Length to Auxiliary Hook: 85 m
Boom Length to Whip Hook: 95 m

Pipe Handling Cranes (2 Nos.)
Fixed Pedestal Cranes: 2 each
Maximum Lifting Capacity: 50 MT @ 29 m Rad.

Mooring System
150T Mooring Winches: 10 nos.
Mooring Anchors: 10 ea of 12.5 MT Delta Flipper

Propulsion
Speed: 11 knots
Engine: Wartsila 8L26
Bow Thruster: 1 x 1,250 kW
Stern Thruster: 2 x 2,400 kW

Machinery

Main Generators: 3 x 2,600 kW
Emergency Diesel Generator: 1 x 1,000 kW
Fresh Water Maker (RO): 60 tonnes/day with 1 standby
Sewage Treatment Plant: 2 nos. for 330
Air Compressors: Approx. 2,000 cfm @ 10 bar
Machine Shop: 1 ea

Tank Capacities
SWB/FW Tank (non-potable): 12,465 m³
FW Tank (Potable): 942 m³
F.O. Tank: 2,334 tonnes
Dirty Oil Tank: 50.29 m³
Lube Oil Tank: 47 tonnes

Pumps
Ballast Pump: 2 @ 360 m³/hr
Anti Heeling Pump: 1 x 1,600 m³/hr & 2 x 1,400 m³/hr
FO Transfer Pump: 2 @ 22.5 m³/hr
Fresh Water Transfer Pump: 2 @ 35 m³/hr
Sewage Discharge Pump: 1 x 10 m³/hr
Sludge Oil Pump: 1 x 14.2 m³/hr
Fire & GS Pump: 1 @ 100 m³/hr & 3 @ 160 m³/hr
Emergency Fire Pump: 1 @ 100 m³/hr

Safety Equipment
4 x 90 capacity Life Boat: 360
Life Jackets: 200% coverage of the total maximum onboard
Life Buys: As per class & flag requirement
Rescue Boat (FRC): 1 no. x 25 HP Boat
L/Boat (Rescue Boat): 2 nos.

Radio Communications Equipment
SSB, DSC, Inmarsat C, VHF (GMDSS), GMDSS Portable, Portable VHF, Air band VHF, UHF, Portable Air Bank VHF & Internet Line Helicopter

Navigation System
Helideck Capable of Handling S61-N Sikorsky Type Helicopter
Gyro-Compass, Sat Com, V-SAT, Radars, Radar Transponders, EPIRB Radio Beacons, SatNav System DGPS

Heavy Lift Pipe Laying Vessel

LTS 3000

Owner reserves the rights to amend the specifications without notification.