

75 M PLATFORM SUPPLY VESSEL (PS7502)

SPECIFICATION

PRINCIPAL PARTICULARS

Length Overall:	75.00M
Length W.L.:	71.91M
Length BP:	66.98M
Beam Moulded:	17.25M
Depth Moulded:	8.00M
Draft (Designed):	6.50 M approx.
Complement:	1 men cabin x 14 = 14 pax 2 men cabin x 18 = 36 pax Total = 50 pax
Deadweight:	3,000 Tonnes (approximate at maximum draft)
Gross Tonnage:	2,950 Tonnes (approximate)
Net Tonnage:	855 Tonnes (approximate)
Speed:	13 knot (minimum) @ Ballast Condition
Endurance:	28 days (approximate)
Deck Area:	700 m ²
Deck Cargo:	1,200 Tonnes

Deck Strength:	5.5 Tonnes/m ² @ uniform loading
Fuel Type:	Marine Gas Oil
Condition:	New

CLASSIFICATION

ABS Class, +A1, (E), OFFSHORE SUPPORT, FIRE FIGHTING VESSEL CLASS-1, +AMS, +ACCU, +DPS-2.

OTHER COMPLIANCES

- International Load Line Convention – Type ‘B’ Freeboard.
- SOLAS 1974 including Amendments of 1981, 1983, 1991.
- COLREG 1972 including Amendments of 1981.
- IMO Resolution MSC 235 (82) – Guidelines for the Design and Construction of Offshore Supply Vessel 2006.
- IMO Resolution MSC 266 (84)-Code of Safety for Special Purpose Ships 2008 (For less than 60 personnel)
- MARPOL 1973/78 Annex I,IV,V & VI.
- Carriage of NLS in accordance to IMO A673

TANK CAPACITY (APPROXIMATION)

F.W.:	500 m ³
F.O.:	1,000 m ³
Drill Water/S.W Ballast:	1,500 m ³
Liquid Mud:	600 m ³

Dry Bulk (Cement/Barite)	226 m ³ (4 tanks)
Foam:	14 m ³
Detergent:	14 m ³

BULK HANDLING SYSTEM

Total Capacity:	226 m ³
Number of Tanks:	4
Working Pressure:	80 psi/5.6 bar

MAIN PROPULSION

Main Thrusters:	2 x 3,000 PS (8L28H), Azimuth Thrusters (Fixed Pitch Propeller) Brand: Niigata
Bow Thrusters:	2 x Tunnel Thrusters c.w CPP Electric Motor Driven 600 kw, about 10 Tonnes. Brand: Kawasaki

POWER PLANT

Main Generators:	3 x Diesel Driven, 450 kw each, 415VAC/3/50 Hz Brand: Cummins/Cat/Volvo penda
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Shaft Generator: 2 x Units; PTO from front of Main Engine through a step up gear box having power output of 1000kw, 415 VAC/ 3/50Hz
Brand: Leroy Somer/Siemens

DECK MACHINERY

Capstan: 2 x 10 MT, Electro-hydraulic driven
Brand: Plimsoll/Mentrade

Tugger Which: 2 x 10 MT, Electro-hydraulic driven
Brand: Plimsoll/Mentrade

Deck Crane: 1 x SWL 3 MT at 10 Mtr Outreach
Brand: Plimsoll/Mentrade

DECK CRANE

One (1) unit marine crane with S.W.L of 3.0 Tonnes at 10 meter outreach located on main deck aft of accommodation.

FIRE FIGHTING EQUIPMENT

Fixed Fire Protection System: CO² (For Engine Room)
Brand: Consilium/Tyco

FiFi Fire Pumps: 2 x 1500 m³ /hr c/w with water spray system

Fire Monitors:	2 x 1200 m ³ /hr, Electric Joystick Control from Wheelhouse (1 x with double barrel for foam & water discharge and 1 for water only)
Dispersant System:	2 x 6m in length Spray Boom c/w the standard proportional and metering devices(1 to 6%) Brand: Unitor

COMMUNICATION & NAVIGATIONAL EQUIPMENT

Communication System:	GMDSS for Area A3, PA/Talkback system and Sound Powered Telephone System, Auto Telephone System.
Navigational Aids:	Radar, Echo sounder, GPS Plotter, Gyro and Magnetic compasses, Auto-pilot, AIS, Weather Facsimile.

ACCOMMODATION

Fully Air-Conditioned with heating.

Accommodation and equipment is designed for 50 crews.

SAFETY EQUIPMENT

Vessel's safety equipment to be in accordance to SOLAS & Flag state.

One (1) SOLAS approved diesel powered Rescue Boat for 6 men c/w SOLAS approved rescue boat davit.

Fireman's outfit according to FiFi 1

DYNAMIC POSITIONING SYSTEM

ABS Classed DPS-2

SPARE PART

Class Standard requirements applied