

Brief Introduction

75m Platform Supply Vessel



PRINCIPAL PARTICULARS

Builder	Fujian Mawei Shipbuilding Ltd.
Designer	Fujian Mawei Shipbuilding Ltd.
Class	ABS +A1 (E) Offshore Support Vessel, Supply HNLS,FFV-1,OSR-C1, UWILD, SPS , ENVIRO,GP + AMS + DPS-2, ACC,RW
Propulsion TYPE	Electric Propulsion

DIMENSIONS

Length Overall	75.00m
Length BP	~66.87m
Beam Moulded	17.2m
Depth to Main Deck	7.8m
Design Draft	6.30m

MACHINERY

Main Diesel Generators	4 x 1800 kW (total 7200kW)
Emergency Generator	1 x 276kW Cummins
Thrusters	2 x 2000kW 360 deg Azimuths, FPP
Bow Thrusters	2 x 700 kW tunnel Thrusters, CPP

SPEED

Trial Speed at 5.00m	14.30 Knots. 100% MCR
Type of Fuel	MDO

CAPACITIES

Fuel Oil	1220 Cu.m
Fresh Water	760 Cu.m
Water Ballast/Drill Water	1300 Cu.m
Dry Bulk	215 Cu.m
Mud / Brine/REC. OIL	504 Cu.m
Methanol /MUD	239 Cu.m
Lub Oil	31 Cu.m
Deadweight	ABT. 3700 tonnes
Deck Cargo Capacity	1650 tonnes
Cargo Deck Free Area	~700 m ²
Deck Strength	7.5t/ m ²

PUMPS

Fuel	1 x 100 Cu.M @ 80m Hd
Fresh Water	1 x 150 Cu.M @ 80m Hd
Dry Bulk	2 x 75 Ton/ Hr, Simultaneous discharge
Mud	2 x 100 m3/hr @225mHd
Methanol	2 x 50 Cu.M @ 63m Hd
Brine	2 x 100 m3/hr @225m/50mHd

ACCOMMODATION

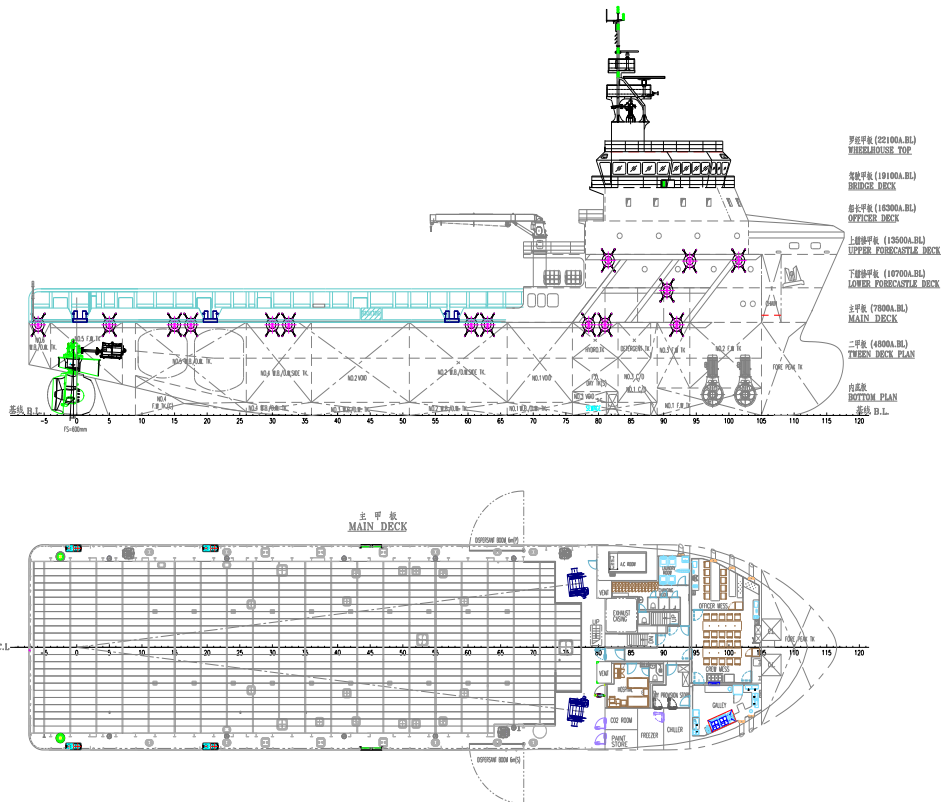
One Man Cabins	10 x 1 man=10 men
Two Men Cabins	20 x 2 men= 40 men
Total Beds	50 Total
1 x Hospital	1 bed
Offices	3
Sewage system	50POB
Fixed gas Detection	H2s and LEL

AUXILIARY EQUIPMENT

1 x 10 t/d Fresh Water
Dry Bulk Air

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RADIO & NAVIGATION EQUIPMENT

GMDSS: Area 3
 1 x Inmarsat C with GPS and LRIT
 1 x MF/HF-DSC Radio Telephone
 2 x VHF-DSC Radio Telephone
 1 x SSB Transceiver 6 Channel DSC
 1 x 96nm X-band Radar 20.1" display
 1 x 96nm S band 20.1" display
 4 x VHF Portable radios
 1 x Magnetic Compass
 1 x Gyrocompass
 1 x DGPS
 1 x Autopilot
 1XBWAS
 1 x Echo Sounder ,Speed log
 1X VDR

1 x Weather Fax Receiver
 1 x Auto Telephone system
 1 x Sound Powered Telephone system
 1 x PA/Talkback System
 Local Area Network (LAN) connected
 1 x TV and Radio system
 1X AIS

DPS-2, with following reference systems(Kongsberg):

3 x Gyro Compass (one from radio vendor,
 the other two supplied by DP vendor)
 -3 x Wind sensors - 3 x VRUs
 1 x Radius, 2xDGPS

Seachest provided for HIPAP (Optional)

DECK & AUX. EQUIPMENT

Anchors	2 x 2140kgs HHP(AC-14)
Chain	48mm U2 grade Tot 495 M
Anchor/ Mooring	2 x 10t @ 0 - 09m min C/W warping
Tugger Winches	2 x 10t @ 12m/min
Capstans	2 x 5t @ 15m min

FIRE EXTINGUISHING SYSTEM

Fi Fi Class 1,2 x 1790 Cu.m @ 125m Hd
 Emergency Fire Pump 35 Cu.m @ 60m Hd
 Fixed Co2 System Engine Room
 Fixed Water Mist Engine Room
 6 x fireman outfits
 2 x fire blankets for engine room and galley

LSA EQUIPMENT

1 x Diesel Powered Fast Rescue Boat for 15 persons. With A Launch and Recovery Davit
 4 x 20 man life rafts SOLAS approved each side
 12 x Lifebuoys SOLAS approved