

Built 2016 in China / Loa 60m x Beam 15,2m / 1650 ton DWT / 420 m2 deck/ 54 beds / SPS Class Notation/ DP2 / 3.820kW installed power / DM propulsion



Class

ABS +A1 (E) Offshore Support Vessel,
Supply HNLS,FFV-1,OSR-C1, UWILD, SPS
, ENVIRO,GP + AMS + DPS-2, ACC,RW

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

Propulsion TYPE	Electric Propulsion	Brine	2 x 100 m3/hr @225m/50mHd
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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

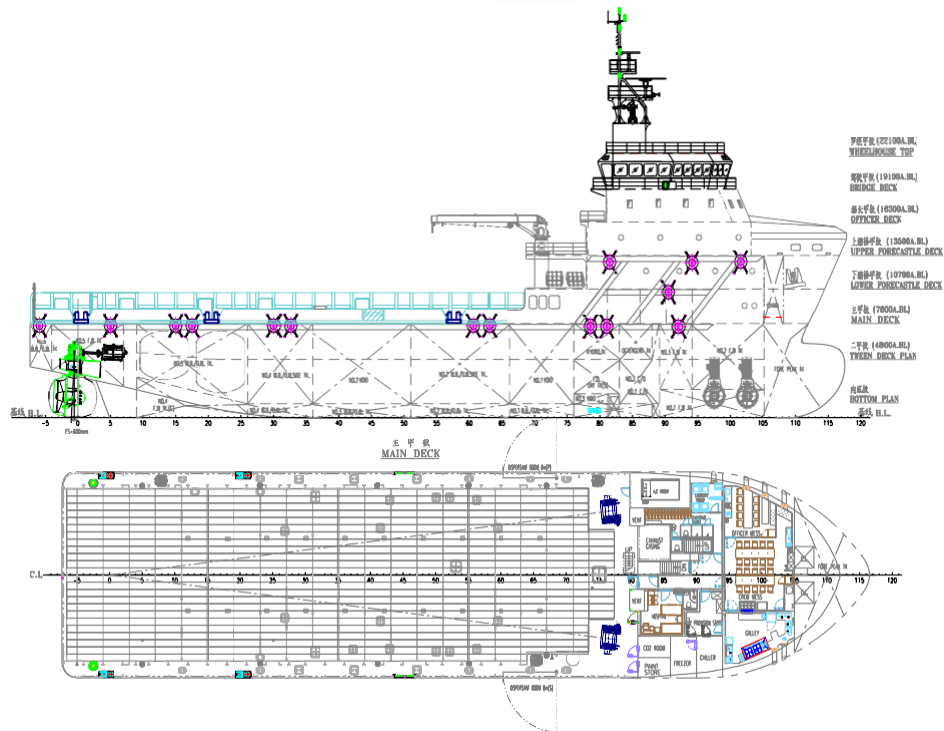
Methanol /MUD	239 Cu.m
Lub Oil	31 Cu.m
Deadweight	ABT. 3700 tonnes
Deck Cargo Capacity	1650 tonnes
Cargo Deck Free Area	~700 m^2
Deck Strength	7.5t/ m^2

ACCOMMODATION

One Man Cabins	10 x 1 man=10 men
Two Men Cabins	20x 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



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
- 1XBNWAS
- 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
- 1XAIS
- 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