

M. V. STANFORD GOSHWAK

4000 BHP Multi Purpose Supply Vessel DPS 1, FiFi 1



PRINCIPAL PARTICULARS

Year Built : 2011
Builder : Fujian Mawei Shipbuilding Industry Group, China
Call Sign : J8B4476
Official No. : 10949
Class : ABS+A1 E *Offshore Support Vessel, Fire Fighting Class 1 + AMS+ DPS 1, SPS

Compliant :
Flag : St. Vincent Grenadines
GRT /NRT : 1399/419

DIMENSIONS

Length Overall : 57.50m
Length between
Breadth Moulded : 13.80m
Depth Moulded : 5.50m
Draft : 4.50m
Freeboard : 1.0m

MACHINERY

Main Engines : 2 x 2000 BHP @ 1600 rpm each
Cummins QSK60-M
Propellers : Fixed Pitch 360o Azimuths
SRP 1212FP.SCHOTTEL/ GmbH
Bow Thruster : 1 x 430 KW Tunnel Thruster Schottel STT330LK CP
415V, 50Hz, SCHOTTEL/ GmbH
Generator : Generator 3 x 350 KW / 415V / 3 ph / 50 HZ diesel driven,
Cummins KTA 19
Emergency Generator : 1 x 70kw / 3 ph / 415V / 50HZ diesel driven
Cummins 6BT 5.9 DP-1
Air Con & Refr. Plant : Air con cooling plant: 90YH60, 2 sets
Air con for ECR: 90MA406, 1 set
Air con for wheel house: 50ss042, 2 sets
Ref provision plant:90YK12, 2 sets
Maker: Carrier/ Cadar
Engine for FIFI Pump : 746kW/1800rpm, Cummins 38-M1

SPEED

Max. Speed : 12.0kts
Type of Fuel : Marine Gas Oil
Consumption : Abt 10mt/24 hrs @ 100% MCR

CAPACITIES

Fuel Oil : 450 cbm
Fresh Water : 196 cbm
Water Ballast/Drill Water : 369 cbm
Liquid Mud : 162 cbm
Bulk Cement : 187 cbm (4 x 1650 cuft)
Lub Oil : 5.3 cbm
Dispersant : 13.5 cbm
Foam : 13.5 cbm
Deck Cargo : 500 mt
Deck Area : 350 sqm
Deck Strength : 7t/sqm
Deadweight : 1350 mt
Freezer abt : 15 cbm
Cooler abt : 8 cbm

DISCHARGE CAPACITIES

Fuel Oil : 1 x 150 cbm/hr @ 75m head
Fresh Water : 1 x 100 cbm/hr @ 75m head
Drill Water : 1 x 100 cbm/hr @ 75m head
Liquid Mud : 2 x 75 cbm/hr @ 75m head
Bulk Cement : 2 x 13 cbm/min @80 psi

ACCOMMODATION

One Man Cabins : 4 cabins
Two Man Cabins : 3 cabins
Four Man Cabins : 10 cabins
1 x Hospital with 1 bed : Fully Air-Conditioned

DECK & AUX. EQUIPMENT

Anchor : 2 x 1590kg HHP anchors
Chain : Total length 412.5m x 34mm U2 stud link chains
Anchor Windlass : 1 x electro hydraulic with 2 cable lifter and 2 warping drums
Winch Rating : 9mt @ 12m/min for 36mm DIAchains
Capstan : 2 x 5mt @ 15m/min electro hydraulic
Maker of deck machinery: South China Marine Machinery Plant, CSSC, China
Deck Crane : Sormec Marine Crane M460/3S
SWL : 20T @10 m radius, 5T @3.65m radius

RADIO & NAVIGATION EQUIPMENT

GMDSS: Area 3
Rack Console System comprising :
a) 2 x Inmarsat C with EGC
b) 1 x MF/HF-DSC Radio Telephone
c) 2 x VHF-DSC Radio Telephone
d) 2 x SART
e) 1 x EPIRB
f) 1 x Navtex Receiver
g) 3 x VHF Portable radios
h) Numerous radio Receivers
i) 1 x A.I.S. (Automatic Identification System)
1 x Kongsberg Joystick Control
1 x VHF/FM Radio Telephone
1 x SSB Radio
2 x 96nm X-band Radar
1 x GPS Plotter
1 x Magnetic Compass
1 x Gyrocompass
1 x Autopilot
1 x Weather Fax Receiver
1 x Doppler Speed Log
1 x Echo Sounder
1 x PA/Talkback System
1 x Self Powered Telephone
1 x Anemometer
1 x Auto Telephone system
1 x TV and Radio system
1 x VSAT
DP-1

FIRE FIGHTING & LSA EQUIPMENT

External FIFI : 2 x 1500 cbm/hr @ 14 bar / 140 mlc / 1800 rpm
Pump : 2 x 1200 cbm/hr @ 12 bar (with remote control)
throw length 120m / throw height 45m from sea level
Monitors : One monitor fitted with double barrel for foam discharge
1 x Water Spray Curtain round the Hull & Deckhouse
Engine room water spray system : Seaplus, South Korea

Fire Extinguishing System

Engine Room CO2 system
12 x fire hydrants and fire extinguishers as Class requirements
2 x fireman outfits
4 x fire blankets for engine room and galley
1 x BA recharging compressor of 75 ltrs/min @ 200 bar

Life Saving

4 x 25 men Inflatable Liferrafts
8 x Lifebuoys
60 x Lifejackets
2 x MOB-Light Smoke Signal
4 x Self-Contained Line Throwing Apparatus
12 x Parachute Distress Signals
12 x Red Handflare Distress Signals
12 x Smoke Signals
1 x First Aid Kit
1 x FRC 15 man diesel inboard clw launch recovery davit (Optional)
1 x Rigid Inflatable Rescue Boat for 6 persons (with outboard motor)
4 x Air breathing apparatus
3 x Immersion Suits
5 x 1000W floodlights
2 x 2000W searchlights
1 x daylight signaling light
1 x air horn and 1 x electric horn

AUXILIARY EQUIPMENT

1 x Sewage Treatment Plant suitable for 50 men, ST4A, 6000L/day
Maker of sewage treatment plant: Hamworthy KSE Ltd. Marine & offshore
Water Maker (Optional)*
1 x Air Compressor, 9cbm/h @ 10bar, Atlas copco LE15-10, Belgium
1 x Oily Bilge Water Separator, capacity 1.0 cbm/hr with oil content less than 15 ppm
Maker of oily water separator: Hamworthy KSE Ltd. Marine & offshore
1 x Electric Heating Calorifier, 1000L, CSSC (Nantong), China
1 x MDO Separator, 1259L per hour, MMPX 403, Alfa Laval(HK) Ltd.
1 x Fresh Water Hydrophore Plant, 500L, CSSC (Nantong), China
1 x Sea Water Hydrophore Plant, 500L, CSSC (Nantong), China
1 x UV Sterilizer, 3cbm/ h, Alfa Laval (HK) Ltd.

Cement System: 2 sets of compressors, 5.6kg/ cm2 (80 psi) working pressure, 13cbm/ min
Total 50 berths Maker of cement system: UNISLIP JAPAN LTD