

M. V. STANFORD GOSHAWK

4000 BHP Multi Purpose Supply Vessel DPS 1, Fi-Fi 1



STANFORD MARINE



PRINCIPAL PARTICULARS

Year Built	: 2011
Class	: ABS+A1 E "Offshore Support Vessel, Fire Fighting Class 1 + AMS Addtl. Notation RW
Flag	: St. Vincent and the Grenadines
IMO No.	: 9589877
Call Sign	: J8B4476
Official No.	: 10949
GRT /NRT	: 1399 / 419

DIMENSIONS

Length Overall	: 57.50m
Breadth Moulded	: 13.80m
Depth Moulded	: 5.50m
Draft	: 4.50m
Freeboard	: 1.0m
Deck Cargo	: 500 MT
Deck Area	: 350 m2
Deck Strength	: 7t/m2
Deadweight	: 1350 MT

SPEED

Max. Speed	: 12 knots
Eco. Speed	: 10 knots

CAPACITIES

Fuel Oil	: 450 m3
Fresh Water	: 196 m3
Water Ballast/Drill Water	: 369 m3
Liquid Mud	: 162 m3
Bulk Cement	: 187 m3 (4 x 1650 cu.ft)
Lub Oil	: 5.3 m3
Dispersant	: 13.5 m3
Foam	: 13.5 m3
Freezer / Cooler	: approx. 15 m3 / approx. 8 m3

DISCHARGE CAPACITIES

Fuel Oil	: 1 x 150 m3 /hr @ 75m head
Fresh Water	: 1 x 100 m3 /hr @ 75m head
Drill Water	: 1 x 100 m3 /hr @ 75m head
Liquid Mud	: 2 x 75 m3 /hr @ 75m head
Bulk Cement	: 2 x 13 m3 /min @80 psi

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

AUXILIARY EQUIPMENT

1 x Sewage Treatment Plant suitable for 50 men, ST4A, 6000L/day
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
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

DECK & AUX. EQUIPMENT

Anchor	: 2 x 1590kg HHP anchors
Chain	: Total length 412.5m x 34mm U2 stud link chains
Anchor Windlass	: 1 x electrohydraulic with 2 cable lifter and 2 warping drums
Winch Rating	: 9mt @ 12m/min for 36mm DIA chains
Capstan	: 2 x 5mt @ 15m/min electrohydraulic Maker of deck machinery: South China Marine Machinery Plant, CSSC, China
Deck Crane	: SORMEC Marine Crane M460/3S
SWL	: 18T@5M Radius, 5T@36.5M Radius

RADIO & NAVIGATION EQUIPMENT

GMDSS: A1, A2, A3	
Kongsberg - DP-1	
1 x Kongsberg Joystick Control	
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 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	
2 x Anemometer	
1 x Auto Telephone system	
1 x TV and Radio system	
1 x VSAT	

FIRE FIGHTING & LSA EQUIPMENT

External FIFI	: 2 x 1500 m3/hr @ 14 bar / 140 mlc / 1800 rpm
Pump	: 2 x 1200 m3 /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	
8 x Fireman outfits	
2 x Fire blankets for engine room and galley	
1 x BA recharging compressor of 75 ltrs/min @ 200 bar	

Life Saving

6 x 25 men Inflatable Liferrafts	
8 x Lifebuoys	
94 x Lifejackets	
2 x MOB-Light Smoke Signal	
4 x Self-Contained Line Throwing Apparatus	
12 x Parachute Distress Signals	
2 x Red Handflare Distress Signals	
3 x First Aid Kit	
1 x FRC 15-man diesel inboard c/w launch recovery davit (Optional)	
8 x Air breathing apparatus	
6 x Immersions Suits	
5 x 1000W floodlights	
2 x 2000W searchlights	
1 x daylight signaling light	
1 x air horn and 1 x electric horn	

ACCOMMODATION

One Man Cabins	: 4 cabins
Two Man Cabins	: 1 cabins
Four Man Cabins	: 11 cabins
1 x Hospital with 1 bed	: Fully Air-Conditioned