

# M.V STANFORD OSPREY

4000 BHP Multi Purpose Supply Vessel DPS 2, FiFi 1



## PRINCIPAL PARTICULARS

Year Built	:	2010
Builder	:	Fujian Mawei Shipbuilding Industry Group, China
Call Sign	:	J8B4373
Official No.	:	10846
Class	:	ABS+A1 E "Offshore Support Vessel, Fire Fighting Class 1 + AMS+ DPS 2, SPS Compliant St. Vincent Grenadines
Flag	:	St. Vincent Grenadines
GRT /NRT	:	1404/420

## DIMENSIONS

Length Overall	:	57.50m
Length WL	:	52m
Breadth Moulded	:	13.80m
Depth Moulded	:	5.50m
Draft	:	4.71m
Freeboard	:	1.0m

## MACHINERY

Main Engines	:	2 x 2000 BHP @ 1600 rpm each, Cummins QSK60-M
Propellers	:	Fixed Pitch 360° Azimuths SRP 1212FP,SCHOTTEL/ GmbH
Bow Thruster	:	2 x 430 KW Tunnel Thruster Schottel STT330LK CP 415V, 50Hz, SCHOTTEL/ GmbH
Generator	:	Generator 3 x 350kw / 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 conditioned cooling plant: 90YH60, 2 sets
Air con for ECR	:	90MA406, 1 set
Air con for wheel house	:	50ss042, 2 sets
Refr provision plant	:	90YK12, 2 sets
Maker	:	Carrier/ Cadar
Engine for FIFI Pump	:	746kW/1800rpm, Cummins 38-M1

## SPEED

Max. Speed	:	12 kts
Type of Fuel	:	Marine Gas Oil < 0.5 Sulphur
Consumption	:	Abt 14mt/24 hrs @ 100% MCR (Approx)

## CAPACITIES

Fuel Oil	:	451 cbm
Fresh Water	:	184 cbm
Water Ballast/Drill Water	:	363 cbm
Liquid Mud	:	165 cbm
Bulk Cement	:	140 cbm (3 x 1650cuft)
Lub Oil	:	5.3 cbm
Dispersant	:	13.5 cbm
Foam	:	13.5 cbm
Deck Cargo	:	400 mt
Deck Area	:	325 sqm
Deck Strength	:	7t/sqm
Deadweight	:	1290 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
Total	:	50 berths
Hospital with 1 bed	:	

## DECK & AUX. EQUIPMENT

Anchor	:	2 x 1260kg HHP anchors
Chain	:	Total length 412.5m x 34mm U2 stud link chains, 15 chuckles each
Anchor Windlass	:	1 x electro hydraulic with 2 cable lifter and 2 warping drums
Winch Rating	:	9mt @ 12m/min for 36mm DIA chains
Capstan	:	2 x 5mt @ 15m/min electro hydraulic Maker of deck machinery, South China Marine Machinery Plant, CSSC, China
Tugger Winch	:	2 x 50KW, SWL 50KW
Deck Crane	:	Sormec Marine Crane M460/35 SWL 25t @ 10m radius / 5t @ 36.5m 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	:	
3 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	:	
4 x Anemometer	:	
1 x Auto Telephone system	:	
1 x TV and Radio system	:	

## FIRE FIGHTING & LSA EQUIPMENT

External FIFI : 2 x 1500 cbm/hr @ 14 bar / 140 mc / 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	:	
11 x fire hydrants and fire extinguishers as Class requirements	:	
6 x fireman outfits	:	
4 x fire blankets for engine room and galley	:	
1 x BA recharging compressor of 75 ltr/min @ 200 bar	:	

## Life Saving

6 x 25 men Inflatable Liferrafts	:	
8 x Lifebuoys	:	
90 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 6 man diesel inboard clw launch recovery davit (Optional)	:	
4 x Air breathing apparatus	:	
3 x immersions Suits	:	
5 x 1000W floodlights	:	
2 x 2000W searchlights	:	
1 x daylight signaling light	:	
1 x ai-rhorn 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) work	:	