



M.V. STANFORD OSPREY

4000 BHP Multi Purpose Supply Vessel / Fi-Fi 1 / DPS-2

Issued: July 2026, Rev0

PRINCIPAL PARTICULARS

Year Built	2010
Builder	Fujian Mawei Shipbuilding Industry Co.
Flag	Saint Vincent and the Grenadines
Class	ABS / A1, Fire Fighting Vessel Class 1, Offshore Support Vessel, ©, AMS, DPS-2, RW
IMO No.	9589853
Call Sign	J8B4373
Official no	10846
GRT/NRT	1393 / 418

DIMENSION

Length Overall	57.50 m
Length WL	55.10 m
Breadth Moulded	13.80 m
Depth Moulded	5.50 m
Draft	4.7 m
Lightship	1401.75 MT
Deadweight	1148.59 MT
Displacement	2550.3 MT
Deck Cargo	400MT
Clear Deck Area	350 m2
Deck Strength	7T/m2

AUXILIARY EQUIPMENT

Sewage Treatment Plant	1 x ST4A (50 men / 6000L/day)
Air Compressor	2 x 9cbm/ h @ 10bar
Oily Bilge Water Separator	1 x 10 m ³ /hr 15ppm

MACHINERY

Main Engines	2 x 1492 kW @1600 RPM (4000 BHP) Cummins QSK60-M
Propulsion	Fixed Pitch 360 Azimuths, SRP 1212FP, Schottel
Diesel Generators	3 x 350 kW @1500 RPM Cummins KTA19-DM1 415V/3ph/ 50Hz 1 x 650 kW Mitsubishi S12A2-MPTAW-5 Diesel Driven 415V/3ph/ 50Hz
Emergency Generator	1 x 70 kW diesel driven Cummins 6BT 5.9 415V/3ph/ 50Hz
Bow Thruster	1 x 430 kw Tunnel Thruster Schottel STT330LK 1 x 550kW Tunnel Thruster Type KT88B3
Engine for FIFI pump	1 x 746 kW @ 1800 RPM Cummins KTA38-M1

DYNAMIC POSITIONING SYSTEM

DP Class	DP-2
DP Control System	Kongsberg Maritime K-Pos DP21 with Kongsberg cJoy Independent Joystick System *Sensors: 3 x Gyro 2 x MRU 3 x Wind Sensors *Position Reference System: 2 x DGPS 1 x Fanbeam 1 x Cyscan

DECK EQUIPMENT

Anchor	2 x 1590kg HHP anchors
Chain	2 x 412.5m x 34mm U2 stud linkchains
Anchor Windlass	9 MT @ 12m/min for 36mm dia chains
Deck Crane	18T @ 12M Radius/ 5T @ 36.5 M Radius

SPEED

Max. Speed	12.00 knots
Eco Speed	10.00 knots

Specifications are provided in good faith, subject to change, and without liability for errors or omissions.

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4000 BHP Multi-Purpose Supply Vessel / Fi-Fi-1 / PDS-2



CAPACITIES

Fuel Oil	446 m ³
Fresh Water	184 m ³
Drill Water	374 m ³
Liquid Mud	165 m ³
Bulk cement	140 m ³
Lube oil	5.3 m ³
Detergent	13.5 m ³
Foam	13.5 m ³
Freezer / Chiller	6 m ³ / 6 m ³

PUMPS

Fuel Oil	1 x 150 m ³ /hr @ 75m head
Fresh water	1 x 100 m ³ /hr @ 75m head
Drill Water	1 x 100 m ³ /hr @ 75m head
Liquid Mud	2 x 75 m ³ /hr @ 40 m head
Bulk cement	2 x 13 m ³ /hr @ 80 psi

ACCOMMODATION (Fully Air-Conditioned)

One-Man Cabin	4
Two-Men Cabin	1
Four-Men Cabin	11
Total	50 berths
Hospital	1 no. with 2 bed

LIFE-SAVING APPLIANCES

Rescue Boat	1 x 6-man Diesel Inbound c/w launch Single Davit arm (Optional)
Life Rafts	6 x 25-men / 2 x 10-men
Life Jackets	75 nos.
Life Buoys	8 nos.
Searchlight	2 x 2000watts
SCBA	6 nos.
EEBD	10 nos. for all crew
Daylight Signaling Light	1 no.
Medical Oxygen Resuscitator	5 nos.

NAVIGATION & COMMUNICATION EQUIPMENT

GMDSS: Area A1, A2, A3	
VHF Radio	2 x Furuno FM-8800/8800S
MF/HF Radio	1 x Furuno FS-2570C
Inmarsat-C	2 x Furuno FELCOM 15
NAVTEX	1 x Furuno NX-700A
EGC Receiver	1 x Furuno FELCOM 1
GPS	1 x FURUNO - GP-150 2 x FURUNO - GP-39
EPIRB	1 x McMurdo E8
SART	2 x McMurdo S4
Portable VHF Radios	3 x McMurdo R2
Radar	2 x KELVIN HUGHES X BAND - MDD-A30-22 1 x Furuno FAR-2117 X-Band with ARPA
AIS	1 x Furuno FA-150
Magnetic Compass	1 x C. Plath A-4054
Gyro Compass	1 x NSR-FOG NGC-5050
Echo Sounder	1 x Furuno FE-700
Speed Log	1 x Furuno DS-800
Autopilot	1 x Anschütz PilotStar D
BNWAS	1 x BNWAS 150
LRIT	1 x Furuno FELCOM 15
SSAS	1 x Furuno FELCOM 15
PA/ talkback system	1 x Phontech SPA1501
Anemometer	3 x Kongsberg OMC139

FIRE FIGHTING EQUIPMENT

FiFi Class	Classed 1
External FiFi	2 x 1500 m ³ /hr@14bar/140 mic /1800 RPM
Fire Pump	2 x 1200 m ³ /hr@12 BAR(with remote control) throw length 120m / throw height 45m
Monitors	1 Monitor fitted with double barrel for foam discharge
Water Spray	Around Hull & Deckhouse / Engine Room
Emergency Fire Pump	1 x 25 m ³ /hr @40m head
Fire Blanket	4 nos.

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