



M. V. STANFORD BUZZARD

10192 BHP MULTI-PURPOSE SUPPLY VESSEL / DP-2 / FiFi-1

Issued: July 2026, Rev0

PRINCIPAL PARTICULARS

Year Built	2011
Builder	Fujian Mawei Shipbuilding Ltd.
Flag	St. Vincent and the Grenadines
Class	ABS / ✕A1, Fire Fighting Vessel Class 1, Offshore Support Vessel, ©, ✕AMS, ✕DPS-2, BWT, IHM, OSR-C1, RW, SUSTAIN-1, UWILD
IMO No.	9533634
Call Sign	J8B4512
Official No	10985
GRT / NRT	3601 / 1429

DIMENSION

Length Overall	87.07 m
Length BP	83.0 m
Breadth Moulded	18.80 m
Depth Moulded	7.40 m
Draft	6.05 m
Lightship	2603.5 MT
Deadweight	5116 MT
Displacement	7680 MT
Deck Cargo	2200 MT
Clear Deck Area	1000 m ²
Deck Strength	5.0 T/m ²

SPEED

Max Speed	12.00 Knots
Service Speed	10.00 Knots

MACHINERY

Main Engine	4 x 1900 kW (2548 HP) @ 1800 RPM Cummins QSK60-D(M) (Diesel Electric) 480V/60Hz/3PH
Propulsion	2 x 2000 kW Rolls Royce 255-P30 FP Azimuth (Z-Drive) Thruster
Bow Thrusters	1 x 910kW 1220 BHP Rolls Royce 1 x 800kW 1072 BHP Retractable Thruster
Azimuth Thruster	2 x 2000 KW Rolls Royce 255P30
Emergency Generator	1 x 350 kW @ 1800 RPM Cummins 6CTA8.3-D(M) / 481kVA

DYNAMIC POSITIONING SYSTEM

DP Class	DP-2
DP Control System	KONGSBERG K-Pos DP-22 with Kongsberg cJoy Independent Joystick *Sensors: 3 x Wind Sensors 3 x Gyro Compass 2 x MRUs *Position Reference System: 2 x DGPS / 1 x CyScan / 1 x Radius
KPOS-22	2 x Independent Joystick Seachest valve for future HiPAP Installation Follow target Mode (R.O.V) 1 x Portable Joystick on two different stations (P/S)

DECK EQUIPMENT

Anchors	2 x 2475 kg HHP Anchor (P/S)
Chain	8 Shackles each
Anchor Windlass	10 MT Electric driven
Tugger Winch	2 x 10 MT @ 30/15/7.5 m/min 1 st layer Electric driven
Capstan	2 x 7.5 T @ 5/10/20 m/min Electric driven
Provision Crane	1 x 2 MT @ 10 m – Straight Arm

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

Stanford Marine LLC : 16th Floor, Single Business Tower, Sheikh Zayed Road | P.O. BOX 32456, Dubai, UAE | +971 4 3808001 | +971 4 3808015

Stanford Marine Asia Pte Ltd: 3 International Business Park, #03-18 Nordic European Centre | +65 65066100 | +65 65066101

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CAPACITIES

Fuel Oil	942.42 m ³
Potable Water	167.84 m ³
Fresh Water	502.25 m ³
Ballast / Drill Water	1832.23 m ³
Liquid Mud	1980.25 m ³
Liquid Mud / Methanol	429.40 m ³
Dry Bulk	400.70 m ³
Freezer / Chiller	12 m ³ / 12 m ³

PUMPS

Fuel Oil	1 x DESMI Electric driven 150/20 m ³ /hr @ 90/28 m head
Fresh Water	1 x DESMI Electric driven 150/80 m ³ /hr @ 90/20 m head
Ballast / Drill Water	1 x DESMI Electric driven 150/80 m ³ /hr @ 90/20 m head
Liquid Mud	4 x P.G Pumps Electric driven 150/75 m ³ /hr @ 58/26 m head
Mud Cleaning System	BUTTERWORTH for 8 off liquid mud tanks
Dry Bulk	2 x INGERSOLL-RAND Electric driven / 60 m ³ /hr @ 5.6 bar
Bilge Pump	1 x DESMI Electric driven 65 m ³ /hr @ 20.5 bar
Brine	1 x 75m ³ /hr centrifugal pump electric driven

ACCOMMODATION (Fully Air-Conditioned)

One-Man Cabin	16
Two-Men Cabin	10
Four-Men Cabin	4
Total beds	52
Hospital	1 bed

AUXILIARY EQUIPMENT

Ballast Water Management System	BWTS Type: DESMI – Compant Clean Optomo 190 NEX LCD Compact Clean – Sequential with 35 - 2500 m ³ /hr capacity
Sewage Treatment Plant	60 POB / 4.48 m ³ /day
Oily Bilge Water Separator	1 x 1 m ³ /hr c/w 15ppm alarm

OTHER TANKS

Sludge Tanks	10.85 m ³
Bilge Tanks	27.21 m ³
Lube Tanks	1.9 m ³
Grey Oil Tanks	27.21 m ³
Dirty Oil Tanks	10.85 m ³

NAVIGATION & COMMUNICATION EQUIPMENT

GMDSS: A1, A2, A3	
Radar	1 x FURUNO FAR-2117 X-Band 1 x FURUNO FAR-2137 S-Band
Echo Sounder	1 x FURUNO FE-700
Magnetic Compass	1 x Cassens & Plath Type 11
Autopilot	1 x SIMRAD
Gyrocompass	1 x SIMRAD 1 x SPERRY
DGPS/GPS	1 x NSR-3000
MF/HF Radio	1 x FURUNO FS-2575 MF/HF Transceiver with DSC
Inmarsat-C	1 x FURUNO FELCOM-15
VHF Radio	2 x FURUNO FM-8800S
Portable VHF	6 x Standard Horizon HX 400 (IS)
NAVTEX	1 x FURUNO NX-700A
EGC Receiver	1 x FURUNO FELCOM-15
AIS	1 x FURUNO FA-150
EPIRB	1 x McMurdo E8 Smartfind
SART	1 x ACR Pathfinder 1 x Jotron SART 20
Nav Receiver	1 x FURUNO IB-583 HF NBDP
Loudhailer / PA	1 x HANSHIN HPA-9700
Satellite Phone	1 x unit – VSAT Grandstream

LIFE-SAVING APPLIANCES

Rescue Boat	1 x 6 persons Davit Launched Rescue boat
Life rafts	8 x 25 Persons SMLR-A25, SOLAS Approved
Lifejackets	60 nos. as per SOLAR requirement
Lifebuoy	10 nos. SOLAS Lifebuoys
EEBD	14nos. x 15 minutes

FIRE FIGHTING SYSTEM

FiFi Class	Classed 1
Fire Pumps	2 x 1600 m ³ /hr @ 138 m head, FFS
Fire Monitors	2 x 1200 m ³ /hr @ 45/120 m head SEAPLUS
Emergency Fire Pump	1 x 45 m ³ /hr
Fireman Outfits	6 nos.
Fire Blankets	2 nos. (Engine and Galley)

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