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M.V. STANFORD CARACARA

4000 BHP MULTI-PURPOSE SUPPLY VESSEL / FiFi-1 / DPS-1 (OPTION)

PRINCIPAL PARTICULARS

Year Built	2011
Builder	Fujian Mawei Shipbuilding Industry Co.
Flag	Saint Vincent and the Grenadines
Class	ABS / A1, Fire Fighting Vessel Class 1, Offshore Support Vessel, @, AMS, RW
IMO No.	9589865
Call Sign	J8B4475
Official no	10948
GRT/NRT	1393 / 418

DIMENSION

Length Overall	57.50 m
Length BP	52.0 m
Breadth Moulded	13.80 m
Depth Moulded	5.50 m
Draft	4.7 m
Lightship	1399.95 MT
Deadweight	1050 MT
Displacement	2509.23 MT
Deck Cargo	500 MT
Clear Deck Area	365 m2
Deck Strength	7T/m2

SPEED

Max. Speed	12.00 knots
Eco Speed	10.00 knots

MACHINERY

Main Engines	2 x 1,492 kW @1600 RPM (4000 BHP) Cummins QSK60-M
Propulsion	Fixed Pitch 360 Azimuths, SRP 1212FP, Schottel
Aux. Generators	3 x 350 kW @1500 RPM Cummins KTA19-DM1 415 /3ph/ 50Hz
Emergency Generator	1 x 70 kW diesel driven Cummins 6BT 5.9 DP-1, 415V/3ph/ 50Hz
Bow Thruster	1 x 500 kW Schottel STT 330LK CP Tunnel Thruster / 415 /3ph/ 50Hz
Steering Gear / Rudder	Azimuth 360

DYNAMIC POSITIONING SYSTEM (OPTION)

DP Class	DP-1
DP Control System	KONGSBERG K-Pos OS-1 with Kongsberg cJoy Independent Joystick *Sensors: 2 x Gyro Compass 1 x MRU 2 x Wind Sensors *Position Reference System: 2 x DGPS

DECK EQUIPMENT

Anchor	2 x 1590kg HHP anchors
Chain	2 x 412.5m x 34mm U2 stud link chains
Anchor Windlass	1 x electrohydraulic with 2 cable lifter and 2x warping drums 9 MT @ 12m/min for 36mm dia chains
Capstan	2 x 5MT @ 15m/min electrohydraulic
Deck Crane	18T @ 12M Radius/ 5T @ 36.5 M Radius

AUXILIARY EQUIPMENT

Sewage Treatment Plant	1 x ST4A (80 men / 6000L/day)
Oily Bilge Water Separator	1 x 1 m³/hr 15ppm

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

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M.V. STANFORD CARACARA

4000 BHP Multi-Purpose Supply Vessel / Fi-Fi-1 / DPS-1 (OPTION)



CAPACITIES

Fuel Oil	442 m ³
Fresh Water	203 m ³
Drill Water	375 m ³
Liquid Mud	165 m ³
Bulk cement	187 m ³
Detergent	13.5 m ³
Foam	13.5 m ³
Freezer / Chiller	15 m ³ / 8 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 @ 75 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

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
Fire Monitors	1 Monitor fitted with double barrel for foam discharge
Emergency Fire Pump	25 m ³ /hr - 0.39 Mpa total head
Water Spray	Around Hull & Deckhouse / Engine Room
Fireman's Outfit	6 Nos.
Fire Blanket	4 Nos.

NAVIGATION & COMMUNICATION EQUIPMENT

GMDSS: Area A1, A2, A3	
VHF Radio	2 x Furuno FM-8800S 2 x Motorola GM360
MF/HF Radio	1 x Furuno FS-2570C
Inmarsat-C	2 x Furuno FELCOM 15
NAVTEX	1 x Furuno NX-700
EGC Receiver	1 x Furuno FELCOM 15
GPS	2 x Furuno GP-150 2 x GNSS Navigator NGR-3000
EPIRB	1 x NSR NEB-2000C
SART	2 x McMurdo S4
Portable VHF Radios	3 x McMurdo R2 4 x Entel DX544-15
Radar	1 x Furuno FAR-2117 X-Band with ARPA 1 x Furuno RF-1510 X-Band
AIS	1 x Furuno FA-150
Magnetic Compass	1 x C. Plath A-4054
Gyro Compass	1 x Raytheon Anschutz STD-22 1 x Navigat x MK-1 digital
Echo Sounder	1 x Furuno FE-700
Speed Log	1 x Furuno DS-830
Autopilot	1 x Anschutz 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	1 x ObserMet OMC139 1 x Young Wind Tracker 06206

LIFE-SAVING APPLIANCES

Fast Rescue Boat	1 x 15-men person FRC Diesel inboard c/w launched recovery davit
Life Rafts	6 x 25-men (Inflatable)
Life Buoys	6 nos.
Life Jackets	128 nos.
SCBA	6 nos.
EEBD	10 nos. for all crew
Medical Oxygen Resuscitator	5 nos.

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