

M.V. STANFORD KITE

4000 BHP Multi-Purpose Supply Vessel (FiFi 1)



PRINCIPAL PARTICULARS:

Year Built	: 2010
Flag	: St. Vincent and the Grenadines
Class	: ABS +A1 Offshore Support Vessel
	Fire Fighting Class 1,E, +AMS
	Addtl Notation: RW
IMO No.	: 9590151
Call Sign	: J8B4316
Official no	: 10789
GRT/NRT	: 1393 / 418

DIMENSION:

Length Overall	: 57.50m
Length WL	: 55.10m
Breadth Moulded	: 13.80m
Depth Moulded	: 5.50m
Draft	: 4.627m
Free Board	: 0.873m

SPEED:

Max. Speed	: 12 knots
Eco Speed	: 10 knots

CAPACITIES:

Fuel oil	: 442 m3
Fresh Water	: 203 m3
Drill Water	: 375 m3
Liquid Mud	: 165 m3
Bulk cement	: 187 (4 x 1650 cuft)
Lube oil	: 5.3 m3
Dispersant	: 13.5 m3
Foam	: 13.5 m3
Deck Cargo	: 250 MT
Deck Area	: 350 m2
Deck strength	: 7T/m2
Deadweight	: 1292 MT
Freezer	: approx. 15 m3
Cooler	: approx. 8 m3

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 @ 75 m head
Bulk cement	: 62 x 13 cbm/hr @ 80 psi

ACCOMMODATION:

One Man cabins	: 4 cabins
Two man Cabins	: 1 cabins
Four Man Cabins	: 11 cabins
Total	: 50 berths
1 x Hospital with 2 Bed, fully air conditioned	

MACHINERY:

Main Engines	: 2 x 2000 BHP @ 1600 rpm, Cummins QSK60-M
Propellers	: Fixed Pitch 360 Azimuths, SRP 1212FP, SCHOTTEL/Gmbh
Bow Thruster	: 1 x 430 kw Tunnel Thruster Schottel STT330LK
Generator	: Generator 3 x 350kw/415 /3ph / 50Hz Diesel driven, Cummins KTA 19
Emergency Generator	: 1 x 70 kw/ 3 ph / 415V/50Hz diesel driven Cummins 6BT 5.9 DP-1
Engine for FIFI pump	: 746kW/1800rpm,Cummins 38 M1

DECK & AUX EQUIPMENT:

Anchor	: 2 x 1590kg HHP anchors
Tugger Winch	: 10MT @15m/min Hydraulic
Chain	: 412.5m x 34mm U2 stud link chains
Anchor Windlass	: 1 x electro hydraulic with 2 cable lifter and 2 warping drums
Winch Rating	: 9 MT @ 12m/min for 36mm dia chains
Capstan	: 2 x 5MT @ 15m/min electro hydraulic
Deck Crane	: Sormec Marine Crane M460/3S SWL 18T @ 12M Radius/ 5T @ 36.5 M Radius

RADIO AND NAVIGATION EQUIPMENT:

GMDSS (A1,A2,A3)	2x VHF-DSC Radio Telephone
2 x Inmarsat C with EGC	1 x EPIRB
1 x MF/HF- DSC Radio Telephone	3 x VHF Portable radios
2 x SART	2 x VHF Transceiver NonDXC
1 x Navtex Receiver	2 x 96m X-band Radar
1 x A.I.S	1 x Magnetic Compass
1 x Kongsberg Joystick Control	1 x Autopilot
1 x SSB Radio	1 x Doppler Speed Log
2 x GPS	1 X PA/ talkback system
1 x Gyrocompass	1 x Anemometer
1 x Weather Fax receiver	1 x Echo Sounder
1 X Self Powered Telephone	1 X Auto Telephone System
1 x Chart Plotter (optional)	

FIRE FIGHTING AND LSA EQUIPMENT:

EXTERNAL FIFI	: 2 X 1500 cbm/hr@14bar/140 mic /1800 RPM
Pump	: 2 X1200 cbm/hr@12 BAR(with remote control) throw length 120m / throw height 45m
Monitors	: 1 Monitor fitted with double barrel for foam discharge
1 x Water Spray Curtain around the Hull & Deckhouse	
Engine room water Spray System	
Deck Compressor, Pressure 50 psi	
1 x BA recharging compressor of 75lbs/min @ 200 bar (optional)	

LIFE SAVINGS

6 x 25 men inflatable Life rafts	
1 x FRC 15-Person Diesel operated w/ Electrohydraulic davit	
2 x MOB-Light Smoke Signal	
5 x 1000W Floodlights	
1x 2000W Searchlights	
10 X EEBD	
1 x daylight Signaling light	
5 x Medical Oxygen Resuscitator	
1 x Dory FRC 12 Persons w/ deck crane launch/recovery(optional)	

AUXILIARY EQUIPMENT:

1 x Sewage Treatment Plant suitable for 50 men , ST4A,6000L/day Water Maker (Optional)*	
1 x Air Compressor 9cbm/h @ 10 bar, Atlas Copco LE15-10, Belgium	
1 x Oily Bilge Water Separator , Capacity 1cbm/hr	
1 x Fresh Water Hydrophore Plant, 5000L CSSC(Nantong), China	
Cement System	: 2 sets of compressors, 5.6kg/cm2 (80psi) working pressure, 13cbm/ min