

M.V. STANFORD CONDOR

4000 BHP Multi-Purpose Supply Vessel (Fi-Fi-1)



STANFORD MARINE



PRINCIPAL PARTICULARS:

Year Built	: 2010 / China
Flag	: SVG
Class	: ABS, +A1 Fi Fi Class1 "Offshore Support Vessel, E, +AMS, Addtl. RW
IMO No	: 9589841
Call Sign	: J8B4375
Official No.	: 10848
GRT/NRT	: 1393 / 418

DIMENSION:

Length Overall	: 57.50m
Length WL	: 55.10m
Breadth Moulded	: 13.80m
Depth Moulded	: 5.50m
Draft	: 4.346m
Free Board	: 1.154m

SPEED:

Service Speed	: 10 kts
Max. Speed	: 12 kts

CAPACITIES:

Fuel oil	: 458 m3
Fresh Water	: 196 m3
Drill Water	: 369 m3
Liquid Mud	: 162 m3
Bulk cement	: 187 m3 (4 x 1650 cuft each)
Lube oil	: 5.3 m3
Dispersant	: 13.5 m3
Foam	: 13.5 m3
Deck Cargo	: 500 MT
Deck Area	: 376 m2
Deck strength	: 7T/m2
Deadweight	: 924.51 MT
Freezer	: 15 m3
Cooler	: 8 m3

DISCHARGE CAPACITIES:

Fuel Oil	: 1 x 150 m3/hr @ 75m head
Fresh water	: 1 x 100 m3/hr @ 75m head
Drill Water	: 1 x 100 m3/hr @ 75m head
Liquid Mud	: 2 x 75 m3/hr @ 75 m head
Bulk cement	: 62 x 13 m3/hr @ 80 psi

ACCOMMODATION:

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

PROPULSION SYSTEM:

Main Engines	: 2 x 2000 BHP @ 1600 rpm, Cummins QSK60-M
Propellers	: Fixed Pitch 360 Azimuths, SRP 1212FP, SCHOTEL/Gmbh
Bow Thruster	: 1 x 430kw 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 EQUIPMENT:

Anchor	: 2 x 1250kg HHP anchors
Chain	: Total length 2 x 412.5m x 34mm U2 stud link
Chains	
Windlass	: 1 x electrohydraulic 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 25T @ 12M Radius/5T@36.5 M Radius 25T

RADIO AND NAVIGATION EQUIPMENT:

GMDSS (A1,A2,A3)	: 2 x 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	: 1 X VSAT
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
1 x GPS Plotter	: 1 X PA/ talkback system
1 x Gyrocompass	: 2 x Anemometer
1 x Weather Fax receiver	: 1 x Echo Sounder
1 X Self Powered Telephone	: 1 X Auto Telephone System
1 x Kongsberg K-Pos DPS1	

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
Water Spray Curtain around the Hull & Deckhouse	
Engine room water Spray System	
1 x BA recharging compressor of 75lts/min @ 200 bar (optional)	

LIFE SAVINGS :

6 x 25 men inflatable Life rafts	
2 x MOB-Light Smoke Signal	
1 X Rigid Inflatable Rescue Boat for 6 persons (with outboard motor)	
5 x 1000W Floodlights	
2 x 2000W Searchlights	
10 X EEBD	
1 x daylight Signaling light	
4 X Medical Oxygen Resuscitator	

AUXILIARY EQUIPMENT:

ST Plant	: suitable for 50 men , ST4A,6000L/day
Water Maker (Optional)*	: 1 x 5T/day reverse osmosis, Aquamar Electric
Air Compressor	: 9cbm/h @ 10 bar, Atlas Copco LE15-10
Oily Bilge Water Separator	: Capacity 1cbm/hr
FW Hydrophore Plant	: 5000L CSSC(Nantong), China
Cement System	: 2 sets of compressors, 5.6kg/cm2 (80psi) working pressure, 13m3/ min