

STANFORD CONDOR

4000 BHP Multi-Purpose Supply Vessel (DP1, FiFi 1)



PRINCIPAL PARTICULARS:

Year Built	: 2011
Call Sign	: J8B4375
Official no	: 10848
Class	: ABS+A1 E "Offshore Support vessel, Fire Fighting Class1+AMS+DPS 1
Flag	: SVG
GRT/NRT	: 1393/413

DIMENSION:

Length Overall	: 57.50m
Length WL	: 55.10m
Breadth Moulded	: 13.80m
Depth Moulded	: 5.50m
Draft	: 4.24m
Free Board	: 0.766m

SPEED:

Max. Speed	: 12.0 kts
Consumption	: 14 mt 24 hrs @ 100 % MCR 10 mt 24 hrs @ 85 % MCR

CAPACITIES:

Fuel oil	: 450 cbm
Fresh Water	: 196 cbm
Drill Water	: 369 cbm
Liquid Mud	: 162 cbm
Bulk cement	: 187 cbm(4 x 1650 cuft each)
Lube oil	: 5.3 cbm
Dispersant	: 13.5 cbm
Foam	: 13.5 cbm
Deck Cargo	: 500 mt
Deck Area	: 350 sqm
Deck strength	: 7t/sqm
Deadweight	: 924.51 mt
Freezer	: abt 15 cbm
Cooler	: abt 8 cbm

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
Two man Cabins	: 1
Four Man Cabins	: 11
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, 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 & AUX EQUIPMENT:

Anchor	: 2 x 1590kg HHP anchors
Chain	: Total length 412.5m x 34mm U2 stud link Chains
Windlass and 2 warping drums	: 1 x electro hydraulic with 2 cable lifter
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 (Area 3)	: 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 VHF/FM Radio Telephone
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
2 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 VSAT	
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
1 x Water Spray Curtain around the Hull & Deckhouse	
Engine room water Spray System	
1 x BA recharging compressor of 75ts/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	
6 X Medical Oxygen Resuscitator	

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