

# M.V. STANFORD HUDHUD

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



STANFORD MARINE



### MACHINERY:

Main Engines	:	2 x 2000 BHP (1492 kW) @ 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 1260 kg HHP anchors
Chain	:	Total length 825m 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 electrohydraulic
Deck Crane	:	Sormec Marine Crane M460/3S SWL 25T @ 10M Radius/ 5.9T @ 32 M Radius

### PRINCIPAL PARTICULARS:

Year Built	:	2011
Flag	:	SVG
Class	:	ABS+A1 E "Offshore Support vessel, Fire Fighting Class1+AMS+DPS 1
IMO No.	:	9589889
Call Sign	:	J8B444
Official no	:	10950
GRT/NRT	:	1399 / 419

### DIMENSION:

Length Overall	:	57.50m
Length WL	:	55.10m
Breadth Moulded	:	13.80m
Depth Moulded	:	5.50m
Draft	:	4.7m
Free Board	:	0.8m
Deck Cargo	:	500 MT
Deck Area	:	376 m2
Deck strength	:	7T/m2
Deadweight	:	1292 MT

### SPEED:

Max. Speed	:	12 knots
Eco Speed	:	10 knots

### CAPACITIES:

Fuel oil	:	458 m3
Fresh Water	:	196 m3
Drill Water	:	369 m3
Liquid Mud	:	162 m3
Bulk cement	:	187 ( 4 x 1650 cuft)
Lube oil	:	5.3 m3
Dispersant	:	13.5 m3
Foam	:	13.5 m3
Freezer	:	Approx 15 m3
Cooler	:	Approx 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	:	2 x 63 m3 /hr @ 80 psi

### ACCOMMODATION:

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

### 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 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
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

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

### LIFE SAVINGS :

6 x 25 men inflatable Life rafts 2 x MOB-Light Smoke Signal	
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1 x FRC 10-man diesel inboard launch recovery davit (Optional)	
1 X Rigid Inflatable Rescue Boat for 6 persons (with outboard motor)	
5 x 1000W Floodlights	
2 x 2000W Searchlights	
3 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		
1 x 5T/day reverse osmosis Fresh Water Maker, Aquamar Electric		
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