



### PRINCIPAL PARTICULARS:

Year Built	: 2010
Call Sign	: HPCO
Official No.	: 39332
Class	: ABS+AA1 (E) Offshore Support Vessel, Fire Fighting Class 1 + AMS + dps 2
Flag	: Panama
GRT/NRT	: 2369/710

### DIMENSION:

Length Overall	: 70.00m
Length between	: 61.60m
Breadth Moulded	: 16.80m
Depth Moulded	: 07.50m
Draft	: 06.30m
Freeboard	: 01.2m

### SPEED:

Max Speed	: 13.0 kts
Consumption	: Abt 17mt/24 hrs @ 100% MCR Abt 13mt/24 hrs @ 80% MCR

### CAPACITIES:

Fuel oil	: 1243 cbm
Fresh Water	: 400 cbm
Drill Water	: 588 cbm
Liquid Mud	: 460 cbm
Bulk Cement	: 192 cbm
Brine ballast	: 155 cbm
Lube Oil	: 70 cbm
Dispersant	: 20 cbm
Foam	: 20 cbm
Deck Cargo	: 700 cbm
Deck Area	: 600 cbm
Deck Strength:	: 5t/sqm
Deadweight	: 2995@ 6.3m draught
Freezer	: 15 m3
Cooler	: 12m3
Brine	: 210 cbm

### DISCHARGE CAPACITIES:

Fuel Oil	: 1 x 200 cbm/hr @ 90m head
Fresh Water	: 1 x 150 cbm/hr @ 90m Head
Drill Water	: 1 x 200 cbm/hr @ 90m head
Liquid Mud	: 2 x 75 cbm/hr @ 90m head
Bulk Cement	: 2 x 30 cbm/hr @ 80 psi

### ACCOMMODATION:

One Man Cabins	: 4 cabins
Two man Cabins	: 5 cabins
Four Man Cabins	: 3 cabins
Total	: 26 berths
1 X Hospital with 1 bed, fully air conditioned	

### MACHINERY:

Main Engines	: 2 x 2500 BHP (1838Kw) Niigat 61-28HX
Propellers	: 2 x Fixed Pitch Well Mounted 3b Azimuths Niigata
Bow Thruster	: 2 x CPP Tunnel Thruster, Approx, 71 Thrust each 1 x 575 Kw/1x 610 Kw- Brunvoll
Generator	: 3 x 800 Kw/1x 280kW/415V/3 ph/50 Hz Deisel Cummins KTA 38-D (M1) & KTA 19-D (M1)
Emergency Generator	: 1 x 86W/415V/50Hz Diesel driven Cummins 6BTS. 9-D(M)

### DECK & AUX. EQUIPMENT:

Anchor	: 2 x 1850kgs Stockless Bower or 1980 Kgs HHP
Chain	: Total length 935m x 46mm U2 stud link chains
Anchor Windlass	: 1 x electro hydraulic with 2 cable lifter & 2 warping heads
Winch Rating	: 13 mt @ 18m/min for 46mm dia chains
Capstan	: 2 x 10 mt @ 25m/min electro hydraulic
Tugger Winch	: 1 x 10 T electro Hydraulic
Deck Crane	: Load S.W.L : 2.2 T/Boom Length: 12.2m

### RADIO AND NAVIGATION EQUIPMENT:

GMDSS (Area 3)	: 1 x MF/HF-DSC Radio Telephone
1 x Inmarsat C with EGG	: 1 x SSB Radio
2 x VHF – DSC Radio Telephone	: 1 x Navtex receiver
1 x EPIRB	: 1 x GPS Plotter
3 x VHF Portable Radios	: 3 x Gyro Compass
1 X magnetic Compass	: 1 x Weather Fax receiver
1 x Autopilot	: 1 x Echo Sounder
1 x Doppler Speed Log	: 1 x Anemometer
1 x PA / Talkback system	: 1 x Chronometer
1 x Auto Telephone system	: 1 x Joystick Control
1 x Aneroid Barometer	: Reference Systems DGPS- Fanbeam
1 x Inclinator	: 1 x 96nm X-band Radar (ARPA )
DP System Kongsberg K- Pos MW-618	: 1x 96nm S-band Radar
Option for HiPAP	: 1 x TV and Radio system

### FIRE FIGHTING AND LSA EQUIPMENT:

EXTERNAL FIFI	: 2 x 1500 cbm/hr@14bar/140 MIC/1800 RPM
Pump	: 2 x1200 cbm/hr@12bar(with remote control) throw height 45m from sea level
Monitors	: One Monitor fitted with double barrel for foam discharge
1 x Water Spray Curtain round	
Engine room water Spray System	
1 x BA recharging compressor of 75lts/min @ 200 bar 2750 @ 6.3m draught	

### LIFE SAVINGS

Men inflatable Life rafts 2 x 6 + 4 x 20	
1 x Diesel Rescue boat for 6 persons	
1 x FRC for 15 men, inboard Jet Propulsion & single point davit	
2 x 1000W Floodlights 3 x 2000W Searchlights	
1 x daylight Signaling light	

### AUXILIARY EQUIPMENT:

1 x Sewage Treatment Plant suitable for 40 men	
1 x 5T/day Fresh Water maker	
2 x Air Compressor	
1 x Oily Bilge Water Separator	
Capacity 1.0 cbm/hr with oil content less than ppm	

