

## 2013 / 83m LOA / DP2 PSV

## GENERAL SPECIFICATION

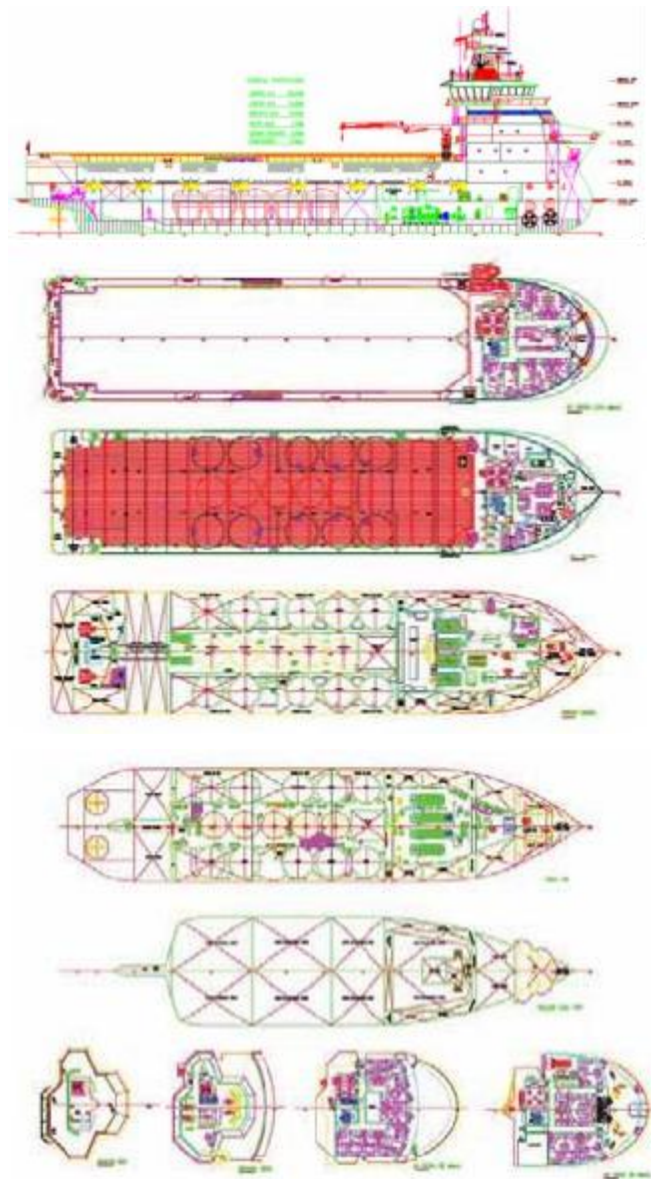
The PSV type is famous IMT 982, Diesel Electric, DP2. The vessel shall be outfitted with machinery and provided with equipment in accordance with the latest rules and regulations of CCS, for worldwide service supporting fixed and floating Offshore Installations, except is those areas with specific geographical requirements which demand additional requirements or specific additional class notations.

The vessel is designed to be capable of performing field support duties offering logistics capability comprising under deck liquid cargoes and deck cargo capabilities.

Year Built : 2013

### Main particulars:

Length overall:	83.22m
Length between P.P.:	74.95m
Breadth Moulded:	18.00m
Depth Moulded:	7.20m
Built Date:	2013 Year
Light Operating Draft Mld	5.00m
Max. Load Draft Mld:	5.95m
Deadweight at Light Operating Draft	approx. 2440Mt
Deadweight at Max. Load Draft	approx. 4013Mt
Frame Spacing:	600 mm
Cargo Deck Area (Open area):	1086m <sup>2</sup>
Cargo Deck Weight:	1850 T
Deck Load:	5mT/m <sup>2</sup>
Gross Tonnage:	approx. 3288GT
Net Tonnage:	approx. 1213NT



### Loading Capacity :

Ships Oil Fuel	422 m <sup>3</sup>
Ships Potable Water	157 m <sup>3</sup>
Cargo Oil Fuel	943 m <sup>3</sup>
Cargo Fresh Water	616 m <sup>3</sup>
Liquid Mud/Brine (10 cylindrical tanks)	1014 m <sup>3</sup>
Drilling Mud Additive (Base Oil)	169m <sup>3</sup>
Dry Bulk	278 m <sup>3</sup>
Ballast / drill water Tank	1355 m <sup>3</sup>

## Mechinery System :

Main Diesel Generator Set: 4 of Cummins QSK60-DM 4X 1 899 [ekw] ;1800[rpm] ; 690v; 60HZ	
Emergency/Harbour Gen Set : 1 Cummins KTA19-DM 1 320 [ekw];1800[rpm] ; 440v; 60HZ	
Fixed Pitch	Azimuth Propeller : 2 off BERG BAT 625 FP 2X1900 [kw] ; Thrust 182[KN]
Bow tunnel thruster: 2 off BERG BFTT 419 2X800[kw] ; Thrust 121.1[KN]	

## Discharge Rate

Fuel	15 m <sup>3</sup> /hr
BW/Drill Water	200 m <sup>3</sup> /hr,90mwc
Base oil	75 m <sup>3</sup> /hr
Mud	76.4 m <sup>3</sup> /hr
FW	200 m <sup>3</sup> /hr,90mwc
Cargo Oil	200 m <sup>3</sup> /hr
Brine water	75 m <sup>3</sup> /hr

## Life Saving Apparatus

Liferafts	6*16man
Rescue boat	1

## Crane & Winch

Dack Crane	Electro-hydraulic rotating crane, 2.0 tonnes @ 15m & 3.0 tonnes @ 10m
Tugger winch	2*10tx15m/min@first layer
Capstan	2*8 tonnes at 0-15 m/min.

## Classification:

Class:	CCS
Class Notation: ★ CSA Offshore Supply Ship; Fire Fighting Ship 1 Water Spraying; Max. Cargo Density In Mud and Brine tanks(2.5t/m3); Strengthened for Deck Cargoes; In-Water Survey ★ CSM AUT-0;DP-2	
Flag:	TBD
Accommodation:	27 persons
Max Speed :	14.1 kts consum. 23.4T/day
Economical Speed:	11 kts

## External Firefighting FIFI1

Capacity	2*1600m3/h
Monitor	2 *1200 m3/h
Throw *Height	120m/45m

## Main Navigation & Communication Equipment

Radar	FAR-2817,FAR-2837S
GPS	GP-150,Accuracy ±5m
Navtex	FAX-408
Auto pilot	NAVIPILOT 4000
ECDIS	2*ECDIS FEA-2807
VHF Radio	IC-M304
Satcom (voice and Fax )	KU-band V-SAT ,4004UA,CellFax plus
GMDSS Compliance	Sea Area A1+A2+A3
EPIRB	406 MHz