



## 83 m / DP2 Platform Supply Vessel

This PSV type is an [OSD-IMT 982 Design](#) with proven track record that boasts a maritime legacy of more than 100 years. The vessel is Diesel Electric, DP-2 Class and shall be outfitted with OEM 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 in those areas with specific geographical requirements which demand additional regulations or specific additional class notations.

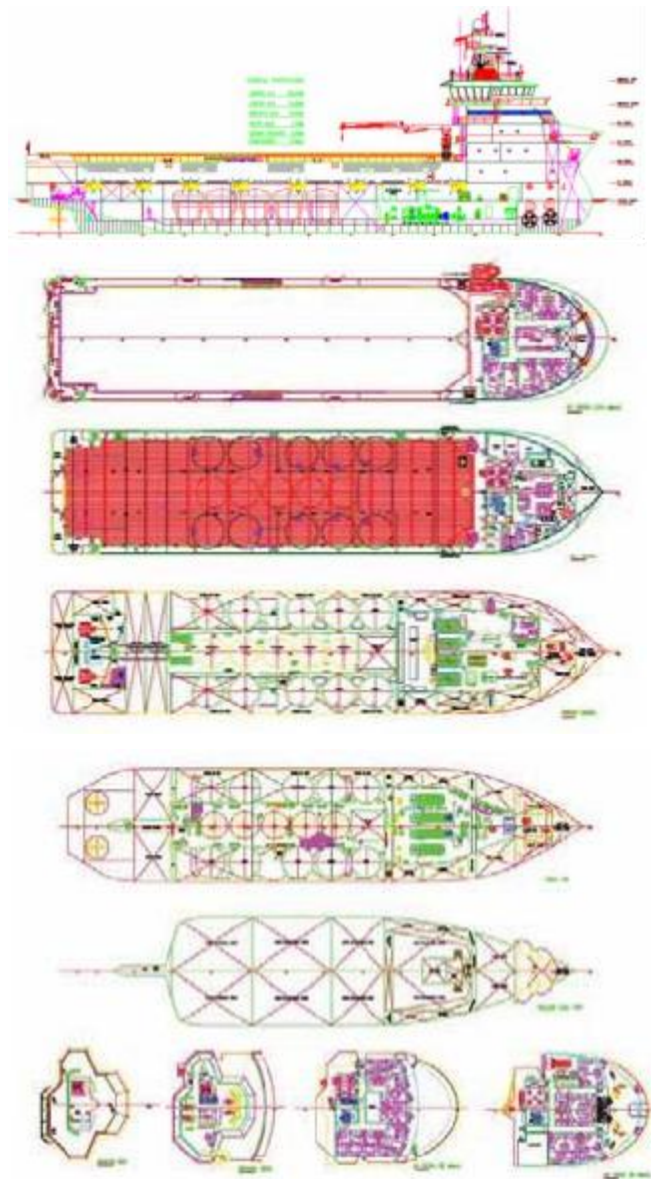
The vessel is designed to be capable of performing field support duties offering reliable and safe logistics capabilities comprising under deck liquid cargoes and main deck cargo capacities.

Year Built : [2020](#)

### Main particulars:

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

## GENERAL SPECIFICATIONS



### 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)	169 m <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 Propellers :
2 off BERG BAT 625 FP 2 x 1900 [kw] ; Thrust 182[KN]
Bow tunnel thruster :
2 off BERG BFTT 419 2 x 800[kw] ; Thrust 121.1[KN]

## Discharge Rate :

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

## Life Saving Apparatus :

Liferafts	6 x 16-man
Rescue boat	1

## Crane & Winch :

Dack Crane	Electro-hydraulic rotating crane, 2.0 tonnes @ 15m & 3.0 tonnes @ 10m
Tugger winch	2* 10t x 15m/ 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. 23.4 T/day
Economical Speed :	11 kts

## External Firefighting : [FIFI-1](#)

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

## 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, Cell/ Fax plus
GMDSS Compliance	Sea Areas: A1+A2+A3
EPIRB	406 MHz