

# PX121 PSV 83M DP2- VOS PASSION (3264)



## GENERAL

Flag	Gibraltar
Port of registry	Gibraltar
Place of Built	COSCO Guangzhou Shipyard, China
Year Built	2016
Class	LR * 100 A1 Offshore Supply Ship, Fire-fighting 1, 2400m <sup>3</sup> /h with waterspray HNLS IWS ECO (TOC) LMC UMS DPA (AA)
IMO	9709130
Call Sign	ZDPX7
MMSI	236697000
ERN Number	99.99.94.86

## PRINCIPAL DIMENSIONS

Length Overall	83.40 m
Breadth Moulded	18.00 m
Length B.P.P.	79.55 m
Design Draft	6.00 m
Max. Draft	6.70 m
Deadweight (Design Draft)	3,300 t
Deadweight (Max. Draft)	4,200 t
Nett Tonnage	1,295 t
Gross Tonnage	3,638 t

## MACHINERY & PROPULSION

Propulsion System	Diesel Electric
Stern Thrusters	2 x 1,600 kW Schottel propellers
Engines	2 x Diesel Engines 1,630 kW 2 x Diesel Engines 990 kW
Output	4,920 kW
Bow Thrusters	2 x 880 kW
Propulsion System	Diesel Electric, 2 x Azimuth Thrusters
Total propulsion	2 x 1,600 kW
Emergency generator	130 kW

## PERFORMANCES (Design Draft)

Fuel Consumption at 13 Knots	15.5 MT/day
Fuel Consumption at 10 Knots	7 MT/day
DP Mode	4 MT/day
In Port	1 MT/day
Fuel Type	ISO 8217: 2005 DMA or later revisions

## CARGO CAPABILITIES

Fresh water	577 m <sup>3</sup> dedicated
Heeling Tanks	391.7m <sup>3</sup>
Drill water	1440 m <sup>3</sup>
Fuel Capacity (100%)	1464 m <sup>3</sup> (370 dedicated)
Liquid Mud / Brine	1293 m <sup>3</sup>
Dry Bulk	260 m <sup>3</sup>
Methanol	150 m <sup>3</sup>
Base oil	257 m <sup>3</sup>
Clear Deck Area	850 m <sup>2</sup>
Deck Loading	10 t/m <sup>2</sup> aft of #35 5 t/m <sup>2</sup> forward of #35

## COMMUNICATIONS EQUIPMENT

MF/ HF Radio	JRC JSS-2150
VHF Radio	JRC JHS-770S
Portable VHF Radio	3 x Entel HT8982
Satellite EPIRB	McMurdo Model E5
Inmarsat	1 Inmarsat-C SSAS, 1 Inmarsat-C LIRT
Navtex Receiver	JRC NCR-333
SART	2 x McMurdo S4
Automatic Identification System (AIS)	AIS JHS-183
Fleet Broad Band	1 x JRC JUE-251
Weather Facsimile	1 x JRC JAX-9B

## NAVIGATION EQUIPMENT

Radar No. 1	1 x X-Band Radar : JRC JMA -9122-9XA
Radar No. 2	1 x S-Band Radar : JMCJMA -9132-SA
Radar Transponder Unit (9G)	2 x Mc Murdo S4
DGPS	1 x JRC JAN-901B-FOR
Eco Sounder	1 x JRC JFE-680
Auto Pilot	1 x YOKOGAWA PT500A-P-Analog
Gyro Compass	1 x YOKOGAWA CMZ900d +1 x 900S
Magnetic Compass	1 x YOKOGAWA SR-165
Joystick Control	Integrated Joystick Control
ECDIS	1 x JRC Navi-Sailor 4000 ECDIS MFD
VDR	1 x JRC JCY-1800

## DECK MACHINERY

Tuggers	2 x 10 t @ 35m/min
Capstans	2 x 10 t @ 30m/min
Deck Crane	3 t SWL @ 18 m

## LIFE SAVING APPARATUS

Life rafts	2 x 20 man and 1 x 6 man on each side
Rescue Boat	1 x 6 men MOB boat

## EXTERNAL FIRE FIGHTING

Capacity	ABS Fifi Class - 1 3820 m <sup>3</sup> per hr
Monitor	2 x 1200 m <sup>3</sup> per hr
Throw	> 120 m

## ACCOMMODATION

Total pax + crew	26 persons
Crew compliment	14 single cabins 14 persons
Charterer personnel	12 passengers
Compliance	6 double cabins MLC 2006
Crew comfort	2 x anti-rolling tanks

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