



VOS PATRIOT

Platform-supply vessel

PX121 83M DP2

Vessel number 3266

GENERAL

Flag	Dutch
Port of registry	Breskens
Builder	Cosco Guangzhou Shipyard, China
Year built	2018
Class	LR X 100 A1 Offshore Supply Ship, Fire-fighting 2,400 m ³ /h with waterspray HNLS
IMO	9742091
Call sign	PDDK
MMSI	244170080
ERN number	99.99.94.86

PRINCIPAL DIMENSIONS

Length overall (LOA)	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/Gross tonnage	1,295 t / 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	1,035 m ³ (705 m ³ dedicated)
Heeling tanks	391.7 m ³
Drill water / W.B.	1,674 m ³
Fuel capacity (100%)	1,464 m ³ (370 m ³ dedicated)
Liquid mud / brine	1,293 m ³
Dry bulk	260 m ³
Methanol	150m ³ to be commissioned
Base oil	257 m ³
Clear deck area	850 m ²
Deck loading	10 t/m ² aft of #35 5 t/m ² 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 EQUIPMENT

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

EXTERNAL FIRE FIGHTING

Capacity	ABS FiFi class 1 - 3,820 m ³ per hr
Monitor	2 x 1,200 m ³ per hr
Throw	> 120 m

ACCOMMODATION

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

19/09/2022

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