



**GENERAL**

Flag	Dutch
Port of registry	Breskens
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	9709128
Call Sign	PDBU
MSI	244860549
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)	3300 t
Deadweight (Max. Draft)	4200 t
Gross Tonnage	approx. 3650 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 ekW

**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	1035 m3 (705 m3 dedicated)
Heeling Tanks	391.7m <sup>3</sup>
Drill water / W.B.	1674 m <sup>3</sup>
Fuel Capacity (100%)	1464 m3 (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	LR 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 6 double cabins
Compliance	MLC 2006
Crew comfort	2 x anti-rolling tank

This technical specification sheet is subject to change without notice. Whilst every effort has been made to ensure that accuracy of the information represented within this document, no guarantees of accuracy can be given. For enquiries, kindly email us at [chartering@nl.vroonoffshore.com](mailto:chartering@nl.vroonoffshore.com).