



GENERAL	
Place of Build	Fujian Southeast Shipyard, China
Vessel Type	PSV
Year Built	2016
Flag	Gibraltar
Call Sign	ZDPJ5
Class	LR A1 Offshore Supply Ship, Fire-Fighting Ship 1 (2400m <sup>3</sup> /h) with Water Spray, HNLS, Oil Recovery, IWS, WDL (t/m <sup>2</sup> from Aft to Frame 71), ECO(TOC), LMC, UMS, DP(AA) SPS 2008 - comply

PRINCIPAL DIMENSIONS	
Length Overall	80.00 metres
Breadth Moulded	18.40 metres
Max Draft	6.35 metres
Deadweight	3830 tonnes
Gross Tonnage	3548 tonnes
Net Tonnage	1196 tonnes

MACHINERY & PROPULSION	
Main Engine	2 x MAK 2400 KW
Propulsion System	Twin CPP rudder propellers/azimuth thrusters
Total BHP	6500BHP
Bow Thruster	2 x 12 tons (800KW), electric driven
Main Generators	3 x 500KW diesel driven
Shaft Generator	2 x 1230KW main engine driven
Emergency Generator	1 x 95KW diesel driven

PERFORMANCES	
Fuel Consumption at 9.5kts	Approximately 13m <sup>3</sup> per day
Fuel Consumption at 7.5kts	Approximately 10.9m <sup>3</sup> per day
Fuel Consumption on DP	Approximately 5m <sup>3</sup> to 7m <sup>3</sup> per day
Average Fuel Consumption per day – general field duties	Approximately 7m <sup>3</sup> per day
Fuel Type	ISO 8217: 2005 DMA or later revisions

CARGO CAPABILITIES	
Fresh Water	730 m <sup>3</sup> - 150m <sup>3</sup> /hr @ 80m head
Drill Water	1721 m <sup>3</sup> - 100m <sup>3</sup> /hr @ 80m head
Fuel Capacity (100%)	860 m <sup>3</sup> - 150m <sup>3</sup> /hr @ 80m head
Liquid Mud / Brine / ORO	816 m <sup>3</sup> - 2 x 75m <sup>3</sup> /hr @ 80m head
Dry Bulk	222 m <sup>3</sup> (4 x 2000 ft <sup>3</sup> ) - 40m <sup>3</sup> /hr
Methanol	175 m <sup>3</sup> - 50m <sup>3</sup> /hr @ 9bar
Foam	27 m <sup>3</sup>
Detergent	27 m <sup>3</sup>
Clear Deck Area	750 m <sup>2</sup>
Deck Cargo	1500 tonnes
Deck Loading	7 tonnes/m <sup>2</sup>
Fresh Water Maker	2 x 10 tonnes per day

COMMUNICATIONS EQUIPMENT	
HF radio	Furuno Model RC-1800T
VHF Radio	Furuno FM-8800S
Portable VHF Radio	3 x McMurdo Model R2 GMDSS
Satellite EPIRB	McMurdo Model SMARTFIND E5
Inmarsat	Inmarsat-C with EGC
Navtex Receiver	Furuno NX-700A (GMDSS)
SART	2 x McMurdo S4 Rescue SART
Automatic Identification System (AIS)	Furuno FA-150

NAVIGATION EQUIPMENT	
Radar No. 1	Furuno FAR-2117-D, X-Band
Radar No. 2	Furuno FAR-2137S-D, S-Band
GPS	2 x Furuno, GP-150
Echo Sounder	Furuno , FE-700
Auto Pilot	Anschutz PilotStar D
Gyro Compass	3 x Anschutz Gyro
Magnetic Compass	Anschutz Magnetic Standard 22
Dynamic Positioning	Kongsberg DPS-2 K-Pos DP-21
Joystick Control	Kongsberg cJoy system

DECK MACHINERY	
Tuggers	2 x 10 tonnes @ 24m/min
Capstans	2 x 10 tonnes @ 25m/min
Deck Crane	3 tonnes SWL @ 10m

LIFE SAVING APPARATUS	
Liferafts	6 x 25 men and 2 x 15 men life rafts
Rescue Boat	1 x 6 men rescue boat with 25HP OBM

EXTERNAL FIRE FIGHTING	
Capacity	ABS Fifi Class 1 - 3000 m <sup>3</sup> per hr
Monitor	2 x 1200 m <sup>3</sup> per hr
Throw x Height	120 m x 45 m

ACCOMMODATION	
Crew	14
Passengers	38
Total	52
Hospital	1

This technical specification sheet is subject to change without notice. Whilst every effort has been made to ensure the accuracy of the information presented, no guarantees of accuracy can be given. All fuel consumption figures provided without guarantee and subject to actual conditions. For enquires, kindly email us at [chartering@sg.vroonoffshore.com](mailto:chartering@sg.vroonoffshore.com).