

# VOS CHALLENGE (3081)



GENERAL		COMMUNICATIONS EQUIPMENT	
Place of Build	Fujian Southeast Shipyard, China	HF radio	Furuno Model RC-1800T
Vessel Type	AHTS	VHF Radio	Furuno FM-8800S
Year Built	2016	Portable VHF Radio	3 x McMurdo Model R2 GMDSS
Flag	Singapore	Satellite EPIRB	McMurdo Model SMARTFIND E5
Call Sign	9V3689	Navtex Receiver	Furuno NX-700A (GMDSS)
Class	LR + 100A1 Offshore Supply Ship, Fire-Fighting Ship 1 (240m <sup>3</sup> /h) with Water Spray, HNLS, Oil Recovery, *IWS, WDL(7/m <sup>2</sup> from Aft to Frame 71), ECO(TOC), LMC, UMS, DP(AA)	SART	2 x McMurdo S4 Rescue SART
		Automatic Identification System (AIS)	Furuno FA-150
		Remote Fuel Monitoring System (RFMS)	Krohne flowmeters + eGenKit system
PRINCIPAL DIMENSIONS		NAVIGATION EQUIPMENT	
Length Overall	65.00 metres	Radar No. 1	1 set of X-Band Radar
Breadth Moulded	16.40 metres	Radar No. 2	1 set of S-Band Radar
Design Draft	5.40 metres	GPS	1 set of GPS plotter
Deadweight	1781 tonnes	Echo Sounder	1 set of Navigational Echo-Sounder
Gross Tonnage	2387 tonnes	Electronic Chart Display System	1 set of ECDIS
		Auto Pilot	1 set of Auto Pilot System
		Gyro Compass	3 sets of Gyro Compass
		Magnetic Compass	1 set of Magnetic Compass
		Dynamic Positioning	Kongsberg DPS-2
		DP Position References	DGPS1, DGPS2, Laser (Cyscan MK4)
MACHINERY & PROPULSION		DECK MACHINERY	
Main Engine	2 x MAK 8M25C 2400 KW	Tuggers	2 x 10 tonnes @ 15m/min
Propulsion System	Controllable pitch propellers (Kort Nozzles)	Capstans	2 x 5 tonnes @ 15m/min
Total BHP	6500BHP	Deck Crane	3 tonnes SWL @ 10m
Bow Thruster	2 x 10 tons (550KW), electric driven		
Stern Thruster	1 x 8 tons (550KW), electric driven		
Generators	3 x 450KW diesel driven		
Shaft Generator	2 x 1200KW main engine driven		
Emergency Generator	1 x 130KW diesel driven		
PERFORMANCES		TOWING & ANCHOR HANDLING	
Fuel Consumption at 9.5kts	Approximately 12m <sup>3</sup> per day	Bollard Pull	88 tonnes
Fuel Consumption at 7.5kts	Approximately 8.3m <sup>3</sup> per day	Anchor Handling Drum Capacity	1500m x 64mm wire rope
Fuel Consumption while towing at 4.5kts	Approximately 17m <sup>3</sup> per day	Towing Drum Capacity	1500m x 64mm wire rope
Fuel Consumption on DP	Approximately 5m <sup>3</sup> to 7m <sup>3</sup> per day	Line Pull for AH/Towing Winch	150 tonnes
Average Fuel Consumption per day – general field duties (historical data)	Approximately 7m <sup>3</sup> per day	Brake Holding for AH/Towing Winch	250 tonnes
Fuel Type	ISO 8217: 2005 DMA or later revisions	Clutch Type	Manual / Removable
		Spare Tow Wire Capacity	1500m x 64mm wire rope
		Stern Roller	5.0 m x 1.6 m , 300 tonnes
		Tow Pins	2 x towing pins of 300 tonnes SWL
		Wire/Chain Stopper	1 set of Karmfork of 300 tonnes SWL
CARGO CAPABILITIES		LIFE SAVING APPARATUS	
Fresh Water	414 m <sup>3</sup> @ 100m <sup>3</sup> /h at 70m head	Liferafts	2 x 16--men and 4 x 25 men life rafts
Drill Water	1200 m <sup>3</sup> @ 100m <sup>3</sup> /hr at 70m head	Rescue Boat	1 x 6 men rescue boat with 30HP OBM
Fuel Capacity (100%)	557 m <sup>3</sup> @ 100m <sup>3</sup> /hr at 70m head		
Liquid Mud / Brine / ORO	395 m <sup>3</sup> @ 75m <sup>3</sup> /hr at 50m head		
Dry Bulk	4 x 1650 ft <sup>3</sup> (186m <sup>3</sup> ) @ 40M <sup>3</sup> /hr at 60m head		
Foam	12 m <sup>3</sup>		
Detergent	12 m <sup>3</sup>		
Deck Loading	7 tonnes/m <sup>2</sup>		
Clear Deck Area	425 m <sup>2</sup>		
Deck Cargo Capacity	700 tonnes		
ACCOMMODATION		EXTERNAL FIRE FIGHTING	
Cabins	11 x 1 men cabins, 14 x 2 men cabins	Capacity	ABS Fifi 1 - 2400 m <sup>3</sup> per hr
Total	39 men	Monitor	2 x 1200 m <sup>3</sup> per hr
Hospital	1 men	Throw x Height	120 m x 45 m

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).