

VOS CHALLENGE (3081)



GENERAL	
Place of Build	Fujian Southeast Shipyard, China
Vessel Type	AHTS
Year Built	2016
Flag	Singapore
Call Sign	9V3689
Class	LR + 100A1 Offshore Supply Ship, Fire-Fighting Ship 1 (2400m ³ /h) with Water Spray, H.N.L.S. Oil Recovery, *IWS, WDL(71m ² from Aft to Frame 71), ECO(TOC), LMC, UMS, DP(AA)

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
Navtex Receiver	Furuno NX-700A (GMDSS)
SART	2 x McMurdo S4 Rescue SART
Automatic Identification System (AIS)	Furuno FA-150

PRINCIPAL DIMENSIONS	
Length Overall	65.00 metres
Breadth Moulded	16.40 metres
Design Draft	5.40 metres
Deadweight	1781 tonnes
Gross Tonnage	2387 tonnes

NAVIGATION EQUIPMENT	
Radar No. 1	1 set of X-Band Radar
Radar No. 2	1 set of S-Band Radar
GPS	1 set of GPS plotter
Echo Sounder	1 set of Navigational Echo-Sounder
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

MACHINERY & PROPULSION	
Main Engine	2 x MAK 8M25C 2400 KW
Propulsion System	Controllable pitch propellers (Kort Nozzles)
Total BHP	6500BHP
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

DECK MACHINERY	
Tuggers	2 x 10 tonnes @ 15m/min
Capstans	2 x 5 tonnes @ 15m/min
Deck Crane	3 tonnes SWL @ 10m

PERFORMANCES	
Fuel Consumption at 9.5kts	Approximately 12m ³ per day
Fuel Consumption at 7.5kts	Approximately 8.3m ³ per day
Fuel Consumption while towing at 4.5kts	Approximately 17m ³ per day
Fuel Consumption on DP	Approximately 5m ³ to 7m ³ per day
Average Fuel Consumption per day – general field duties (historical data)	Approximately 7m ³ per day
Fuel Type	ISO 8217: 2005 DMA or later revisions

TOWING & ANCHOR HANDLING	
Bollard Pull	88 tonnes
Anchor Handling Drum Capacity	1500m x 64mm wire rope
Towing Drum Capacity	1500m x 64mm wire rope
Line Pull for AH/Towing Winch	150 tonnes
Brake Holding for AH/Towing Winch	250 tonnes
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	
Fresh Water	414 m ³ @ 100m ³ /hr at 70m head
Drill Water	1200 m ³ @ 100m ³ /hr at 70m head
Fuel Capacity (100%)	557 m ³ @ 100m ³ /hr at 70m head
Liquid Mud / Brine / ORO	395 m ³ @ 75m ³ /hr at 50m head
Dry Bulk	4 x 1650 ft ³ (186m ³) @ 40M ³ /hr at 60m head
Foam	12 m ³
Detergent	12 m ³
Deck Loading	7 tonnes/m ²
Clear Deck Area	425 m ²
Deck Cargo Capacity	700 tonnes

LIFE SAVING APPARATUS	
Liferafts	2 x 16--men and 4 x 25 men life rafts
Rescue Boat	1 x 6 men rescue boat with 30HP OBM

ACCOMMODATION	
Cabins	11 x 1 men cabins, 14 x 2 men cabins
Total	39 men
Hospital	1 men

EXTERNAL FIRE FIGHTING	
Capacity	ABS Fifi 1 - 2400 m ³ per hr
Monitor	2 x 1200 m ³ per hr
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.