

**GENERAL**

Place of Build	Fujian Southeast Shipyard, China
Vessel Type	PSV
Year Built	2015
Flag	Malaysia
Call Sign	9WCE7
Class	ABS + A1 (E) OFFSHORE SUPPORT VESSEL (FFV1, OSR-C2) + AMS + DPS-2, ACCU, UWILD, ENVIRO, GREENPASSPORT SPS 2008 - comply

PRINCIPAL DIMENSIONS

Length Overall	80.00 metres
Breadth Moulded	18.40 metres
Max Draft	6.35 metres
Deadweight	3750 tonnes
Gross Tonnage	2950 tonnes
Net Tonnage	885 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 @ 14 kn	Approximately 16.8 mt/day
Fuel Consumption @ 11 kn	Approximately 7.1 mt/day
Fuel Consumption at Standby	Approximately 1.0 mt/day
Fuel Type	ISO 8217: 2005 DMA or later revisions

CARGO CAPABILITIES

Fresh Water	550 m3 - 150m3/hr @ 80m head
Drill Water	1500 m3 - 100m3/hr @ 80m head
Fuel Capacity (100%)	850 m3 - 150m3/hr @ 80m head
Liquid Mud / Brine / ORO	750 m3 - 2 x 75m3/hr @ 80m head
Dry Bulk	226 m3 (4 x 2000 ft3) - 20m3/min
Methanol	190 m3 - 50m3/hr @ 9bar
Foam	14 m3
Detergent	14 m3
Clear Deck Area	750 m2
Deck Cargo	1500 tonnes
Deck Loading	5.5 tonnes/m2
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 m3 per hr
Monitor	2 x 1200 m3 per hr
Throw x Height	120 m x 45 m

ACCOMMODATION

Crew	16
Passengers	36
Total	52
Hospital	1

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