



## GENERAL

Place of Build	Fujian Southeast Shipyard, China
Vessel Type	AHTS
Year Built	2014
Flag	Singapore
Call Sign	TBA
Class	ABS + A1 (E) OFFSHORE SUPPORT VESSEL (SUPPLY, TOW, AH, FFV1, OSR-C2) + AMS + DPS-2, ACCU, UWILD, ENVIRO

## 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-700B (GMDSS)
SART	2 x McMurdo S4 Rescue SART
Automatic Identification System (AIS)	Furuno FA-150

## PRINCIPAL DIMENSIONS

Length Overall	65.00 metres
Breadth Moulded	16.00 metres
Design Draft	5.00 metres
Deadweight	1800 tonnes
Gross Tonnage	2281 tonnes
Net Tonnage	684 tonnes

## MACHINERY & PROPULSION

Main Engine	2 x Niigata 2427KW @ 750 rpm
Propulsion System	Controllable pitch propellers
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 1000KW main engine driven
Emergency Generator	1 x 95KW diesel driven

## PERFORMANCES

Fuel Consumption at Max Speed	Approximately 17.0 mt/day
Fuel Consumption at Service Speed	Approximately 11.5 mt/day
Fuel Consumption at Towing	Approximately 14.0 mt/day
Fuel Consumption at Standby	Approximately 1.0 mt/day
Fuel Type	ISO 8217: 2005 DMA or later revisions

## CARGO CAPABILITIES

Fresh Water	440 m3 @ 100m3/h at 70m head
Drill Water	700 m3 @ 100m3/h at 70m head
Fuel Capacity (100%)	580 m3 @ 150m3/h at 70m head
Liquid Mud / Brine / ORO	460 m3 @ 100m3/h at 70m head
Dry Bulk	150 m3 @ 40m3/h at 60m head
Clear Deck Area	435 m2
Deck Loading	7 tonnes/m2

## ACCOMMODATION

Cabins	8 x 1 berth, 3 x 2 berths, 9 x 4 berths
Total	50 men
Hospital	1 men

## 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 x Furuno FE-700
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

## DECK MACHINERY

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

## TOWING & ANCHOR HANDLING

Bollard Pull	87.3 tonnes
Anchor Handling Drum Capacity	1200m x 60mm wire rope
Towing Drum Capacity	1200m x 60mm 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	1200m x 60mm wire rope
Stern Roller	4.4 m x 1.7 m, 250 tonnes
Tow Pins	2 x towing pins of 250 tonnes SWL
Wire/Chain Stopper	1 set of Sharkjaws of 250 tonnes SWL

## LIFE SAVING APPARATUS

Liferafts	6 x 25 men life rafts
Rescue Boat	1 x 6 men rescue boat with 25HP OBM

## EXTERNAL FIRE FIGHTING

Capacity	ABS Fifi 1 - 2400 m3 per hr
Monitor	2 x 1200 m3 per hr
Throw x Height	120 m x 45 m

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