



**GENERAL**

Place of Build	Fujian South East Shipyard, China
Vessel Type	AHTS
Year Built	2011
Flag	Singapore
Call Sign	9V8665
Class	ABS FIFI 1 DPS 1

**COMMUNICATIONS EQUIPMENT**

HF radio	FURUNO RC-1500-1T 400W
VHF Radio	2 x FURUNO
Portable VHF Radio's	3 x FURUNO
Satellite Communications (Voice and Fax)	Furuno SAT C
E.P.I.R.B	McMurdo 406
GMDSS Compliance	Area A3

**PRINCIPAL DIMENSIONS**

Length Overall	59.25 metres
Beam	14.95 metres
Maximum Draft	4.95 metres
Net Registered Tonnage	503
Gross Registered Tonnage	1678

**NAVIGATION EQUIPMENT**

Radar No. 1	Furuno x-band (21" screen)
Radar No. 2	Furuno x-band (15" screen)
GPS	GP 150
Echo Sounder	Furuno FE 702
Navtex	NX 700
Auto Pilot	Naupilot NP 60
Gyro Compass	Anchutz STD 22
DP System	Kongsberg

**MACHINERY & PROPULSION**

Main Propulsion Number	2
Main Propulsion Type	CAT 3516B Diesel
Total BHP	5150
Propellers	2 x CPP in Fixed Kort Nozzles
Bow Thruster	1 X Kawasaki KT-72B3 - 515KW 8 TONS
Stern Thruster	1 x Kawasaki KT-55B3 - 390KW 6 TONS
Main Generators	2 x CAT C18 350KW
Shaft Generators	2 x 800KW
Emergency Generators	1 x CAT 65KW
Rudders	Standard

**DECK MACHINERY**

Tugger Winch	2 x 10 tons @ 15m/min
Capstan	2 x 5 tons @ 15m/min
Deck Crane	1 x 3 tonnes @ 9 m

**PERFORMANCES**

Fuel Consumption at Max Speed	18 m3 per day @ 13 knots
Fuel Consumption at Service Speed	10 m3 per day @ 10 knots
Towing	20 m3 per day
Standby	1 m3 per day
Fuel Type	ISO 8217: 2005 DMA or later revisions

**TOWING & ANCHOR HANDLING**

Bollard Pull	66 tons
Winch	Plimssoll Waterfall Type
Line Pull	150 tons
Brake Capacity	200 tons
Anchor Handling Wire and Towing Wire	100m and 1000m x 56mm
Anchor Handling Wire Capacity	150 m x 56 mm
Tow Drum Capacity	1000 m x 56 mm
Spare Tow Wire Capacity	1000 m x 56 mm
Stern Roller	4.0 m x 1.6 m - SWL 200 tonnes
Tow Pins	2 x Closed Top Type SWL 200T
Shark Jaws	Shark Jaws - SWL 200T

**CARGO CAPABILITIES**

Fresh Water	360 m3 @ 100m3 per hr at 75m head
Drill Water	400 m3 @ 100m3 per hr at 75m head
Fuel Capacity (100%)	535 m3 @ 150m3 per hr at 75m head
Liquid Mud	378 m3 @ 70m3 per hr
Dry Bulk	4 X 1650 cu ft each, total 6,600 cu ft
Dead Weight	1360 tons
Clear Deck Area	340 Square Metres
Deck Cargo	500 tons

**LIFE SAVING APPARATUS**

Liferafts	Total 6, capacity 150 men
Rescue Boat	25 HP OBM, capacity 6 men

**EXTERNAL FIRE FIGHTING**

Capacity	FIFI 1 - 2400 cu m per hr
Monitor	2 x 1200 cu m per hr
Throw x Height	120 m x 50 m

**ACCOMMODATION**

Crew	12
Passengers	28
	(1 x 2 berth) & (7 x 4 berth)
	<b>Total 40</b>

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