

**GENERAL**

Place of Build	Fujian South East Shipyard, China
Vessel Type	AHTS
Year Built	2011
Flag	Singapore
Call Sign	9V8666
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)	V-SAT
E.P.I.R.B	McMurdo 406
GMDSS Compliance	Area A3

PRINCIPLE 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	Nautopilot 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	67.6 tons
Winch	Plimsoll 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	100 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	25m x 12.5m = 350 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 - 2 x 1200 cu m per hr
Monitor	2
Throw x Height	120 m x 50 m

ACCOMMODATION

Crew	12
Passengers	28
	(1 x 2 berth) & (7 x 4 berth)
	Total 40

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