



GENERAL	
Place of Build	Fujian South East Shipyard, China
Vessel Type	AHTS
Year Built	2012
Flag	Singapore
Call Sign	9V9436
Class	ABS FIFI 1 DPS 1

COMMUNICATIONS EQUIPMENT	
HF radio	Furuno RC-1800T
VHF Radio	2 x Furuno FM-8800S
Portable VHF Radio's	3 x McMurdo R2 Handheld
Satellite Communications (Voice and Fax)	Furuno SAT C
E.P.I.R.B	McMurdo SMARTFIND E5
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	X-Band Furuno FAR-2117
Radar No. 2	X-Band Furuno FR-1510 MARK-3
GPS	GP 150
Echo Sounder	Furuno FE 700
Navtex	NX 700
Auto Pilot	Nautopilot NP 60
Gyro Compass	Anchutz STD 22
DP System	Marine Tech

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-55B3-390KW-6T thrust
Main Generators	3 x 350 KW diesel driven
Emergency Generators	1 x 65kW diesel
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	approx 18 m3 per day @ 13 knots
Fuel Consumption at Service Speed	approx 10 m3 per day @ 10 knots
Towing	approx 20 m3 per day
Standby	approx 1 m3 per day
Fuel Type	ISO 8217: 2005 DMA or later revisions

TOWING & ANCHOR HANDLING	
Bollard Pull	69.9 tons
Winch	Mentrade Waterfall Type
Line Pull	150 tons
Brake Capacity	200 tons
Anchor Handling Wire and Towing Wire	100m and 1000m - 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	4.4 m x 1.6 m - SWL 200 tonnes
Tow Pins	2 x Closed Top Type - 200T SWL
Shark Jaws	1 set of Karmfork - 200T SWL

CARGO CAPABILITIES	
Fresh Water	300 m3 @ 100m3 per hr at 75m head
Drill Water	400 m3 @ 100m3 per hr at 75m head
Fuel Capacity (100%)	540 m3 @ 150m3 per hr at 75m head
Liquid Mud	385 m3 @ 70m3 per hr
Dry Bulk	4 X 1650 cu ft each, total 6,600 cu ft
Dead Weight	1400 tons
Clear Deck Area	340 Square Metres
Deck Cargo	500 tons
Deck Loading	7.5 tonnes/sqm

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

ACCOMMODATION	
Crew	12
Passengers	28
	(4 x 1-berth, 3 x 2-berth, 8 x 4-berth)
	<b>Total 40</b>

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

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