



GENERAL	
Place of Build	Fujian South East Shipyard, China
Vessel Type	AHTS
Year Built	2009
Flag	Singapore
Call Sign	9V7932
Class	ABS

COMMUNICATIONS EQUIPMENT	
HF radio	Furuno
VHF Radio	2 x fixed
Portable VHF Radio's	6 handhelds
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 MU201 CR
Radar No. 2	Furuno Mark 3
GPS	Furuno GP150
Echo Sounder	Furuno FE 702
Navtex	Furuno NX 700
Auto Pilot	Anschutz Nautopilot NP 60
Gyro Compass	Anchutz STD 22

MACHINERY & PROPULSION	
Main Propulsion Number	2
Main Propulsion Type	CAT 3516B Diesel
Total BHP	5150
Propellers	2 x CPP in fixed nozzles
Bow Thruster	1 x electric motor, CPP
Lateral Thrust	6 tons
Auxiliary Generators	3 x 320 KW diesel driven
Emergency Generators	1 x 52 KW CAT
Rudders	Standard

DECK MACHINERY	
Tugger Winch	2 x 10 tons
Capstan	2 x 5 tons
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	12 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	65.55 tons
Winch	Plimsoll Waterfall Type
Line Pull	200 tons
Brake Capacity	150 tons
Anchor Handling Wire	100m x 56mm
Towing Wire	1000m x 56mm
Tow Drum Capacity	1000 m x 56 mm
Spare Tow Wire Capacity	1000 m x 56 mm
Stern Roller	4.5 m x 1.6 m - SWL 180 tonnes
Tow Pins	2 x Karmoy pins
Wire/Chain Stopper	Shark-jaws

CARGO CAPABILITIES	
Fresh Water	372 m3 @ 100m3 per hr at 75m head
Drill Water	396 m3 @ 100m3 per hr at 75m head
Fuel Capacity (100%)	536 m3 @ 150m3 per hr at 75m head
Liquid Mud	419 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

LIFE SAVING APPARATUS	
Liferafts	6 = 150 men
Rescue Boat	25 HP OBM = 6 men
Fast Rescue Boat	1

ACCOMMODATION	
Crew	(4 x 1-berth, 6 x 2-berth) 12
Passengers	(2 x 4-berth, 3 x 2-berth) 18
	Total 30

EXTERNAL FIRE FIGHTING	
Capacity	FIF1 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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