



GENERAL

Place of Build	Fujian South East Shipyard, China
Vessel Type	AHTS
Year Built	2011
Flag	Singapore
Call Sign	9V8734
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)	Mini M
E.P.I.R.B	McMurdo SMARTFIND E5
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	1500~

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	65 to 68 tons
Winch	Plimsoll 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 - Shark Jaws - 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	413 m3 @ 70m3 per hr
Dry Bulk	4 X 1650 cu ft each, total 6,600 cu ft
Dead Weight	1400 tons
Clear Deck Area	350 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

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
	(4 x 1-berth, 3 x 2-berth, 8 x 4-berth)
Total	40

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