



GENERAL

Place of Build	Fujian South East Shipyard, China
Vessel Type	AHTS
Year Built	2007
Flag	Singapore
Call Sign	9V7943
Class	ABS FIFI Class 1

PRINCIPAL DIMENSIONS

Length Overall	59.25 metres
Beam	14.95 metres
Maximum Draft	4.95 metres
Net Registered Tonnage	507
Gross Registered Tonnage	1690

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

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

CARGO CAPABILITIES

Fresh Water	350 m3 @ 100m3 per hr at 75m head
Drill Water	390 m3 @ 100m3 per hr at 75m head
Fuel Capacity (100%)	533 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	1360 tons
Clear Deck Area	340 Square Metres
Deck Cargo	500 tons

ACCOMMODATION

Crew Accommodation	(4 x 1-berth, 2 x 2-berth, 1 x 4-berth) 13
Passengers	(7 x 4-berth, 1 x 2-berth) 29
	Total 42

COMMUNICATIONS EQUIPMENT

HF radio	1 x Furuno FS 1570
VHF Radio	2 x Furuno VHF RT FM-8800S
Portable VHF Radio's	4 x Motorola GP328
Satellite Communications (Voice and Fax)	Furuno SAT C
E.P.I.R.B	McMurdo E5
GMDSS Compliance	Area A3

NAVIGATION EQUIPMENT

Radar No. 1	Furuno FR-1510 ARK-3
Radar No. 2	Furuno FR-2115
GPS	Furuno GPS Navigator GP-150
Echo Sounder	Furuno FE700
Navtex	Furuno NX 700
Auto Pilot	Anschutz Nautopilot NP60
Gyro Compass	Anchutz STD 22

DECK MACHINERY

Tugger Winch	2 x 10 tons
Capstan	2 x 5 tons
Deck Crane	1 x 2 tonnes @ 8 m

TOWING & ANCHOR HANDLING

Bollard Pull	66 tons
Winch	Mentrade Waterfall Type
Line Pull	150 tons
Brake Capacity	200 tons
Anchor Handling Wire	100m x 52mm
Towing Wire	1000m x 52mm
Tow Drum Capacity	1000m x 56mm
Spare Tow Wire Capacity	1000m x 56mm
Stern Roller	4.0 m x 1.5 m - SWL 180 tonnes
Tow Pins	2 x Karmoy pins
Wire/Chain Stopper	1 x Karmfork

LIFE SAVING APPARATUS

Liferafts	6 x 25 = 150 men
Rescue Boat	1 x 25HP OBM = 6men

EXTERNAL FIRE FIGHTING

Capacity	FIFI 1 - 2400 cu m per hr
Monitor	2 x 1200 cu m per hr
Throw x Height	150 m x 50 m

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