



## GENERAL

Place of Build	Fujian South East Shipyard, China
Vessel Type	AHTS
Year Built	2009
Flag	Singapore
Call Sign	9V7930
Class	ABS

## PRINCIPAL DIMENSIONS

Length Overall	59.25 metres
Beam	14.95 metres
Maximum Draft	4.95 metres
Net Registered Tonnage	503
Gross Registered Tonnage	1678

## 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 Kawasaki CPP
Lateral Thrust	6 tons
Auxiliary Generators	3 x 315 KW diesel driven
Emergency Generators	1 x 52 KW Olympian GEP 65-5
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	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	419 m3 @ 75m3 per hr
Dry Bulk	4 X 1650 cu ft each, total 6,600 cu ft
Dead Weight	1372 tons
Clear Deck Area	340 Square Metres
Deck Cargo	500 tons

## ACCOMMODATION

Crew Accommodation	(4 x 2-berth, 4 x 1-berth) 12
Passengers	(5 x 2-berth, 2 x 4-berth) 18
	Total 30

## COMMUNICATIONS EQUIPMENT

HF radio	1 x Furuno FS-2570C
VHF Radio	2 x Furuno FM 8800S
Portable VHF Radio's	3 x Motorola GP328
Satellite Communications (Voice and Fax)	Furuno SAT C
E.P.I.R.B	1 x McMurdo (Smartfind ES)
GMDSS Compliance	Area A3

## NAVIGATION EQUIPMENT

Radar No. 1	Furuno FAR-2117
Radar No. 2	Furuno FR-1510 - MK3
GPS	Furuno GP150
Echo Sounder	Furuno FE700
Navtex	Furuno NX700A
Auto Pilot	Raytheon Anschutz NP60
Gyro Compass	Raytheon Anschutz

## DECK MACHINERY

Tugger Winch	2 x 10 tons
Capstan	2 x 5 tons
Deck Crane	1 x 3 tonnes @ 9 m

## TOWING & ANCHOR HANDLING

Bollard Pull	67 tons
Winch	MacGregor / Hydraulic
Line Pull	150 tons
Brake Capacity	200 tons
Anchor Handling Wire Length	100 m x 56 mm
Tow Wire Length	800 m x 56 mm
Spare Tow Wire Length	1000 m x 56 mm
Stern Roller	4.0 m x 1.6 m - SWL 200 tonnes
Tow Pins	2 x Plimssoll Smith Berger
Wire/Chain Stopper	Shark-jaws

## LIFE SAVING APPARATUS

Liferafts	6 x 15 = 150 men
Rescue Boat	25 HP OBM = 6 men

## 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 45 m

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