



**GENERAL**

Place of Build	Fujian South East Shipyard, China
Vessel Type	AHTS
Year Built	2006
Flag	Singapore
Call Sign	8PTZ
Class	ABS FiFi-1

**COMMUNICATIONS EQUIPMENT**

HF radio	Furuno FS 2570C
VHF Radio	2 x fixed
Portable VHF Radio's	4 handheld
Satellite Communications (Voice and Fax)	Mini M
E.P.I.R.B	McMurdo E3 406 Mhz
GMDSS Compliance	Area A3

**PRINCIPLE DIMENSIONS**

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

**NAVIGATION EQUIPMENT**

Radar No. 1	ARPA FR2115
Radar No. 2	Furuno FR1510 MK2
GPS	FURUNO GP 32
Echo Sounder	Furuno FE 702
Navtex	Furuno NX700
Auto Pilot	Anschutz NP60
Gyro Compass	Anschutz

**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
Auxillary 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 2 tonnes @ 8 m

**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	1.0 m3 per day
Fuel Type	ISO 8217: 2005 DMA or later revisions

**TOWING & ANCHOR HANDLING**

Bollard Pull	66 tons
Winch	Mentrade Waterfall Type
Line Pull	100 tons
Brake Capacity	150 tons
Anchor Handling Wire	1000 m x 50 mm
Tow Drum Capacity	1000m x 52 mm
Spare Tow Wire Capacity	1000 m x 52 mm
Stern Roller	4.5 m x 1.6 m - SWL 180 tonnes
Tow Pins	2 x Karmoy Pins
Wire/Chain Stopper	1 x Karmfork

**CARGO CAPABILITIES**

Fresh Water	372 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	350 m3 @ 70m3 per hr
Dry Bulk	4 X 1650 cu ft each, total 6600
Dead Weight	1400tons
Clear Deck Area	28m x 12.5m = 350 Square Metres
Deck Cargo	500 tons

**LIFE SAVING APPARATUS**

Liferafts	6 x 25 = 150 men
Rescue Boat	1

**EXTERNAL FIRE FIGHTING**

Capacity	FIFI 1 - 2 x 1200 cu m per hr
Monitor	2
Throw x Height	120 m x 45 m

**ACCOMMODATION**

Crew Accommodation	(4 x 1-berth, 2 x 4-berth) 12
Passengers	(3 x 2-berth, 6 x 4-berth) 30
	Total 42

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