

## AHTS



<b>PARTICULARS</b>	
Vessel Type	Anchor Handling Tug Supply
IMO Number	
Port of Registry	Singapore
Year Built	2005
Classification	Class 1 + Hull + MACH Special Service - Anchor Handling Vessel, Fire Fighting Ship 1 Water Spraying, Unrestricted Navigation
<b>DETAILS</b>	
Length Overall	58.70m
Breadth	14.60m
GRT-NRT	1,450/435
Deadweight	1,433t
Depth Moulded	5.50m
Maximum draft	4.75m
Clear deck Space	350m <sup>2</sup> (600 MT tons total)
Deck loading	350m <sup>2</sup>
Max Speed	13.5kts
Economical speed	10kts
Bollard Pull tonnes	65t
Sewage Plant	1 x 40 men/day JiangShu Nanji WCB 50
Rudders	2 x high performance streamline type
Joystick	Kawasaki KICS
Flow Meter	Yes
<b>CAPACITY</b>	
Fuel Oil	475m <sup>3</sup>
Potable Water	228m <sup>3</sup>
Drill Water	460m <sup>3</sup>
Oil Based Mud	254m <sup>3</sup>
Dispersant	14m <sup>3</sup>

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Dry Bulk	187m <sup>3</sup> in four tanks
Foam	14m <sup>3</sup>
<b>PUMPING RATES</b>	
Fuel Oil	1 x 150m <sup>3</sup> @ 75m head
Potable Water	1 x 100m <sup>3</sup> @ 75m head
Drill Water	1 x 100m <sup>3</sup> @ 75m head
Oil Based Mud	2 x 70m <sup>3</sup> /h @ 75m head; (SG2.5) Mission
Dry Bulk	2 x 13m <sup>3</sup>
<b>MACHINERY</b>	
Main Engines	2 x Caterpillar 3516B 1,920kW
Generators	3 x Caterpillar 3408 DITA 340kW
Emergency Generators	1 x 52 Kw @ 1500 RPM Olympian GEP 65-3 c/w Leroy Somer LL2014H
Bow Thruster	1 x 315kW Tunnel Type
Propulsion	2 x CPP
<b>ACCOMMODATION</b>	
Berths	2x1, 4x2, 8x4
Total	42
<b>FIRE FIGHTING</b>	
Class	1
Monitors	1 x 300-1,200m <sup>3</sup> /hr, 1 x 1,200m <sup>3</sup> /hr
Pumps	2 x 154m <sup>3</sup> /hr
<b>DECK EQUIPMENT</b>	
<b>Towing Winch</b>	
Type	Plimsoll P3446-AHTW/WF-150T waterfall
Pull	Bollard Pull 53.5 mt (test 26.06.2014)
Brake Holding	200t
Wire Capacity	56mm x 1,000m
<b>Anchor Handling Winch</b>	
Type	Plimsoll P3446-AHTW/WF-150T waterfall
Pull	As per Ship particulars (see attached file): 150 @ 6 m/min @ 1st layer, 71 mt @12 m/min @ 1st layer, 50 mt @18 m/min @ 1st layer, 23 mt @36 m/min @ 1st layer
Brake Holding	200t
Wire Capacity	56mm x 1,000m
<b>Tugger Winch</b>	
Number & Capacity	2 x 10t Electro-hydraulic
Wire Capacity	22mm x 200m
<b>Other Deck Equipment</b>	
Storage Drum	1 x Electro-hydraulic
Towing Pins	2 x 300t Electro-hydraulic with turntable top flapses
Shark Jaws	1 x 300t Karmfork
Stern Roller	5.0m x 1.6m (dia) SWL 200 mt

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Deck Voltage & Sockets	2 x 415V, 2 x 220V
Water Maker	1 x 5m <sup>3</sup> /Day reverse osmosis
<b>LIFESAVING</b>	
Liferafts	6 x 25 man
Lifejackets	92
FRC/Rescue Boat/Davit	1 x European community/valiant RB-400 SOLAS
Lifebuoys	6
Immersion Suits	Exemption Cert o/b