



# MERMAID VISION

## AHTS



<b>PARTICULARS</b>	
Vessel Type	AHTS
IMO Number	9548627
Port of Registry	Singapore
Year Built	2009
Classification	ABS, A1 Towing Vessel, Offshore Support Vessel, ACCU, AMS, DPS2
<b>DETAILS</b>	
Length Overall	67.8m
Breadth	15m
GRT-NRT	1951/580
Deadweight	1700
Depth Moulded	6.1m
Maximum draft	5.0m
Clear deck Space	425m <sup>2</sup>
Deck loading	7.5 t/m <sup>2</sup> (600 tons total)
Max Speed	14 kts
Economical speed	11kts
Bollard Pull	100t
Sewage Plant	Taiko SB-40 MARPOL compliant
Rudders	2 Ulstein Highlight Streamline
Joystick	Covertteam
Flow Meter	Fitted
<b>CAPACITY</b>	
Fuel Oil	606m <sup>3</sup>
Potable Water	510m <sup>3</sup>
Drill Water	545m <sup>3</sup>
Oil Based Mud	416m <sup>3</sup>
Dispersant	13.5m <sup>3</sup>

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Dry Bulk	170m <sup>3</sup> in four tanks
Foam	13.5m <sup>3</sup>
<b>PUMPING RATES</b>	
Fuel Oil	1 x 125m <sup>3</sup> @ 75m head
Potable Water	1 x 125m <sup>3</sup> @ 75m head
Drill Water	1 x 125m <sup>3</sup> @ 75m head
Oil Based Mud	2 x 100m <sup>3</sup> @ 80m head
Dry Bulk	2 x 20m <sup>3</sup> @ 80psi/min
<b>MACHINERY</b>	
Main Engines	2 x 4000 BHP MAK 9M25
Generators	2 x 370kW Caterpillar C18
Emergency Generators	1 x 80kW Caterpillar
Bow Thruster	2 x 400kW Kawasaki
Stern Thruster	1 x 400kW Kawasaki
Propulsion	2 x CPP in Kort Nozzle
<b>ACCOMMODATION</b>	
Berths	4x1, 6x2, 4x4
Total	32
<b>FIRE FIGHTING</b>	
Class	1
Monitors	2 x 1,200m <sup>3</sup> /hr
Pumps	2 x 1,540m <sup>3</sup> /hr
<b>DECK EQUIPMENT</b>	
<b>Towing Winch</b>	
Type	Rolls Royce electro hydraulic waterfall
Pull	200t
Brake Holding	250t
Wire Capacity	1400m x 58mm
<b>Anchor Handling Winch</b>	
Type	Rolls Royce electro hydraulic waterfall
Pull	200t
Brake Holding	250t
Wire Capacity	1400m x 58mm
<b>Tugger Winch</b>	
Number & Capacity	2 x 10t SWL
Wire Capacity	250m x 22mm
<b>Other Deck Equipment</b>	
Storage Drum	Electro hydraulic, 1000m x 58mm, 7.5t pull
Towing Pins	Karmoy 2 x 250t SWL
Shark Jaws	Karmfork 1 x 250t SWL
Stern Roller	1.8m x 5m x 250t SWL
Crane	1 x 3t telescopic to 15m

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Deck Voltage & Sockets	2 x 415v, 2 x 220v
Water Maker	1 x 12m3 reverse osmosis
<b>LIFESAVING</b>	
Liferafts	6 x 16 man
Lifejackets	40 SOLAS approved
FRC/Rescue Boat/Davit	Boat Noreq FRB 650, Davit NPDS3500H
Lifebuoys	8
Immersion Suits	32
<b>SPECIALIST</b>	
DP Class	Class 2, Converteam
DGPS	Veripos
Fanbeam	1 x Cyscan laser
Rescue Zone	Yes