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# MERMAID VANQUISH

AHTS, DPO



PARTICULARS	
Vessel Type	Anchor Handling Tug Supply DPO
IMO Number	9425576
Port of Registry	Singapore
Year Built	2007
Classification	A1, Towing Vessel, Offshore Support Vessel AH, (E), AMS
DETAILS	
Length Overall	59.25m
Breadth	14.95m
GRT-NRT	1678/503
Deadweight	1385
Depth Moulded	6.1m
Maximum draft	4.95m
Clear deck Space	340m <sup>2</sup> (500 tons total)
Deck loading	7.5t/m <sup>2</sup>
Max Speed	13 kts
Economical speed	10 kts
Bollard Pull tonnes	56mt
Sewage Plant	MARPOL compliant 50 persons
Rudders	Twin high lift
Joystick	Yes
CAPACITY	
Fuel Oil	537m <sup>3</sup>
Potable Water	360m <sup>3</sup>
Drill Water	400m <sup>3</sup>
Oil Based Mud	370m <sup>3</sup>
Dispersant	12m <sup>3</sup>
Dry Bulk	187m <sup>3</sup>
Foam	12m <sup>3</sup>

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## AHTS

<b>PUMPING RATES</b>	
Fuel Oil	1 x 150m <sup>3</sup> /hr @ 75m head
Potable Water	1 x 100m <sup>3</sup> /hr @75m head
Drill Water	1 x 100m <sup>3</sup> /hr @75m head
Oil Based Mud	2 x 75m <sup>3</sup> /hr @ 75m head
Dry Bulk	2 x 13m <sup>3</sup> /min
<b>MACHINERY</b>	
Main Engines	2 x Caterpillar 3516B 2525kW
Generators	3 x Caterpillar 3408 340KW
Emergency Generators	1 x Perkins 52kW
Bow Thruster	Kawasaki 5 t x 1.42 BHP/315kW
Propulsion	2 x Berg CPP
<b>ACCOMMODATION</b>	
Berths	4x1, 3x2, 8x4
Total	42
<b>FIRE FIGHTING</b>	
Class	1
Monitors	2 x water monitors 1,200m <sup>3</sup> /hr, 12 bar, 120m throw
Pumps	2 x 1400m <sup>3</sup> /hr
<b>DECK EQUIPMENT</b>	
<b>Towing Winch</b>	
Type	Karmoy hydraulic double drum waterfall
Pull	150t
Brake Holding	200t
Wire Capacity	1000m x 52mm
<b>Anchor Handling Winch</b>	
Type	Karmoy hydraulic double drum
Pull	150t
Brake Holding	200t
Wire Capacity	1000m x 52mm
<b>Tugger Winch</b>	
Number & Capacity	2 x 10t
Wire Capacity	15m/min
<b>Other Deck Equipment</b>	
Towing Pins	Karmoy SWL 200t
Shark Jaws	Karmoy Fork SWL 200t
Stern Roller	4m x 1.6 dia SWL 200t
Crane	3 t x 9m reach
Water Maker	1 x 3t per day
<b>LIFESAVING</b>	
Liferafts	6 x 25 man
Lifejackets	53
FRC/Rescue Boat/Davit	Rescue boat & davit

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## AHTS

Lifebuoys	8
Immersion Suits	3
<b>SPECIALIST</b>	
Rescue Zone	Fitted
Storage Reel	Capacity 1000m x 52mm wire, 14 tonne pull