



# JAYA SEAL

## AHTS



<b>PARTICULARS</b>	
Vessel Type	Anchor Handling Tug Supply
IMO Number	9323443
Port of Registry	Singapore
Year Built	2004
Classification	A1, Towing Vessel, Fire Fighting Vessel Class 1, (E), AMS, DPS-2
<b>DETAILS</b>	
Length Overall	62.85m
Breadth	14.95m
GRT-NRT	1,772/531
Deadweight	1,600t
Depth Moulded	6.10m
Maximum draft	5.12m
Clear deck Space	400m <sup>2</sup> (800 tons total)
Deck loading	370 m <sup>2</sup>
Max Speed	13.5kts
Economical speed	10.0kts
Bollard Pull tonnes	65t
Sewage Plant	1 x Taiko Kikai SBT-40
Rudders	2 x Ulstein Highlight Streamline
Joystick	Kongsberg
Flow Meter	Fitted
<b>CAPACITY</b>	
Fuel Oil	570m <sup>3</sup>
Potable Water	420m <sup>3</sup>
Drill Water	400m <sup>3</sup>
Oil Based Mud	410m <sup>3</sup>
Dispersant	13.18m <sup>3</sup>
Dry Bulk	200m <sup>3</sup> in four tanks
Foam	13.18m <sup>3</sup>

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<b>PUMPING RATES</b>	
Fuel Oil	44 kw 1775 rpm x 100m <sup>3</sup> /hr @ 75m head
Potable Water	34 kw 3450 rpm x 100m <sup>3</sup> /hr @ 75m head
Drill Water	34 kw 3450 rpm x 100m <sup>3</sup> /hr @ 75m head
Oil Based Mud	110 kw 3500 rpm x100m <sup>3</sup> /hr @ 75m head
Dry Bulk	110 kw 4,510 rpm 440V/3 PH/60 HZ @ 2.0 m <sup>3</sup> / min at 6.2 Bar
<b>MACHINERY</b>	
Main Engines	2 x Wartsila 6L26A 2,050kW
Generators	2x Caterpillar 3408 C
Emergency Generators	1 x 60 Kw 1800 rpm 440V/3 Ph/60 Hz Olimpian GEP 63
Bow Thruster	2 x Tunnel Type
Propulsion	2 x CPP
<b>ACCOMMODATION</b>	
Berths	1x4, 2x3, 4x8
Total	42
<b>FIRE FIGHTING</b>	
Class	1
Monitors	2 x 1,200m <sup>3</sup> /hr
Pumps	2 x 1,637m <sup>3</sup> /hr
<b>DECK EQUIPMENT</b>	
<b>Towing Winch</b>	
Type	Brattvaag SL 150 W-2T waterfall
Pull	Bollard pull 65 tonnes
Brake Holding	225t
Wire Capacity	52mm x 1,200m
<b>Anchor Handling Winch</b>	
Type	Brattvaag SL 150 W-2T waterfall
Pull	Bollard pull 65 tonns
Brake Holding	225t
Wire Capacity	52mm x 1,200m
<b>Tugger Winch</b>	
Number & Capacity	2 x 10t Electro-hydraulic
Wire Capacity	28mm x 250m
<b>Other Deck Equipment</b>	
Storage Drum	Electro-hydraulic, 52mm x 1,200m, 7t
Towing Pins	2 x 300t Karmoy
Shark Jaws	1 x 300t Karmfork
Stern Roller	1 x 250 tonnes SWL, 1600/1800 mm Ø x 3500 mm lgth
Crane	1 x 2.2t, North American Crane MCT 1040
Deck Voltage & Sockets	3 x 220V, 2 x 440V
Water Maker	N/A

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<b>LIFESAVING</b>	
Liferafts	6 x 25 man
Lifejackets	53
FRC/Rescue Boat/Davit	1 x rescue boat, 1 x FRC
Lifebuoys	8
Immersion Suits	42