



MMA CENTURION

AHTS



PARTICULARS

Vessel Type	Anchor Handling Tug Supply
IMO Number	9548017
Port of Registry	Singapore
Year Built	2011
Classification	A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel AH, (E), AMS, DPS-2

DETAILS

Length Overall	70.0m
Breadth	17.0m
GRT-NRT	2,744/823
Deadweight	2,488t
Depth Moulded	7.50m
Maximum draft	6.10m
Clear deck Space	500m ² (approx 600t total)
Deck loading	7.5t/m ²
Max Speed	14.0kts
Economical speed	10.0kts
Bollard Pull tonnes	102.45mt
Sewage Plant	1 x 50 pax
Rudders	2 x Becker Flap Type S-A
Joystick	Bridge Mate

CAPACITY

Fuel Oil	700m ³
Potable Water	514m ³
Drill Water	1,336m ³ (Subject to Ballast Water requirement for VSL stability)
Oil Based Mud	382m ³
Dispersant	15m ³
Dry Bulk	200m ³ in four tanks
Foam	15m ³

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PUMPING RATES	
Fuel Oil	1 x 117m ³ /hr @ 80m head
Potable Water	1 x 120m ³ /hr @ 90m head
Drill Water	1 x 120m ³ /hr @ 90m head
Oil Based Mud	2 x 75 m ³ /hr @ 95 m head
Dry Bulk	2 x 20 m ³ /hr
Flow Meter	Fitted
MACHINERY	
Main Engines	2 x MaK 9M25 2,970 BHP
Generators	2 x 350 kW Volvo Penta
Emergency Generators	1 x Volvo Penta radiator cooled - 99ekW @ 1,800rpm, 440V/3Ph/60Hz
Bow Thruster	2 x 600kW Tunnel Type
Propulsion	2 x CPP
ACCOMMODATION	
Berths	1x10, 2x20
Total	50
FIRE FIGHTING	
Class	1
Monitors	2 x 1,200 m ³ /hr
Pumps	2 x 1,711 m ³ /hr
DECK EQUIPMENT	
Towing Winch	
Type	Rolls Royce Electro-Hydraulic waterfall
Pull	108mt (last test cert 102mt in 2 Nov, 2012)
Brake Holding	250t
Wire Capacity	58mm x 1,400m
Anchor Handling Winch	
Type	Rolls Royce Electro-Hydraulic waterfall
Pull	200mt 1st layer (1 x electro-hydraulic double drum "Brattvaag")
Brake Holding	250t
Wire Capacity	58mm x 1,400m
Tugger Winch	
Number & Capacity	2 x 12mt on first layer, Electro-hydraulic Brattvaag
Wire Capacity	Dia. 406 / 900 x 500mm
Other Deck Equipment	
Storage Drum	Electro-hydraulic, 58mm x 1,500m
Towing Pins	2 x 250t Karmoy
Shark Jaws	1 x 250t Karmfork
Stern Roller	1 x 250t 4.8m x 2.2m
Crane	1 x 5.9mt/2.0mt @ 2.2 M/12 M Palfinger Electro-hydraulic Telescopic Crane

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Deck Voltage & Sockets	2 x 415V, 2 x 220V
Water Maker	2 x 5m ³
LIFESAVING	
Liferafts	6 x 25 man
Lifejackets	67
FRC/Rescue Boat/Davit	1 x inflatable rescue boat
Lifebuoys	8
Immersion Suits	3