



MMA CAVALIER

AHTS



PARTICULARS	
Vessel Type	Anchor Handling Tug Supply
IMO Number	9531325
Port of Registry	Singapore
Year Built	2010
Classification	+ A1 (E)+AMS+DP2 AH Towing vessel, Fire Fighting Class 1, Offshore Support Vessel
DETAILS	
Length Overall	70.05m
Breadth	17.0m
GRT-NRT	2,744/823
Deadweight	2,515t
Depth Moulded	7.50m
Maximum draft	6.10m
Clear deck Space	500m ² (600mt total)
Deck loading	7.5mt/m ²
Max Speed	13.6kts
Economical speed	12.0kts
Bollard Pull tonnes	108t
Sewage Plant	1 x 50 men, Evac Vacuum
Rudders	2 x Becker Flap Type S-A
Joystick	MT
Flow Meter	Fitted for Fresh Water, Fuel Oil and Base Oil
CAPACITY	
Fuel Oil	698m ³
Potable Water	514m ³
Drill Water	1,340m ³
Oil Based Mud	390m ³
Dispersant	15m ³

AHTS

Dry Bulk	50m ³ in four tanks
Foam	15m ³
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 75m ³ /hr @ 95m head
Dry Bulk	2 x 20 m ³ /min Air Flow
MACHINERY	
Main Engines	2 x MaK 9M25 2,970kW
Generators	2 x Volvo Penta D12D-E HEAUX 350kW
Emergency Generators	1 x ekW 99kW
Bow Thruster	2 x 600kW Tunnel Type
Propulsion	2 x CPP
ACCOMMODATION	
Berths	10x1, 20x2
Total	50
FIRE FIGHTING	
Class	1
Monitors	2 x 1,200m ³ /hr
Pumps	2 x 1,711m ³ /hr
DECK EQUIPMENT	
Towing Winch	
Type	1 x Electro-hydraulic Double Drum waterfall
Pull	Low speed: on 1st layer 200mt; High speed: on 1st layer 60mt
Brake Holding	250t
Wire Capacity	58mm x 1,400m
Anchor Handling Winch	
Type	1 x Electro-hydraulic
Pull	Low speed: on 1st layer 200mt; High speed: on 1st layer 60mt
Brake Holding	250t
Wire Capacity	58mm x 300m
Tugger Winch	
Number & Capacity	2 x Electro-hydraulic
Wire Capacity	22mm Dia x 220m Steel wire rope with one end mech alumn spliced thimble eye
Other Deck Equipment	
Storage Drum	1 x Electro-hydraulic fixed drum
Towing Pins	2 x 250t fork
Shark Jaws	2 x 250t Electro-hydraulic Karmfork
Stern Roller	1 x 250mt 2.2m x 4.8m
Crane	1 x 5.9t @ 2.2m & 2.9t @ 12m Electro-hydraulic Telescopic Palfinger crane

MMA CAVALIER



AHTS

Deck Voltage & Sockets	2 x 440V, 2 x 220V
Water Maker	5,500L/day
LIFESAVING	
Liferafts	6 x 25 man
Lifejackets	63
FRC/Rescue Boat/Davit	1 x inflatable
Lifebuoys	8
Immersion Suits	49