

AHTS



PARTICULARS	
Vessel Type	Anchor Handling Tug Supply
IMO Number	
Port of Registry	Singapore
Year Built	2010
Classification	ABS✱ A1(E), AH, Offshore Support Vessel/ AH Towing Vessel, FiFi Class 1 ✱ AMS, ✱ DPS-2
DETAILS	
Length Overall	70.50m
Breadth	16.60m
GRT-NRT	2,558/767
Deadweight	2,500t
Depth Moulded	7.20m
Maximum draft	5.90m
Clear deck Space	490m ² (900t total)
Deck loading	10mt/m ² for area abt. 160m ² rest area 5mt/m ²
Max Speed	14.0kts
Economical speed	10.0kts
Bollard Pull tonnes	120.2mt Last test 13 July 2010
Sewage Plant	Capacity 1x40 Men/day
Rudders	2 x high lift type
Joystick	MT Bridge Mate JX
Flow Meter	Fitted
CAPACITY	
Fuel Oil	988.32m ³
Potable Water	441m ³
Drill Water	601m ³
Oil Based Mud	497m ³
Dispersant	13.2m ³
Dry Bulk	227m ³

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Foam	10.64m ³
PUMPING RATES	
Fuel Oil	1 x 100m ³ /hr @ 80m head
Potable Water	1 x 100m ³ /hr @ 80m head
Drill Water	1 x 100m ³ /hr @ 80m head
Oil Based Mud	2 x 75m @ 24 bar head; Netzsch
Dry Bulk	2 x 20m ³ /min @ 80 psi (5.6kg/cm ²)
MACHINERY	
Main Engines	2 x Niigata 8MG28HLX 2,942kW
Generators	2 x Volvo D12-MG-HE 350kW
Emergency Generators	1 x Volvo D 7A @ 1,800 rpm driving Standford alternator UCM274E-1
Bow Thruster	2 x Kawasaki KT-88B3 680kW, Tunnel Type
Propulsion	2 x CPP with Kort Nozzle
ACCOMMODATION	
Berths	4x8, 3x2, 1x4
Total	42
FIRE FIGHTING	
Class	1
Monitors	2 x 1,200 m ³ /hr
Pumps	2 x 1,700 m ³ /hr
DECK EQUIPMENT	
Towing Winch	
Type	Electro-hydraulic Double Drum AHTW; Mentrade waterfall
Pull	Line pull 210mt @ 8.0m/min at 1st layer 80mt @ 16m/min at 1st layer 20mt @ 46m/min 2 1st layer
Brake Holding	280t
Wire Capacity	58mm x 1,400m
Anchor Handling Winch	
Type	Electro-hydraulic Double Drum AHTW; Mentrade waterfall
Pull	Line pull 210mt @ 8.0m/min at 1st layer 80mt @ 16m/min at 1st layer 20mt @ 46m/min 2 1st layer
Brake Holding	280t
Wire Capacity	58mm x 1,400m
Tugger Winch	
Number & Capacity	2 x 10t Electro-hydraulic HUW; Mentrade
Wire Capacity	24mm x 200m
Other Deck Equipment	
Storage Drum	Electro hydraulic, 58 mm x 1,000m, 7.5t
Towing Pins	2 x 300t Electro-hydraulic with turntable top flaps
Shark Jaws	1 x 300t Electro-hydraulic Karmfork
Stern Roller	6.0m (L) x 2.0m (dia). SWL 300mt

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Crane	1 x Electro-hydarulic knuckle jib crane. SWL 3.0 mt @ 16m
Deck Voltage & Sockets	2 x 415V, 2 x 220V
Water Maker	5,000L/Day
LIFESAVING	
Liferafts	6 x 25 man
Lifejackets	53
FRC/Rescue Boat/Davit	1 x WJ45KR
Lifebuoys	12
Immersion Suits	53