

AHTS



PARTICULARS	
Vessel Type	Anchor Handling Tug Supply
IMO Number	
Port of Registry	Singapore
Year Built	2009
Classification	✕ A1, DP-1 Towing Vessel, Offshore Support Vessel, (E), ✕ AMS
DETAILS	
Length Overall	58.7m
Breadth	14.6m
GRT-NRT	1,459/450
Deadweight	1,350t
Depth Moulded	5.50m
Maximum draft	4.76m
Clear deck Space	350m ² (7.5 MT/M ²)
Deck loading	300m ²
Max Speed	13.9kts
Economical speed	10.0kts
Bollard Pull tonnes	53.02t
Sewage Plant	1 x Submerged Bio-filter Treatment SBTC-65
Rudders	2 x high performance streamline type
Joystick	Marine Technology
Flow Meter	Fitted
CAPACITY	
Fuel Oil	482m ³
Potable Water	213m ³
Drill Water	463m ³
Oil Based Mud	259m ³
Dispersant	13m ³

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Dry Bulk	187m ³ in 4 tanks
Foam	13m ³
PUMPING RATES	
Fuel Oil	1 x 150m ³ /hr @ 75m head
Potable Water	1 x 100m ³ /hr @ 75m head
Drill Water	1 x 100m ³ /hr @ 67m head
Oil Based Mud	2 x 70m ³ /hr @ 85m head
Dry Bulk	2 x 13m ³ /min @ 80psi (5.6 kg/cm ³)
MACHINERY	
Main Engines	2 x Wartsila 9L20 1,800kW
Generators	3 x Volvo D30A 569kW
Emergency Generators	1 x Volvo D 7A T @1.500 rpm
Bow Thruster	2 x 500kW Tunnel Type
Propulsion	2 x CPP
ACCOMMODATION	
Berths	4x8, 2x4, 1x2
Total	42
FIRE FIGHTING	
Class	1
Monitors	2 x 1,642 m ³ /hr
Pumps	1 x 1,550 m ³ /hr
DECK EQUIPMENT	
Towing Winch	
Type	Electro-hydraulic Double Drum Mentrade waterfall
Pull	150 MT @ 6.0 m/min at 1st layer
Brake Holding	200t
Wire Capacity	56 mm x 1,000m
Anchor Handling Winch	
Type	Electro-hydraulic Double Drum Mentrade
Pull	150 MT @ 6.0 m/min at 1st layer
Brake Holding	200t
Wire Capacity	56mm x 1,000m
Tugger Winch	
Number & Capacity	10t
Wire Capacity	22mm x 220m
Other Deck Equipment	
Storage Drum	Electro-hydraulic, 52mm x 1,200m
Towing Pins	2 x 300t Karmoy
Shark Jaws	1 x 300t Karmfork
Stern Roller	1 x 200t 1.5m x 5m
Crane	1 x 1.2t @ 12m
Deck Voltage & Sockets	6 x 415V, 4 x 220V
Water Maker	5m ³ /day Southern Reverse Osmosis

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LIFESAVING	
Liferafts	4 x 20 man, 2 x 25 man
Lifejackets	53
FRC/Rescue Boat/Davit	1 x 6 man rigid inflatable c/w outboard motor
Lifebuoys	8
Immersion Suits	3
SPECIALIST	
DP Class	Marine Technologies Bridge Mate DP1