



JAYA AMANDAM

AHTS



PARTICULARS	
Vessel Type	Anchor Handling Tug Supply
IMO Number	9530254
Port of Registry	Singapore
Year Built	2009
Classification	A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel AH, (E), AMS, DPS-1
DETAILS	
Length Overall	58.7m
Breadth	14.6m
GRT-NRT	1,459/437
Deadweight	1,350t
Depth Moulded	5.50m
Maximum draft	4.76m
Clear deck Space	350m ² (7.5mt/m ²)
Deck loading	300t
Max Speed	13.9kts
Economical speed	10.0kts
Bollard Pull tonnes	61.70mt
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
Dry Bulk	187m ³ in 4 tanks
Foam	13m ³

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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
LIFESAVING	

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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