



MMA CONCORDIA

AHTS



PARTICULARS	
Vessel Type	Anchor Handling Tug Supply
IMO Number	9527465
Port of Registry	Singapore
Year Built	2010
Classification	A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel AH, (E), 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	100mt
Sewage Plant	Capacity 1x40 Men/day
Rudders	2 x high lift type
Joystick	MT Bridge Mate JX
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
Foam	10.64m ³

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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)
Flow Meter	Fitted
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-hydraulic 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