



MDPL CONQUEROR

AHTS



PARTICULARS	
Vessel Type	Anchor Handling Tug Supply
IMO Number	9527453
Port of Registry	Singapore
Year Built	2010
Classification	✕ A1(E)✕ AMS DPS-2 AH Towing Vessel Fire Fighting Class 1, Offshore Support Vessel
DETAILS	
Length Overall	70.50m
Breadth	16.60m
GRT-NRT	2,558,767
Deadweight	2,506t
Depth Moulded	7.20m
Maximum draft	4.7m
Clear deck Space	480m ²
Deck loading	480m ² (900MT)
Max Speed	14.3kts
Economical speed	10.0kts
Bollard Pull tonnes	119.5t
Sewage Plant	1 x 40 men/day
Rudders	2 x High lift
Joystick	MT Bridge Mate JX
Flow Meter	Fitted
CAPACITY	
Fuel Oil	988m ³
Potable Water	441m ³
Drill Water	601m ³
Oil Based Mud	497m ³
Dispersant	13m ³
Dry Bulk	220m ³ (2 x 2,035ft ³ & 2 x 1,850ft ³)

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Foam	13m ³
PUMPING RATES	
Fuel Oil	1 x 100m ³ /hr @ 80m head
Potable Water	1 x 100 m ³ /h @ 80m head; Itur
Drill Water	1 x 100m ³ /hr @ 80m head
Oil Based Mud	2 x 75m ³ /h @ 24 barg head; Netzsch
Dry Bulk	2 x 20 m ³ /min @ 80 psi (5.6 kg/cm ²) Airman SWS75S
MACHINERY	
Main Engines	2 x Niigata 8MG28HLX 2,942kW
Generators	2 x Volvo D12 MG HE 350kW
Emergency Generators	1 x Volvo D 7A T @ 1,800 rpm driving Stamford alternator UCM274E-1 rated at 99 kW/440 V/60 Hz/3 Ph
Bow Thruster	2 x 680kW Kawasaki KT-88B3 Thrust Tunnel Type
Propulsion	2 x CPP with Kort Nozzle
ACCOMMODATION	
Berths	4x1, 3x2, 8x4
Total	42
FIRE FIGHTING	
Class	1
Monitors	2 x 1,200 m ³ /h
Pumps	2 x 1,700 m ³ /h
DECK EQUIPMENT	
Towing Winch	
Type	Electro-hydraulic Double Drum AHTW; Mentrade
Pull	210mt @ 8.0 m/min at 1st layer 80mt @ 16 m/min at 1st layer 40mt @ 23 m/min at 1st layer 20mt @ 46 m/min at 1st layer
Brake Holding	280mt
Wire Capacity	1,400 m (L) x 58 mm (Ø) SWR
Anchor Handling Winch	
Type	N/A
Pull	210mt @ 8.0 m/min at 1st layer 80mt @ 16 m/min at 1st layer 40mt @ 23 m/min at 1st layer 20mt @ 46 m/min at 1st layer
Brake Holding	280mt
Wire Capacity	1,400 m (L) x 58 mm (Ø) SWR
Tugger Winch	
Number & Capacity	2 x 12t Electro-hydraulic HUW
Wire Capacity	24mm x 200m
Other Deck Equipment	

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Storage Drum	1 x 8 mt @ 32 m/min electro-hydraulic HSR; Mentrade for 1,500 m (L) x 58 mm (dia) SWR
Towing Pins	2 x Electro-hydraulic with turntable top flaps
Shark Jaws	2 x 300t Karmfork
Stern Roller	1 x 300t 6.0m x 2.0m
Crane	1 x Electro-hydraulic knuckle jib crane
Deck Voltage & Sockets	NIL (as required)
Water Maker	1 x 5m ³ /Day reverse osmosis
LIFESAVING	
Liferafts	6 x 25 men
Lifejackets	53 pcs (as per Safety Plan)
FRC/Rescue Boat/Davit	1 x Rigid inflatable c/w outboard motor
Lifebuoys	12 pcs (as per Safety Plan)
Immersion Suits	53 pcs (as per Safety Plan)