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# MDPL CONTINENTAL ONE

AHTS



PARTICULARS	
Vessel Type	Anchor Handling Tug Supply
IMO Number	9527477
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	2,500t
Depth Moulded	7.20m
Maximum draft	4.50m
Clear deck Space	480m <sup>2</sup>
Deck loading	900mt
Max Speed	14.3kts
Economical speed	10.0kts
Bollard Pull tonnes	121t
Sewage Plant	1 x 40 men/day
Rudders	2 x High Lift type
Joystick	MT Bridge Mate JX
Flow Meter	As required
CAPACITY	
Fuel Oil	988m <sup>3</sup>
Potable Water	441m <sup>3</sup>
Drill Water	601m <sup>3</sup>
Oil Based Mud	497m <sup>3</sup>
Dispersant	11m <sup>3</sup>
Dry Bulk	220m <sup>3</sup> (2 x 2,035ft <sup>3</sup> & 2 x 1,850ft <sup>3</sup> ) approx.

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Foam	11m <sup>3</sup>
<b>PUMPING RATES</b>	
Fuel Oil	1 x 100m <sup>3</sup> /hr @ 80m head
Potable Water	1 x 100m <sup>3</sup> /hr @ 80m head
Drill Water	1 x 100m <sup>3</sup> /hr @ 80m head
Oil Based Mud	2 x 75m <sup>3</sup> /h @ 24 barg head; Netzsch
Dry Bulk	2 x 20 m <sup>3</sup> /min @ 80 psi (5.6 kg/cm <sup>2</sup> )
<b>MACHINERY</b>	
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
Bow Thruster	2 x 680kW electric-driven Kawasaki KT-88B3 Tunnel Type
Propulsion	2 x CPP with Kort Nozzle
<b>ACCOMMODATION</b>	
Berths	4x1, 3x2, 8x4
Total	42
<b>FIRE FIGHTING</b>	
Class	Class 1
Monitors	1 x 1,200 m <sup>3</sup> /h
Pumps	2 x 1,700 m <sup>3</sup> /h
<b>DECK EQUIPMENT</b>	
<b>Towing Winch</b>	
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	280 mt static at 1st layer
Wire Capacity	1,400 m (L) x 58 mm (Ø) SWR
<b>Anchor Handling Winch</b>	
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	280 mt static at 1st layer
Wire Capacity	1,400 m (L) x 58 mm (Ø) SWR
<b>Tugger Winch</b>	
Number & Capacity	2 x 12t Electro-hydraulic HUW
Wire Capacity	24mm x 200m
<b>Other Deck Equipment</b>	
Storage Drum	1 x 8mt @ 32 m/min electro-hydraulic HSR; Mentrade

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	Call Sign TBA 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 telescopic boom crane
Deck Voltage & Sockets	NIL (as required)
Water Maker	1 x 5m <sup>3</sup> /Day reverse osmosis
<b>LIFESAVING</b>	
Liferafts	6 x 25 man
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) 53 pcs (as per Safety Plan)
Immersion Suits	N/A