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# MERMAID VANTAGE

ANCHOR HANDLING  
TUG SUPPLY



PARTICULARS	
Vessel Type	Anchor Handling Tug Supply DP1
IMO Number	9552628
Port of Registry	Singapore
Year Built	2009
Classification	ABS, A1E, Offshore Support Vessel, FiFi Class 1, AMS, DPS1, Towing Vessel
DETAILS	
Length Overall	59.2m
Breadth	15m
GRT-NRT	1678/503
Deadweight	1400T
Depth Moulded	6.1m
Maximum draft	4.95m
Clear deck Space	350m <sup>2</sup>
Deck loading	7.5t/m <sup>2</sup> (500 tons total)
Max Speed	13 kts
Economical speed	10 kts
Bollard Pull tonnes	66T
Sewage Plant	Taxin MARPOL compliant 50 persons
Rudders	2 high performance
Joystick	Marine Tech
Flow Meter	Fitted
CAPACITY	
Fuel Oil	500m <sup>3</sup>
Potable Water	372m <sup>3</sup>
Drill Water	396m <sup>3</sup>
Oil Based Mud	419m <sup>3</sup>
Dispersant	13m <sup>3</sup>
Dry Bulk	187m <sup>3</sup> in four tanks

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## DP1 AHTS

Foam	13m <sup>3</sup>
<b>PUMPING RATES</b>	
Fuel Oil	150m <sup>3</sup> @ 75m head
Potable Water	125m <sup>3</sup> @ 75m head
Drill Water	100m <sup>3</sup> @ 67m head
Oil Based Mud	70m <sup>3</sup> @ 85m head
Dry Bulk	2 x 13m <sup>3</sup> /min
<b>MACHINERY</b>	
Main Engines	2 x 2575 hp Caterpillar 3516B-HD
Generators	3 x 383kW Caterpillar C18
Emergency Generators	1 x 52kW Caterpillar 3054
Bow Thruster	6 tonne Kawasaki KT-5583
Propulsion	2 x CPP in Kort Nozzle
<b>ACCOMMODATION</b>	
Berths	4x1, 3x2, 8x4
Total	42
<b>FIRE FIGHTING</b>	
Class	1
Monitors	2 x 1,200m <sup>3</sup> /hr
Pumps	2 x 1,540m <sup>3</sup> /hr
<b>DECK EQUIPMENT</b>	
<b>Towing Winch</b>	
Type	Mentrade electro hydraulic double drum waterfall
Pull	150t
Brake Holding	200t
Wire Capacity	1000m x 56mm
<b>Bow Winch</b>	
Brake Holding	200t
<b>Anchor Handling Winch</b>	
Type	Mentrade electro hydraulic double drum waterfall
Pull	150t
Brake Holding	200t
Wire Capacity	1000m x 56mm
<b>Tugger Winch</b>	
Number & Capacity	2 x 10t SWL
Wire Capacity	200m x 22mm
<b>Other Deck Equipment</b>	
Storage Drum	Mentrade electro hydraulic, 1000m x 56mm, 5t pull
Towing Pins	Karmoy 2 x 650 SWL with inserts 60 to 125mm
Shark Jaws	1 x 300t SWL Karfork
Stern Roller	Plimsol 1.6m x 4m, 200t SWL
Crane	1 x 3t, 9m
Deck Voltage & Sockets	2 x 415V, 2 x 220V

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Water Maker	1 x 5m <sup>3</sup> osmosis
<b>LIFESAVING</b>	
Liferafts	6 x 25 man
Lifejackets	60 SOLAS approved
FRC/Davit	FRC Noreq FRB 650, (15 Persons)/Davit NPDS3500H
Lifebuoys	8
Immersion Suits	45
<b>SPECIALIST</b>	
DP Class	Class 1, Marine Technology
DGPS	1
Dispersant Booms	2 x 6m