



**MMA**  
**OFFSHORE**

Endeavour Shed, 1 Mews Road  
FREMANTLE WA 6160  
T: +61 8 9431 7431  
F: +61 8 9431 7432  
[www.mmaoffshore.com](http://www.mmaoffshore.com)

# MERMAID RANGER

AHT



<b>PARTICULARS</b>	
Vessel Type	Anchor Handling Tug
IMO Number	9439278
Port of Registry	Dampier
Year Built	2007
Classification	ABS + Hull + Mach, Unrestricted Navigation, Tug
<b>DETAILS</b>	
Length Overall	40m
Breadth	11.8m
GRT-NRT	499/149
Depth Moulded	4.6m
Maximum draft	3.8m
Clear deck Space	150m <sup>2</sup>
Deck loading	5t/m <sup>2</sup>
Max Speed	12knots
Bollard Pull	50.85T
Sewage Plant	MARPOL compliant, Disch Pipe
Rudders	2
Joystick	No
Flow Meter	No
<b>CAPACITY</b>	
Fuel Oil	350m <sup>3</sup>
Potable Water	160m <sup>3</sup>
Sewage Holding Tank	9.3m <sup>3</sup>
Foam	7.8m <sup>3</sup>

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<b>MACHINERY</b>	
Main Engines	2 x Caterpillar 3512 @ 1600rpm, Total 3872BHP
Generators	2 x Caterpillar 3406C @ 200kW 415v 50Hz
Bow Thruster	HRP 3001TT 220kW
Propulsion	Fixed pitch in Kort Nozzles
<b>ACCOMMODATION</b>	
Berths	2x1, 2x2, 1x4, 2x4
Total	18
<b>FIRE FIGHTING</b>	
Monitors	2 monitors @ 600m <sup>3</sup> /hr
Pumps	1,200m <sup>3</sup> /hr
<b>DECK EQUIPMENT</b>	
<b>Towing Winch</b>	
Type	Waterfall double drums
Pull	50t
Brake Holding	120t
Wire Capacity	1000m x 48mm
<b>Anchor Handling Winch</b>	
Type	Waterfall double drum
Pull	50t
Brake Holding	120t
Wire Capacity	1000m x 48mm
<b>Tugger Winch</b>	
Number & Capacity	2 units, 5t 1st layer
Wire Capacity	100m x 26mm
<b>Other Deck Equipment</b>	
Towing Pins	Hydraulic type 100t SWL
Shark Jaws	Hydraulic type 100t SWL
Stern Roller	1.45 x 3.5m SWL, 150t
Crane	2t @ 6m
<b>LIFESAVING</b>	
Liferafts	4 x 18 man
Lifejackets	28
Lifebuoys	8
Rescue Boat	Narwhal SV420