MMA OFFSHORE

About the vessel

The Mermaid Sound was purpose built to be an offtake support vessel. With its diesel electric propulsion, 70t bollard pull the vessel is one of MMA's strongest performing Azimuth Stern Drive AHT vessels in the fleet.

The Mermaid Sound has been on continuous hire since its delivery in 2007 – providing FPSO offtake support services on the North West Shelf of Western Australia.

Mermaid Sound

Anchor Handling Tug

MMA OFFSHORE

General		Dimensions	
Official No	858332	LOA	49.95 m
Call Sign	VNW5974	Breadth - moulded	13.4 m
IMO No	9374935	Depth - moulded	6.25 m
Year Built	2007	Draft	4.89 m
Port of Registry	Dampier	GRT	1,311 T
Flag	Australia	NRT	393 T
Class	American Bureau of Shipping	Deadweight	1,200 T
Notation	A1, Offshore Support Vessel, AMS, ACCU	Free Deck Area	170 m²
		Deck Strength	5 T/m²

Contact MMA Offshore

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Mermaid Sound

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Performance

BHP	BHP	7,647.9
Speed - Maximum	Knots	13
Speed - Economical	Knots	10
Bollard Pull	T	70

Tank Capacity

Fuel Oil	m^3	444
Fresh Water	m^3	471
Foam	m^3	1.2
Ballast Water	m^3	435.33

Discharge Rates

Fuel Oil	100 m^3 @ 50 m head
Fresh Water	120 m^3 @ 100 m head
Ballast / Drill Water	80 m^3 @ 20 m head
Potable Water	100 m^3 @ 50 m head
Dry Bulk	NA
Liquid Mud / Brine	NA
Dispersant	NA

Machinery / Propulsion

Main Engines	3 x 1,800 kW Caterpillar 3516B Diesel Electric
Bow Thruster	1 x 550 kW Schottel STT2
Harbour Generator	1 x 189 kW Caterpillar CP9
Generator	NA
Emergency Generator	1 x 40 kW Caterpillar Generator
Propulsion	2 x 2,000 kW Schottel SRP 1515 FP

Deck Equipment

Crane	NA
Capstan	2 x 8 tonne Plimsoll
Towing Winch	1 x Plimsoll Double Drum Waterfall - Upper Drum
Capacity	82.3 T
Wire Capacity	52 mm x 1000 m
Brake Holding	150 T
Anchor Handling Winch	1 x Plimsoll Double Drum Waterfall - Lower Drum
Capacity	82.5 T
Wire Capacity	52 mm x 1,000 m
Brake Holding	150 T
Shark Jaw	1 x 150 tonne Karmoy
Towing Pin	2 x 150 tonne Karmoy
Tugger Winch	1 x 15 tonne Plimsoll with 10 tonne pull line
Wire Capacity	22 mm x 200 m
Brake Holding	20 T
Bow Winch	1 x Plimsoll Single Drum
Capacity	50 T
Wire Capacity	52 mm x 800 m; 72 mm x 1000 m
Brake Holding	150 T
Stern Roller	Cargotec 3 m x 1.5 m (130 tonne capacity)
Deck Voltage & Sockets - Quantity & Voltage	3 x 440 V x 32 A

Fire Fighting Equipment

Fire Monitor	2
Total Capacity	2 x 600 m^3/hr = 1,200 m^3/hr
Fire Pump	1
Total Capacity	120 m^3/hr

Rescue Equipment

FRC	1 x 15 person NorMar 650 FRC
Rescue Zone	Yes
Dacon Scoop - Quantity	NA

Dynamic Positioning

DP Model	NA
DGPS - Quantity	NA
Joystick	Schottel, Masterstick

Accommodation

	Qty
Cabin (4 Berth)	2
Cabin (2 Berth)	2
Cabin (Single Berth)	10
Total Accommodation	22 Pax

Communication Equipment

	Qty
Navtex Receiver	1
AIS	1
Watch Alarm	NA
SSB	1
Intercom	1
Inmarsat-C	2
EPIRB	2
GMDSS VHF Radio (MF/HF)	2 x VHF, 1 x MF/HF
GMDSS Handheld VHF	3

Navigation Equipment

	Qty
Magnetic Compass	1
Gyro Compass c/w Autopilot	1 x Gyro (incl 2 x repeaters), 1 x Autopilot
GPS Navigator	1
Radar	2
Speed Log	1

Specialist Equipment

Bow Fendering	Cylindrical rubber fendering
Pilot Disembarkation Stations	2
Daughter Craft	NA
Oil Dispersant Boom	2
Sewage Treatment Unit	1 (MARPOL Compliant 20 persons)
Water Maker	5 m^3/day

TRANSFORMING THE WAY MARINE SERVICES ARE DELIVERED

Note - vessels can be modified to meet specific charter requirements. MMA encourages clients to contact the vessel operations team to confirm vessel particulars are accurate.