



MERMAID SOUND

AZIMUTH/AHT/OSV



PARTICULARS	
Vessel Type	Offtake Support Vessel
IMO Number	9374935
Port of Registry	Dampier
Year Built	2007
Classification	BV 1 + Hull + Mach + AUT/UMS + Clean Ship 3, Unrestricted Navigation, Tug, Supply
DETAILS	
Length Overall	49.95m
Breadth	13.4m
GRT-NRT	1311/393
Deadweight	781
Depth Moulded	6.25m
Maximum draft	5.2m
Clear deck Space	200m ²
Deck loading	5t/m ²
Max Speed	13knots
Economical speed	10knots
Bollard Pull tonnes	70 ahead, 67 astern
Sewage Plant	MARPOL compliant 20 persons
Joystick	Schottel
Flow Meter	Nitto Seiki
CAPACITY	
Fuel Oil	497m ³
Potable Water	395m ³
Sewage	14.7m ³
PUMPING RATES	
Fuel Oil	100m ³ @ 50m head
Potable Water	100m ³ @ 50m head

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AHT

MACHINERY	
Main Engines	3 x 1825kW 60Hz Caterpillar 3516B
Harbour Generator	1 x Caterpillar CAT 3056 99kW 440V
Emergency Generators	1 x Caterpillar C4, 52kW 440V
Bow Thruster	1 x 550kW approx 7.5T transfer thrust
Propulsion	2 x 2000kW diesel electric propulsion, azimuthing stern drive
ACCOMODATION	
Berths	10x1, 2x2, 2x4
Total	22
FIRE FIGHTING	
Class	1/2
Monitors	1,200m ³ /h
Pumps	1,300m ³ /h
DECK EQUIPMENT	
Towing Winch	
Type	Double drum waterfall - upper drum
Pull	82.3t
Brake Holding	150t
Wire Capacity	1000m x 52mm
Bow Winch	
Type	Single drum
Pull	50t
Brake Holding	150t
Wire Capacity	800m x 52mm, 1000m x 72mm
Anchor Handling Winch	
Type	Double drum waterfall (lower deck)
Pull	82.5t
Brake Holding	150t
Wire Capacity	1000 mx 52mm
Tugger Winch	
Number & Capacity	10t
Wire Capacity	200m x 22mm
Other Deck Equipment	
Towing Pins	2 x 150t Karmoy
Shark Jaws	1 x 150t Karmoy
Stern Roller	130t SWL, 3.0m x 1.5m dia
Deck Voltage & Sockets	3 x 440V x 32 amp
Water Maker	5000l/day
LIFESAVING	
Liferafts	4 x 25 man inflatable
Lifejackets	48
FRC/Rescue Boat/Davit	SOLAS fast rescue boat and davit
Lifebuoys	8

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SPECIALIST	
Rescue Zone	Fitted
Dispersant Booms	2 fitted