



MERMAID RELIANCE

AHT



PARTICULARS	
Vessel Type	Anchor Handling Tug
IMO Number	9573971
Port of Registry	Singapore
Year Built	2010
Classification	A1, Towing Vessel, AH, Offshore Support Vessel, AMS
DETAILS	
Length Overall	50.00m
Breadth	13.20m
GRT-NRT	1092/327
Deadweight	800 MT
Depth Moulded	5.20m
Maximum draft	4.50m
Clear deck Space	250m ²
Max Speed	12.5kts
Economical speed	11kts
Bollard Pull tonnes	68.6T
CAPACITY	
Fuel Oil	590m ³
Fresh Water	215m ³
Ballast Water	150m ³
MACHINERY	
Main Engines	2 x Caterpillar 3516B, each 2609
Gear Box	Suit CAT engine as above
Propeller	BERG propulsion 2 controllable pitch propellers, KA-4 type, manganese bronze
Generators	3 x 350kw Cummins 415V/3/50
Bow Thruster	5 MT thrust, Kamewa thruster
Towing/Anchor	Double drum waterfall winch, each drum

MERMAID RELIANCE



AHT

Handling Winch	SWL 150T @ 6m/min, 1 st layer.
Wire Ropes	Capacity: 2 x 56mm x 1250m long
In use	1 x 58mm dia x 840m (towing wire)
	1 x 56mm dia x 1250m (working wire)
	1 x 56mm x 1000m (spare tow wire)
Shackles and Bridles	Assorted from SWL 50MT to 200MT
Tugger Winches	2 x 10T @ 10m/min, brake holding 25 tons
Capstan	1 x 5T @ 10m/min
Towing Pins	200T SWL 2 Off
Shark Jaw	200T, triplex shark jaw
Stern Roller	4m x 1.5m
Electro-hydraulic telescopic deck crane	2 tons @ 10m
ACCOMMODATION	
Berths	4x1, 3x2, 5x4
Total	30
FIRE FIGHTING	
Class	1
Monitors	2
Capacity	2400m ³ /hr capacity
Foam	2000 ltrs foam tank
Oil Dispersant	Oil dispersant boom P&S