



About the vessel

The MMA Monarch operates predominately for our clients in the South East Asia region and has a strong track record operating in Malaysia. The vessel is an ideal asset for anchor handling scopes, ocean towing and general supply requirements.

The vessel's dynamic positioning provides ideal manoeuvrability for working alongside offshore facilities and its cargo capacity provides reliable supply support.

MMA Monarch

Anchor Handling Tug Supply



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General		Dimensions	
Official No	900029	LOA	75.4 m
Call Sign	9WNB4	Breadth - moulded	16.8 m
IMO No	9494888	Depth - moulded	7.5 m
Year Built	2010	Draft	5 m
Port of Registry	Labuan	GRT	2,952 T
Flag	Malaysia	NRT	885 T
Class	American Bureau of Shipping	Deadweight	2,193 T
Notation	✱A1, Towing Vessel, Fire Fighting Vessel Class 1, Offshore Support Vessel AH, (E), ✱AMS, ✱ACCU, ✱DPS-2, BP 157.12 tonne	Free Deck Area	515 m ²
		Deck Strength	7.5 T/m ²

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Performance			
BHP	BHP		12,069
Speed - Maximum	Knots		14.8
Speed - Economical	Knots		12
Bollard Pull	T		157.12

Tank Capacity			
Fuel Oil	m ³		1,263
Fresh Water	m ³		430
Potable Water	m ³	430 (same as FW)	
Foam	m ³		7.5
Ballast Water	m ³		431
Liquid Mud	m ³		516
Cement	m ³		226
Dispersant	m ³		7.5
Dry Bulk	m ³	(refer to cement)	

Discharge Rates			
Fuel Oil	1 x 200 m ³ /hr @ 90 m head		
Fresh Water	1 x 150 m ³ /hr @ 90 m head		
Ballast / Drill Water	1 x 200 m ³ /hr @ 90 m head		
Potable Water	1 x 150 m ³ /hr @ 90 m head		
Dry Bulk	2 x 20 m ³ /hr @ 5.5 bar		
Liquid Mud / Brine	2 x 75 m ³ /hr @ 90 m head		

Machinery / Propulsion			
Main Engines	2 x Wartsila 9L32, 4,500 kW		
Bow Thruster	2 x 600 kW		
Stern Thruster	1 x 600 kW		
Generators	2 x 410 kW Caterpillar		
Emergency Generator	1 x 76 kW @ 1,800 rpm		
Propulsion	2 x CPP		

Deck Equipment			
Crane	North Pacific MCT 1040 (2.2 T @ 12.2 m, 5.9 T @ 6m)		
Capstan	2 x 10 tonne Electro Hydraulic Brattvaag CM4110		
Towing Winch	1 x Rolls Royce Brattvaag SL300W / BSL300W Waterfall		
Capacity	300 T @ 15 m/min		
Wire Capacity	76 mm x 2000 m		
Brake Holding	450 T		
Anchor Handling Winch	1 x Brattvaag SL300W / BSL300W		
Capacity	300 T @ 15 m/min		
Wire Capacity	73 mm x 2000 m		
Brake Holding	450 T		
Shark Jaw	2 x 650 tonne Karmoy		
Towing Pin	2 x 300 tonne Karmoy		
Tugger Winch	2 x 10 tonne Hydraulic		
Wire Capacity	22 mm x 200 m		
Brake Holding	15 T		
Stern Roller	4.5 m x 2.3 m (500 tonne capacity)		
Deck Voltage & Sockets - Quantity & Voltage	2 x 440 V, 4 x 230 V		

Rescue & Fire Fighting			
FRC	1 x 6 person Narwhal		
FiFi Class	SV-480 RB Class 1		

Dynamic Positioning			
DP - System	DP-2		
DGPS - Quantity	2		
Fanbeam - Quantity	1 x Fanbeam		

Accommodation			
Cabin (6 Berth)	Qty		4
Cabin (2 Berth)			8
Cabin (Single Berth)			10
Total Accommodation			50 Pax

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

Navigation Equipment			
Magnetic Compass	Qty		1
Gyro Compass c/w Autopilot			1
GPS Navigator			1
Radar			1
Speed Log			1

Other Equipment			
Water Maker			10 m ³ /day