



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.

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MMA Monarch

Anchor Handling Tug Supply



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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A PERFECT DAY EVERY DAY



MMA Monarch

Anchor Handling Tug Supply



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 Propulsion	1 x 76 ekW @1,800 rpm 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 SV-480 RB	
Fifi Class	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)	Qty	8
Cabin (Single Berth)	Qty	10
Total Accommodation	Qty	50 Pax

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

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

Other Equipment		
Water Maker	Qty	10 m ³ /day

TRANSFORMING THE WAY MARINE SERVICES ARE DELIVERED