

With a render recovery winch installed on its bow the vessel has a bollard pull of just over 65 tonnes. MMA undertook the bespoke modification in 2015 after we identified an opportunity to innovate our client's marine activities in the Timor Sea.

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# MMA Inscription

### Platform Supply Vessel



General	Dimensions		
Official No	398421	LOA	87.07 m
Call Sign	9V2023	Breadth - moulded	18.8 m
IMO No	9668245	Depth - moulded	7.4 m
Year Built	2012	Draft	5.9 m
Port of Registry	Singapore	GRT	3,708 T
Flag	Singapore	NRT	1,257 T
Class	American Bureau of Shipping	Deadweight	4,849 T
	<b></b> A1, Fire Fighting Vessel	Free Deck Area	1,000 m <sup>2</sup>
Notation Class 1, Offshore Support Vessel, (E), *AMS, *DPS-2	Deck Strength	5 T/m <sup>2</sup>	

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## Platform Supply Vessel



Performance		
BHP	BHP	NA
Speed - Maximum	Knots	14
Speed - Economical	Knots	11
Bollard Pull	Т	65.56

Tank Capacity		
Fuel Oil	m³	1,097.14
Fresh Water	m³	1,660
Sewage	m³	67.21
Foam	m³	NA
Ballast Water	m³	1,832.23
Liquid Mud	m³	682
Cement	m³	400
Dispersant	m³	NA
Dry Bulk	m³	400.7
Methanol	m³	392.65
Glycol	m³	682
Brine	m³	682
Drill Water	m³	1,832
Base Oil	m³	682

Discharge Rates	
Fuel Oil	2 x 150 m <sup>3</sup> /hr @ 60 m head
Fresh Water	2 x 150 m <sup>3</sup> /hr @ 60 m head
Ballast / Drill Water	2 x 150 m <sup>3</sup> /hr @ 60 m head
Dry Bulk	2 x 60 m <sup>3</sup> /hr @ 6 bar
Liquid Mud / Brine	2 x 75 m <sup>3</sup> /hr @ 60 m head
Glycol	150 m <sup>3</sup> /hr @ 60 m head
Base Oil	1 x 150 m <sup>3</sup> /hr @ 60 m head
Methanol	2 x 75 m <sup>3</sup> /hr @ 60 m head

Machinery / Propulsion	
	Discal sleatuis maferate
Main Engine	Diesel electric - refer to generators
Bow Thruster	1 x 910 kW Tunnel Type
Stern Thruster	1 x 800 kW Azimuth Retractable
Generator	4 x 1,900 kW, Cummins QSK60-D(M)
Emergency Generator	1 x 350 kW
Propulsion	2 x 2,000 kW, Rolls Royce Azimuth
Nitrogen Generator	1 x 11 Nm³/h
Deck Equipment	
	4 Harton Pa Olas Lan
Crane	1 x Hydraulic Slewing Crane (2.5 T @ 10 m)
Capstan	2 x 10 tonne
Tugger Winch	2 x 10 tonne SCM Electric Winch
Wire Capacity	30 mm x 200 m
Brake Holding	30 T
Bow Winch	1 x DMT Asymmetric Escot Towing Winch
Rescue & Fire Fighting	
FRC Type	15 x person Noreq 650 FRC
Dacon Scoop	NA NA

FiFi Class

Fire Pump

Fire Monitor

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

Dynamic Positioning	
DP	Kongsberg DPS 22
DGPS - Quantity	2
DGPS - Signals	Ausat, Pasat
HIPAP - Type	NA
Laser - Type	1 x SpotTrack
Joystick - Type	сЈоу
Fanbeam - Quantity	NA - (Radius 1000/ Radius 700X/550X trans)

Accommodation	
	Qty
Cabin (3 Berth)	4
Cabin (2 Berth)	10
Cabin (Single Berth)	15
Total Accommodation	47 Pax
Conference Room	1
Office	1
Day Room	1
Hospital	1

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

Navigation Equipment	
Magnetic Compass	Qty 1
Gyro Compass c/w Autopilot	3 x Gyro, 1 x SIMRAD Ap50 Autopilot
GPS Navigator	1
Radar	2
Speed Log	1
ECDIS	NA

Other Equipment	
Sewage Treatment Unit	1
Water Maker - Capacity	12,000 litres/day
Waste Compactor - Quantity	NA



Class 1 2 x 1200 m<sup>3</sup>/hr = 2,400 m<sup>3</sup>/hr

 $2 \times 65 \text{ m}^3/\text{hr} =$ 

130 m<sup>3</sup>/hr