



About the vessel

The MMA Leeuwin has been a high performing marine asset for Cyan, operating predominately on the North West Shelf of Western Australia. The vessel was contracted to Woodside consistently over a five-year period from its delivery in 2013 and is now supporting various Australian based operators.

Designed by VARD and constructed in the ASL Shipyard Singapore, the Leeuwin features all the quality European elements and technology that is synonymous with a VARD vessel.

MMA Leeuwin

Platform Supply Vessel



General		Dimensions	
Official No	398418	LOA	82.2 m
Call Sign	9V7573	Breadth - moulded	17 m
IMO No	9674658	Depth - moulded	7.6 m
Year Built	2013	Draft	6.4 m
Port of Registry	Singapore	GRT	3,464 T
Flag	Singapore	NRT	1,435 T
Class	Det Norske Veritas - Germanischer Lloyd	Deadweight	4,000 T
Notation	✱1A1 Fire fighter(I) Clean(Design) COMF(V-3) DK(V-3) DK(+) DYNPOS(AUTR) E0 HL(2.8) LFL(*) OILREC SF	Free Deck Area	810 m ²
		Deck Strength	~355m ² @ 10t/m ² ~ 455m ² @ 5t/m ²

Contact Cyan Renewables

Australia

Perth Office

Level 10
12-14 The Esplanade
Perth WA 6000

Ph: +61 8 9431 7431

South East Asia

Singapore Office

9 Raffles Place, #15-02
Republic Plaza
Singapore 048619

Ph: +65 6265 1010

United Kingdom

Aberdeen Office

Ground Floor, The Exchange 1
62 Market Street
Aberdeen
United Kingdom, AB11 5PJ

Ph: +44 1224 659950

cyanrenewables.com

A Perfect Day Every Day



MMA Leeuwin

Platform Supply Vessel



Performance

BHP	BHP	NA
Speed - Maximum	Knots	11.5
Speed - Economical	Knots	9

Tank Capacity

Fuel Oil	m ³	979.3
Fresh Water	m ³	1,066.3
Sewage	m ³	19.2
Foam	m ³	3.5
Ballast Water	m ³	1,740.5
Liquid Mud	m ³	977.5
Cement	m ³	341.8
Dispersant	m ³	NA
Dry Bulk	m ³	(refer to cement)
Methanol	m ³	104.6
Glycol	m ³	977.5
Brine	m ³	977.5
Drill Water	m ³	1,740.5
Base Oil	m ³	254.9
Roll Reduction Tank		186.6 (Tk. 58 aft of bridge)

Discharge Rates

Fuel Oil	2 x 150 m ³ /hr @ 90 m head
Fresh Water	2 x 150 m ³ /hr @ 90 m head
Ballast / Drill Water	2 x 150 m ³ /hr @ 90 m head
Dry Bulk	2 x 60 m ³ /hr @ 5.5 bar
Liquid Mud / Brine	2 x 75 m ³ /hr @ 90 m head
Glycol	1 x 75 m ³ /hr @ 90 m head
Base Oil	1 x 50 m ³ /hr @ 90 m head
Methanol	2 x 50 m ³ /hr @ 90 m head

Machinery / Propulsion

Main Engine	Refer to generators
Bow Thruster	2 x 880 kW, Burnroll type FU-74-LTC-2000
Stern Thruster	NA
Generator	4 x 1,291 kW, Cummins KTA 50 DM1 @ 1,800 rpm
Emergency Generator	1 x 100 kW, Cummins 6CT8.3DM @ 1,800 rpm
Propulsion	2 x 1,600 kw, fixed pitch schottel twin
Nitrogen Generator	20 x 18.2kg independent bottles

Deck Equipment

Crane	2 x Hydraulic electric cylinder luffing jib crane (1 x 2 T @ 10 m & 1 x 3 T @ 10 m)
Capstan	2 x 8 tonne Norwegian Deck machinery AS electric
Tugger Winch	2 x 10 tonne Norwegian Deck machinery AS electric
Wire Capacity	19 mm x 250 m
Brake Holding	30 T
Bow Winch	NA

Rescue & Fire Fighting

FRC Type	1 x 15 person Noreq 650 FRC
Dacon Scoop	NA
FiFi Class	Class 1
Fire Monitor	2 x 3,500 m ³ /h 2 x 36 m ³ /h = 72 m ³ /h (primary), 1 x 29 m ³ /h (emg)
Fire Pump	

Dynamic Positioning

DP	Kongsberg K-Pos DP2
DGPS - Quantity	2
DGPS - Signals	Spotbeam
HIPAP - Type	NA
Laser - Type	CyScan Mk 4
Joystick - Type	Kongsberg Portable joystick TC
Fanbeam - Quantity	Fitted

Accommodation

Cabin (3 Berth)	Qty NA
Cabin (2 Berth)	11
Cabin (Single Berth)	6
Total Accommodation	28 pax
Conference Room	NA
Office	1
Day Room	2
Hospital	1

Communication Equipment

Navtex Receiver - Quantity	Qty 1
AIS	1
Watch Alarm	1
SSB	1
Intercom	1
Inmarsat-C	2
EPIRB	2
GMDSS VHF Radio (MF/HF)	4 x VHF, 1 x MF/HF
GMDSS Handheld VHF	3
VSAT	1

Navigation Equipment

Magnetic Compass	Qty 1
Gyro Compass c/w Autopilot	3 x gyro, 1 x autopilot
GPS Navigator	2
Radar	2
Speed Log	1
ECDIS	2

Other Equipment

Sewage Treatment Unit	1 MARPOL Compliant
Water Maker - Capacity	12,000 litres/day
Waste Compactor - Quantity	1