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# MERMAID LEEUWIN

## PLATFORM SUPPLY VESSEL



PARTICULARS	
Vessel Type	Platform Supply Vessel
IMO Number	9674658
Port of Registry	Singapore
Year Built	2013
Classification	DNV 1A1, SF, E0, DYNPOS-AUTR, DK(+), HL(2.8), Clean Design, Naut-OSV, Comf-V3, LFL*, OilRec, FiFi 1
DETAILS	
Length Overall	82.2m
Breadth	17.4m
Beam	17.0m
GRT-NRT	3464/1435
Deadweight	4000t at draught 6.3m midship
Depth Main deck Midship	7.6m
Maximum draft	6.3m
BHP	6434
Cargo deck area	810m <sup>2</sup>
Deck loading	10E/5E/m <sup>2</sup>
Max Speed	14 knots
Bollard Pull	N/A
Sewage Plant	MARPOL compliant
Joystick	1 x portable joystick TC
Flow Meter	Fitted
CAPACITY	
Fuel oil	979.3m <sup>3</sup>
Water ballast	1740.5m <sup>3</sup>
Drill water	1740.5m <sup>3</sup>
Dry Bulk tanks	341.8m <sup>3</sup> , 6 tanks
Fresh water	1066.3m <sup>3</sup>
Liquid mud	977.5m <sup>3</sup>

## PSV

Brine	977.5m <sup>3</sup>
Base oil	254.9m <sup>3</sup>
Glycol	977.5m <sup>3</sup>
Methanol	104.6m <sup>3</sup>
<b>PUMPING RATES</b>	
Fuel Oil	2 x F/O cargo pumps discharge rate per pump 150m <sup>3</sup> /hr at 90m head
Drill water	2 x D/W pumps discharge rate per pump 150m <sup>3</sup> /hr at 90m head
Dry bulk	25.4m <sup>3</sup> /min +- 4%
Fresh water	2 x F/W cargo pumps discharge rate per pump 150m <sup>3</sup> /hr at 90m head
Liquid mud	2 x LM pumps discharge rate per pump 75m <sup>3</sup> /hr at 90m head
Brine	Pump 75m <sup>3</sup> /hr at 90m head
Base oil	Pump 50m <sup>3</sup> /hr at 90m head
Glycol	Pump 75m <sup>3</sup> /hr at 90m head
Methanol	2 x methanol pumps discharge rate per pump 50m <sup>3</sup> /hr at 90m head
<b>MACHINERY</b>	
Generators	Cummins KTA 50 DM1, 4 x 1200ekW @ 1800 RPM
Emergency Generators	1 x Cummins 6CT8.3DM, 100KW @ 1800 RPM
Bow Thruster	2 x Brunvoll type FU-74-LTC-2000 880kW, 1190 RPM
Propulsion	2 x 1600kW, 2 x fixed pitch azimuth thrusters
<b>ACCOMMODATION</b>	
Berths	6 x 1 man, 11 x 2 man Hospital / gymnasium / office
Total	28 persons
<b>DECK EQUIPMENT</b>	
<b>Tugger Winch</b>	
Number & Capacity	2 x 10T
<b>Cargo Securing Winches/Rollers</b>	
Type	10 x 200mm diameter rollers
<b>Other Deck Equipment</b>	
Crane	2 x hydraulic electric cylinder luffing jib cranes, 1 x 2 tonne and 10m reach, 1 x 3 tonne at 10m reach
Deck Voltage & Sockets	8 x 32 AMP reefer sockets
<b>LIFESAVING</b>	
Life rafts	6 x 16 person life rafts
Rescue Boat/Davit	1 x Noreq FRB 650, 15 person plus Davit
Immersion Suits	34
<b>FIRE FIGHTING</b>	
Class FiFi	1
Extinguishers	Powder, foam and CO <sub>2</sub>
Fire hoses	Adjacent to each of the hydrants, a 2" x 15m fire hose.

# MERMAID LEEUWIN



PSV

<b>SPECIALIST</b>	
DP Class	DP2
DGPS	2
Fanbeam/Cysan	Fitted