

# A.M.S. SHINE

28m 1500bhp Shallow Draft Workboat (OVID Compliant)



## GENERAL DATA

<b>Registry/Delivery</b>	Australia / December 2012
<b>Official Number</b>	860900
<b>Callsign</b>	VJN4416
<b>IMO Number</b>	9648219
<b>Length</b>	28.00 m
<b>Breadth</b>	11.00 m
<b>Depth Moulded</b>	3.25 m
<b>Designed Draft</b>	2.275 m
<b>Classification</b>	ABS+A1(E), Towing Vessel, +AMS
<b>GRT/NRT</b>	247/74 Tons
<b>FO/FW Tank</b>	141.20 m <sup>3</sup> / 53.70 m <sup>3</sup>
<b>Total Deck Space</b>	Approx. 110m <sup>2</sup>
<b>Free Run Speed</b>	Approx. 10 knots
<b>Bollard Pull</b>	19 tons

## ENGINE ROOM

Fuel Oil Transfer Pump - 25 m<sup>3</sup>/hr  
Sewage Treatment Plant w/ Holding Tank  
Blower fan - 2 x 19" for Engine Room  
Fitted with SOLAS/Class Approved Co2 Fire Suppression System

## MAIN ENGINES / GENERATORS

<b>Main Engine</b>	2 x Caterpillar C32 ACERT - 750bhp @ 1800rpm
<b>Gear Box</b>	Twindisc MGX5222 Ratio 4.59:1
<b>Generator</b>	2 x Caterpillar C6.6 ACERT 125ekW @1500rpm/50Hz/3OH/415V/p.f.0.8 (IMOT1)
<b>Propeller</b>	2 x Fixed Pitched 4 blade (1400mm) with Kort Nozzles

## DECK MACHINERY

<b>2 x Anchor Windlass</b>	Electrical hydraulic anchor windlass having capacity 2.0 tons @ 10m/min Single gypsy suitable for 19mm dia. Stud link chain, 2 x 300kg Stockless Anchors
<b>2 x Crane</b>	FASSI F1100RAFM 2.24 He-Dynamic Knuckle Boom Crane (Bow & Aft), Max 25 ton @ 3.5m, Min 8 ton @ 11.25m, Individual Hand-held Remote Control
<b>Fork Towing Pin</b>	Hydraulic Self Lifting FTP 35T WLL; Local & Remote Control
<b>Towing Hook</b>	Towing Hook 30 ton WLL with hydraulic emergency release
<b>Towing Winch</b>	1 x ME S'pore 25 ton Single Drum Winch with 50 ton Brake holding capacity ; Local, Remote & Pendant Control
<b>Towing Wire</b>	32mm dia. x 400m (6x36) IWRC EEIPS RHRL Galvanized Wire Rope
<b>A-Frame/Rollers</b>	Class Approved Anchor Handling A-Frame
<b>Rollers</b>	Bow & Stern Rollers Fitted
<b>Controls</b>	Wheelhouse & Steering Gear Control - Fore & Aft

\*Particulars given herein are without warranty as to accuracy and interested parties must satisfy themselves by inspection or other means of detail of the vessel\*

## NAVIGATION / COMMUNICATION EQUIPMENT

<b>Radar</b>	Furuno FR 8062
<b>VHF</b>	Furuno Make
<b>GMDSS Inmarsat C Sys.</b>	Furuno A1+A2+A3
<b>SSB Radio</b>	Furuno Make
<b>GPS Navigator</b>	Furuno GP-150
<b>GPS Chart Plotter</b>	Lowrance HDS-10
<b>Magnetic Compass</b>	DAIKO SR-150PK
<b>Speed Log</b>	Furuno Make
<b>Universal AIS</b>	Furuno FA-150
<b>Echo Sounder</b>	Furuno FE-700
<b>Navtex Receiver</b>	Furuno NX-700
<b>PA System</b>	Huayuan
<b>Intercom</b>	Huayuan
<b>Wind Speedometer</b>	Furuno FI-50
<b>Facsimile Receiver</b>	Furuno Fax-400

## ACCOMMODATION / LIVE-SAVING & FIRE FIGHTING EQUIPMENT

<b>Accommodation</b>	1 x 1 man (Captain); 1 x 2 men; 2 x 4 men
<b>Life rafts</b>	2 x 15 men SOLAS (Bridge & Main Deck)
<b>EPIRB</b>	McMurdo E5 Smartfind 406
<b>SART</b>	McMurdo S4 Rescue SART
	Pyrotechnics, Life-buoys, Various Fire Extinguishers. Co2 Suppression System, Fireman's Outfit & BA Set Fitted to Statutory Req. of S'pore Non-convention Vessels, SOLAS & Australian regulations



## AUSTRALIA MARINE SERVICES PTY LTD T/A A.M.S. Tugs & Barges

Owner/Operator of Barges & Offshore Vessels

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