

A.M.S. ORION

16m 1200bhp DAMEN Stan Tug



GENERAL DATA

Registry	Australia
Delivery	2011
Official No.	860461
Callsign	VJN4468
Home Port	Dampier, WA
Length	16.56 m
Beam	5.54 m
Depth at sides	2.54 m
Draft Aft	2.23 m
Displacement	91 tons
Classification	Bureau Veritas I + Mach Tug Coastal Area

TANK CAPACITIES

Fuel Oil	14.2 m ³
Fresh Water	1.1 m ³
Sewage	0.7 m ³
Sludge/Bilge Water	0.5 m ³

PERFORMANCE

Bollard Pull	16.7 tons
Speed	11.1 knots

DECK EQUIPMENT

Anchor	2 x 80kg Pool (HPP)
Bow Anchor Windlass	EMCE; Electrical 1 Anchor
Towing Hook	Mampaey disc type 250kN
Push Bow	Cylindrical rubber fender; 380mm
Deck Crane	Heila HLM 3-2S, 0.5T @ 6.9m
Coupling Winches	2 x manual 25mT holding power

NAVIGATION / COMMUNICATION EQUIPMENT

Radar	Furuno FR-8062
Magnetic Compass	Cassens & Plath Kotter Type
GPS	Furuno GP-32
VHF Radio Telephone	Sailor RT 2048
Echo Sounder	Furuno LS 6100
AIS	Furuno FA-150
GPS Chart Plotter	Lowrance HDS -10

ENGINE ROOM

Main Engines	2 x Caterpillar C18 TA / B
Total Power	896kW (1200bhp)@1800rpm
Gearboxes	2 x Reintjes WAF 264L 4.5:1
Propellers	2 x Kaplan II FPP
Nozzles	2 x 1350mm Van de Giessen "Optima" with st.st. innerings
Steering Gear	Powered hydraulic 2 x 45deg. w/ Rudder Indicator
Generator Sets	Caterpillar C2.2 NA, 230/400V, 20.3kVA, 50Hz
Bilge / GS Pump	Elec. Driven, Sterling SIHI WSI 5013, 15m ³ /hr
Fresh Water Heater	230V, 30 litres capacity
Ventilation Engine Room	SALOR HU-50; Mechanical
Alarm System	Eng., Gearbox + Bilge, Fire

LIFE SAVING EQUIPMENT / ACCOMMODATION

Life Raft	8 men DK + Solas Viking
Accommodation	4 Berths; Air-conditioned

All lifesaving equipment to adhere to Local State Marine Authorities/MPA S'pore Regulations

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

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

Owner/Operator of Barges & Offshore Vessels

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