



Owner / Operator of Barges & Offshore Vessels
 ABN NO: 80 072 693 639

A.M.S. Orion

16m 1200bhp Damen Stan Tug



GENERAL DATA

Registry : Singapore
 Delivery : Under Construction; Feb 2011
 Official No. : 396728
 Call Sign : 9V9170
 Length : 16.56M
 Beam : 5.54M
 Depth at sides : 2.54M
 Draft Aft : 2.23M
 Displacement : 91 tonnes
 Classification : Bureau Veritas I + Mach Tug Coastal Area

TANK CAPACITIES

Fuel Oil : 14.2M³
 Fresh Water : 1.1M³
 Sewage : 0.7M³
 Sludge/Bilge Water: 0.5M³

PERFORMANCE TRIALS

Bollard Pull : 16.4 tonnes
 Speed : 11.1 knots

LIFE SAVING EQUIPMENT/ACCOMMODATION

Anchor : 2 x 80kg Pool (HPP)
 25 ton Anchor Winch : 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 EQUIPT.

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

ENGINE ROOM

Main Engines : 2 X Caterpillar C18 TA / B
 Total Power : 896bkW (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 VWSI 5013, 15 m³/hr
 Fresh Water Heater : 230V, 30 litres capacity
 Ventilation Engine Room : SALOR HU-50; Mechanical
 Alarm System : Eng., Gearbox + Bilge, Fire

DECK MACHINERY

Life raft : Zodiac 6 person Coastal
 Accommodation : 4 Berths; Air-conditioned
All Lifesaving Equipments to adhere to Local State Marine Authorities 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