



Type : **PUSHER HARBOUR TUGS**

Year Built : **2013**

Port of Registry : Singapore

Class : Lloyd's Register of Shipping
 * 100 A1 Tug * LMC UMS
 (Fire Fighting Capability)

Dimensions

Length Overall : 27.90m
 Breadth Moulded : 9.00m
 Draft Design : 3.80m
 Depth Moulded : 4.70m

Tonnage

Net tonnage : 73 T
 Gross tonnage : 246 T

Speed : 12 knots

Bollard pull : 45 tonnes

Capacity

Fuel : 110 m³
 Fresh water : 34 m³
 Foam : 5.6 m³
 Dispersant : 5.6 m³

Main engine

Niigata 6L26HLX
 - 2 X 1800 PS X 750 rpm

Propulsion

2 X Niigata ZP-21 fixed pitch propeller
 With steerable Azimuth thrusters

Generator

Cummins 6CT8.3 D(M)
 - 2 X 95kW, 380V, 3pH, 50Hz

Deck machinery

Anchor Winch / Windlass:
 - Plimsoll
 - Electro hydraulic driven
 Towing Winch:
 - Rated Pull: 50/25KN x 20/50m/min(1st layer)
 - Brake holding: 980KN (static, 1st layer)

Aft Towing Hook
 - SWL 45 tonnes

Navigational & Communication Equipment

Echo Sounder, EPIRB, GMDSS Radar Transponder,
 GMDSS VHF Radio, Magnetic Compass, VHF Radio,
 GPS Navigator, Navtex Receiver, SSB, Marine Radar.

Others: Oil Pollution Fighting System.

Fire Fighting System

- Engine driven Nijhuis model HGT1-250.500 pump.
 1,400 m³/hr x 140 at 2,000 RPM.
 - Gearbox with Dutch Kumera: 2FGEC-2280
 - 2 x SKUM fire monitor (600 m³/hr each)
 Throw Length: 100 m
 Throw Height: 45 m
 - 1 set foam mixing fitting
 - Self drenching system

Accommodation

10 persons

Builder

Keppel Nantong Shipyard Co. Ltd.

Owners

Keppel Smit Towage Pte Ltd

This vessel specification is given in good faith and assumed to be correct 01 August 2013



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