



Type : **PUSHER HARBOUR TUG**

Year Built
2005

Port of Registry
Singapore

Class
LRS
Lloyd's Register of Shipping ✕ 100 A1 Tug ✕
LMC Fire Fighting Capability

Capacity
Fuel : 110m³
Dispersant : 6.0m³
Fresh Water : 30m³
Foam : 6.0m³

Tonnage
Net Tonnage : 74 Tonne
Gross Tonnage : 248 Tonne

Speed : 12 knots

Bollard Pull : 45 T excess

Dimensions
Length Overall : 27 m
Breadth Moulded : 9.00 m
Draft Design : 3.8 m
Depth Moulded : 4.70 m

Main engines
Niigata 6L22HX
2 x1800bhp at 1,000 rpm

Propulsion
2 x Niigata ZP-21 fixed pitch propeller
with steerable Azimuth thrusters

Generator
Cummins 6CT8. 13 DM
2 x 95 kW, 380V, 3pH, 50Hz

Deck Machinery
Towing Winch/ Anchor windlass:
Plimsoll, electro hydraulic driven
Braking capacity 100 / 120 T

Aft Towing Winch:
Plimsoll, electro hydraulic driven
Braking capacity 100 / 120 T

Navigational & Communication Equipment
Echo Sounder, EPIRB, GMDSS Radar Transponder,
GMDSS VHF Radio, Magnetic Compass, GPS
Navigator, Marine Radar, Navtex Receiver, SSB,
VHF Radio

Fire-Fighting System
Engine driven Nijhuis model HGT1- 250.500 pump
2 x SKUM fire monitor (600 m³/hr each)
1 set Foam Mixing fitting
Self drenching system / water curtain system

Others
Oil Pollution Fighting System

Accommodation
10 persons

Builder
Keppel Singmarine Pte. Ltd.

This vessel specification is given in good faith and assumed to be correct. December 2010



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