



Type : **PUSHER HARBOUR TUG**

Year Built : 2006

Port of Registry : Singapore

Class
ABS, A1, AMS, Fire Fighting Capability and
Oil Pollution Control

Dimensions
Length Overall : 30.0 m
Breadth Moulded : 10.5 m
Draft Design : 4.2 m
Depth Moulded : 4.9 m

Tonnage
Net Tonnage : 100
Gross Tonnage : 335

Speed : 12 knots

Bollard Pull: : 54 Ton

Capacity
Fuel oil : 164.0 m³
Fresh water : 39.6 m³
Foam : 11.0 m³
Dispersant : 3.6 m³

Main Engines
Niigata 6L26HLX
2 x 2039 bhp at 750 rpm

Propulsion
2 x Niigata ZP-31 fixed pitch propeller with
steerable Azimuth thrusters

Generators
3 x Cummins, CSM x T5.9 - 2
83 kW, 380V, 3ph, 50Hz

Deck Machinery

Anchor windlass/ Towing Winch :
Plimsoll electro hydraulic driven
Braking capacity 120 T

Aft Towing Winch (with spooling device):
Plimsoll electro hydraulic driven
Braking capacity 120 T

Navigational & Communication Equipment Echo
Sounder, EPIRB, Marine Radar, SART, GMDSS
VHF Radio, GPS Navigator, WASS / GPS Plotter,
Magnetic Compass, AIS System, Satellite Compass
/ Auto Pilot, Navtex Receiver, SSB, VHF Radio.

Fire Fighting System

Engine driven Nijhuis model HGT1-250.500 pump
Capacity 1,400 m³/h
Gearbox with clutch Kumera : 2FGEC-2340
2 x SKUM fire monitor (600 m³/h each)
Throw Length: 100m
Throw Height: 45m
One Set Foam Mixing fitting
Self drenching system: Main Deck
Deck House
Wheel House

Others

Oil Pollution Fighting system

Accommodation

10 persons

Builder

Keppel Singmarine Pte. Ltd.

Owner

KSP Towage Sdn Bhd

This vessel specification is given in good faith and assumed to be correct on 01 July 2012



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GENERAL ARRANGEMENT

TUG NAME: KSP LEO

