



Type : **PUSHER HARBOUR TUG**

Year Built : 2006

Port of Registry : Port Kelang, Malaysia

Class
American Bureau of Singapore
⊗ A1 ⊗ AMS

Capacity
Fuel : 116m³
Fresh Water : 44m³
Foam : 6.6m³
Dispersant : 2.4m³

Tonnage
Net Tonnage : 73 T
Gross Tonnage : 246 T

Speed : 12 Knots

Bollard Pull : 45 T excess

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

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

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

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

Deck Machinery
Anchor winch / windlass:
Plimsoll, electro hydraulic driven
Braking capacity 110 T

Aft Towing Hook: SWL 45T

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

Fire-Fighting System
Engine driven Nijhuis model HGT1- 250.500 pump.
Gearbox with clutch Kumera: 2FGEC-2280
2 x SKUM fire monitor (600 m³/hr each)
Throw Length : 100m
Throw Height : 45m
1 set Foam Mixing fitting
Self drenching system

Accommodation
10 Persons

Others
Oil Pollution Fighting System

Builder
Keppel Phil. Marine Inc.

This vessel specification is given in good faith and assumed to be correct on 15 August 2017



KEPPEL SMIT TOWAGE PTE LTD



GENERAL ARRANGEMENT

TUG NAME: KSP SOLITAIRE

