



**Type** : **PUSHER HARBOUR TUG**

**Year Built** : 2006

**Port of Registry** : Port Kelang, Malaysia

**Class** : ABS  
✕ A1 ✕ AMS

**Capacity**

Fuel : 116m<sup>3</sup>  
Fresh Water : 44m<sup>3</sup>  
Foam : 6.6m<sup>3</sup>  
Dispersant : 2.4m<sup>3</sup>

**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 6L25HX  
2 x1800bhp at 1,000 rpm

**Generator**

Perkins 1006TWGN  
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 m<sup>3</sup>/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.

**Owner**

KSP Towage Sdn Bhd

*This vessel specification is given in good faith and assumed to be correct as at 03 July 2019*

## KSP TOWAGE SDN BHD (680765-U)

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# GENERAL ARRANGEMENT

TUG NAME: KSP SOLITAIRE

