



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

**Year Built** : 2014

**Port of Registry** : Singapore

**Class**  
American Bureau of Shipping  
+A1,+A2, € Towing Vessel,  
BP (50T), FFV 1, +AMS

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

**Tonnage**  
Net Tonnage : 109  
Gross Tonnage : 366

**Speed** : 12 knots

**Bollard Pull:** : 55 Ton

**Capacity**  
Fuel oil : 180.0 m<sup>3</sup>  
Fresh water : 40.0 m<sup>3</sup>  
Foam : 11.0 m<sup>3</sup>  
Dispersant : 3.6 m<sup>3</sup>

**Main Engines**  
Niigata 6L26HLX  
2 x 1520 KW bhp at 750 rpm

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

**Generators**  
3 x Cummins 6CTA8.3 – D(M)  
95 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**

FI-FI Class 1  
Engine driven SFP model SFP 300x400 XP pump  
Capacity 2,400 m<sup>3</sup>/h  
Gearbox with internal hydraulic wet multidisc clutch  
2 x FFS 1200/300LB fire monitor (1200 m<sup>3</sup>/h each)  
Throw Length: 120m  
Throw Height: 50m  
One Set Foam Mixing fitting  
Self drenching system: Main Deck  
Deck House  
Wheel House

**Others**

Oil Pollution Fighting system

**Accommodation**

12 persons

**Builder**

Keppel Nantong Shipyard Co., Ltd

**Owner**

Keppel Smit Towage Pte Ltd

*This vessel specification is given in good faith and assumed to be correct on 05 August 2014*



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# GENERAL ARRANGEMENT

TUG NAME: KSP VIRTUE

