



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

**Year Built** : 2009

**Port of Registry** : Singapore

**Class** : ABS ✕ A1 Towing Vessel (E) +AMS

**Dimensions**

Length Overall : 28.0 m  
 Breadth Moulded : 9.8 m  
 Draft Design : 4.0 m  
 Depth Moulded : 4.9 m

**Tonnage**

Net Tonnage : 99  
 Gross Tonnage : 333

**Speed** : 12 knots

**Bollard Pull:** : 45 Ton in excess

**Capacity**

Fuel oil : 174.0 m<sup>3</sup>  
 Fresh water : 25.8 m<sup>3</sup>  
 Foam : 10.6 m<sup>3</sup>  
 Dispersant : 10.6 m<sup>3</sup>

**Main Engines**

Niigata 6L25HX  
 2 x 1800 bhp at 750 rpm

**Propulsion**

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

**Generators**

2 x Volvo Penta D7AT  
 99kW, 415V, 3ph, 50Hz

**Deck Machinery**

Anchor windlass/ Towing Winch :  
 Marine Equipment Electro hydraulic driven.  
 Braking capacity 90 T

Aft Towing Winch (with spooling device):  
 Marine Equipment Electro hydraulic driven.  
 Pull 45 T at 7m/min; 13 T at 21m/min  
 Braking capacity 120 T

**Marine Crane**

1 x PALFINGER knuckle boom type  
 Electro-hydraulic. SWL 1.0 tons at 6m

**Navigational & Communication Equipment**

Echo Sounder, EPIRB, Marine Radar, GMDSS Area 3, 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 FIFI Pump
- model no: SFP250 @ 350HP
- Pump Cap @ 1,445 m<sup>3</sup>/h
- Gearbox with clutch
- 2 x fire monitor (600 m<sup>3</sup>/h each)  
 Throw Length: 100m  
 Throw Height: 45m
- One set Foam Mixing fitting
- Self drenching system: Main Deck  
 Deck House  
 Wheel House

**Other**

Oil Pollution Fighting system

**Accommodation:** 10 persons

**Builder**

Pacific Ocean Engineering & Trading Pte Ltd

**Owner**

Keppel Smit Towage Pte Ltd

*This vessel specification is given in good faith and assumed to be correct as at 02 July 2019*



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# GENERAL ARRANGEMENT

TUG NAME: KST SKILL

