

Type : PUSHER HARBOUR TUG

Year Built : 2009

Port of Registry : Singapore

Class

**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 m³
Fresh water : 25.8 m³
Foam : 10.6 m³
Dispersant : 10.6 m³

**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 Pumpmodel 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

This vessel specification is given in good faith and assumed to be correct. December 2010

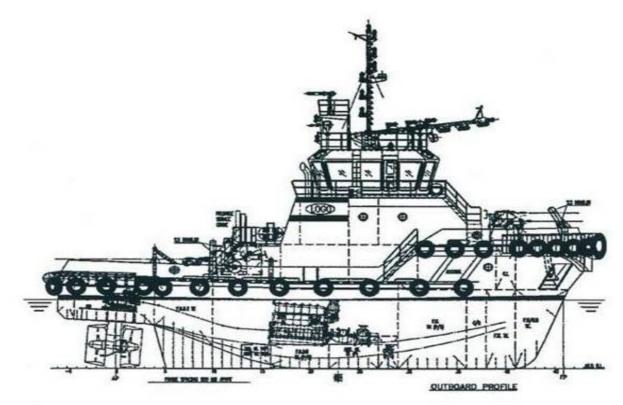


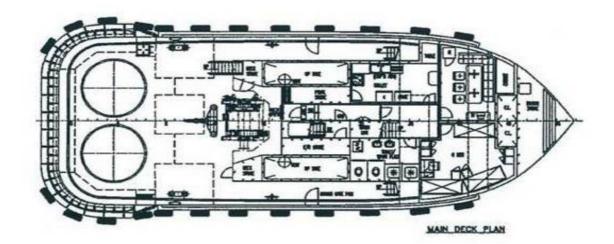


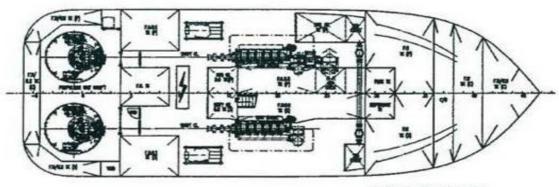


## **GENERAL ARRANGEMENT**

TUG NAME: KST SKILL







BELOW MAIN DECK PLAN