

Name KST Saturn
Port of Registry Singapore
Year Built 2004



Type : Pusher Harbour Tug

Class
 Lloyd's Register of Shipping
 * 100 A1 Tug * LMC (Fire Fighting Capability)

Dimensions
 Length Overall : 27.90m
 Breadth Moulded : 9.00m
 Draft Design : 3.8m
 Depth Moulded : 4.70m

Tonnage
 Net Tonnage : 74 T
 Gross Tonnage : 248 T

Speed : 12 Knots

Bollard Pull : 46 T excess

Capacity
 Fuel : 100m³
 Fresh water : 30m³
 Foam : 6.0m³
 Dispersant : 2.0m³

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

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

Generator
 2 x Cummins 6CT8.13_DM
 95ekw, 380V, 3pH, 50Hz

Deck Machinery

Towing Winch/ Anchor windlass :
 Plimsoll, electro hydraulic driven.
 Braking capacity 120 T

Aft Towing Winch :
 Plimsoll electro hydraulic driven.
 Braking capacity 120 T

Navigational & Communication Equipment

Echo Sounder, EPIRB, GMDSS Radar Transponder,
 GMDSS VHF Radio, GPS Navigator, Marine
 Radar, Navtex Receiver, SSB, VHF Radio

Fire fighting system

- Main Engine driven Nijhuis model HGT1- 250.500 pump.
Capacity 1400 m³/hr at 140m head
- Speed-up 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: Main Deck
Deck House
Wheel House

Other

Oil Pollution Fighting System

Accommodation : 10

Builder : Keppel Singmarine Pte Ltd

This vessel specification is given in good faith and assumed to be correct. January 2006



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GENERAL ARRANGEMENT
TUG NAME: KST SATURN

