

# KST ZODIAC



**Type** : Z-TECH HARBOUR TUG

**Year Built** : 2010

**Port of Registry** : Singapore

**Class** : ABS  
A1, AMS

**Dimensions**  
Length Overall : 27.40m  
Breadth Moulded : 11.50m  
Draft Design : Not more than 5.20m  
Depth Moulded : 5.00m

**Tonnage**  
Net tonnage : 98 T  
Gross tonnage : 327 T

**Speed** : 12 knots

**Bollard pull** : 65 tonnes

**Capacity**  
Fuel : 96.0 m<sup>3</sup>  
Fresh water : 20.7 m<sup>3</sup>  
Foam : 3.0 m<sup>3</sup>  
Dispersant : 3.0 m<sup>3</sup>

**Main engine**  
Catepillar 3516B  
- 2 X 2500 bhp at 1600 rpm

**Propulsion**  
2 X Schottel SRP 1215  
- Fixed 4 bladed propeller with twin azimuth thrusters

**Generator**  
Perkins 1006TWGM  
- 2 X 112KW, 3 phase, 4 wire, 415 volt, 50Hz, AC  
- Diesel driven

#### Deck Machinery

Anchor Winch  
- MacGreggor Plimssoll  
- Electro hydraulic

Towing Winch  
- MacGreggor Plimssoll  
- Single split drum  
- Brake holding capacity 150 tonnes  
- Electro hydraulic

Deck Crane  
- Palfinger PK1000M  
- 1.6 tonne at 6 m reach

#### Navigational & Communication Equipment

SSB Radio, Radar, Satellite Compass, Auto Pilot, Echo Sounder, VHF, GPS, Magnetic Compass, Draft Design, Navtex receiver, AIS, GMDSS (area A3), SSAS, Inmarsat mini-m, SART & EPIRB, Weather Fax

#### Fire Fighting System (half FiFi)

- Catepillar C18 Independent driven self priming centrifugal pump capacity 1,400 m<sup>3</sup>/hr at 12.5 bar  
- 2 x FFS fire monitor (600 m<sup>3</sup>/hr each)  
Throw Length: 100 meter  
Throw Height: 45 meter

- One set foam proportional system fitted  
- Self drenching system: Main deck  
Deck house  
Wheel house

Carbon-dioxide flooding system for engine room

Oil dispersant system 100 lpm by 2 boomless nozzles 5m spray (P+S)

#### Accommodation

10 persons

#### Builder

Cheoy Lee Shipyards 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 ZODIAC

