



**TYPE** : ASD FiFi 1 Escort tug  
(Ramparts 3300AV Class)

**Year Built** : 2014

**Port of Registry** : Singapore

**Class** : ABS +A1 Towing Vessel,  
Escort Vessel, Fire Fighting  
Vessel Class 1, (E) +AMS  
Unrestricted Navigation

**Dimensions**

Length Overall : 33.00m  
Breadth Moulded : 12.20m  
Draft Design : 4.23m  
Depth Moulded : 5.40m

**Tonnage**

Gross Tonnage : 497T

**Free Running Speed:** 13 knots (approx.)

**Bollard Pull:** : 70 T  
**(Ahead)** : 67T

**Capacity**

Fuel oil : 196 m<sup>3</sup>  
Fresh water : 43 m<sup>3</sup>

**Main Engines**

2 x 2682BHP / 1600rpm  
(CAT 3516C)

**Propulsion**

Azimuth Thrusters  
2 x US255FP (Rolls-Royce)

**Generators**

2 x 120ekW 415/3/50 (Cummins)

**Deck Machinery**

Fwd. Escort Winch/Windlass :  
Drum: 200m x 52mm dia.  
(HMPE Rope) / Brake holding 175 T  
Gypsy: 22mm Dia. U2 Chain  
Aft. Towing Winch:  
Drum: 800m x 52mm dia (SWR Rope)  
Brake Holding: 175 T  
Towing Hook:  
70 T SWL, Disc Type  
Capstan:  
3T x 0 ~ 15m/min.  
Deck crane:  
1T x 5m, Palfinger PK6500

**Navigational & Communication Equipment**

GMDSS System - Area 1+2+3  
Radars - Furuno FR2117 & FR 8062  
Gyro Compass - Anschutz Std. 22  
Magnetic Compass - Lily & Gillie MK2000  
AIS - Furuno FA 150  
Autopilot - Anschutz Nautopilot NP600  
Immarsat C - 2 x Furuno Felcom-18

**Fire Fighting System**

External Fi-Fi 1 (FFS)  
Fire Pump 1 x 2860m<sup>3</sup>/h

**Accommodation**

10 persons

**Builder**

Zhenjiang Shipyard, China

**Owner**

Keppel Smit Towage Pte Ltd

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



**KEPPEL SMIT TOWAGE PTE LTD**



23 Gul Road, Singapore 629356 Telephone: +65 666 84 222 Fax: +65 666 84 333  
Email: kst@keppelsmit.com.sg Website: www.keppelsmit.com.sg



# GENERAL ARRANGEMENT

TUG NAME: KST PASSION

