



**Type** : TRACTOR TERMINAL TUGS

**Year Built** : 2003

**Port of Registry** : Port Kelang, Malaysia.

**Class** : American Bureau of Shipping (A1, AMS)

**Dimensions**  
 Length Overall : 34.00 m  
 Breadth Moulded : 10.50 m  
 Draft Design : 6.20 m

**Tonnage**  
 Net Tonnage : 126 T  
 Gross Tonnage : 420 T

**Bollard Pull** : 65 T

**Speed** : 12 knots

**Capacity**  
 Fuel Oil : 115 m<sup>3</sup>  
 Fresh water : 70 m<sup>3</sup>  
 Foam : 2.0 m<sup>3</sup>  
 Dispersant : 2.0 m<sup>3</sup>

**Main engines**  
 Deutz SBV 9M628, 2 x 2070 kW (2 x 2776 HP)

**Propulsion**  
 2 x Schottel SRP 1515  
 Propeller Diameter: 2600 mm, Fixed Pitch

**Main Generator**  
 2 x Cummins 6CTA8.3DM  
 152 kW x 380 V, 50 Hz, 3 Phases x 4 wires

**Harbour Generator**  
 1 x Cummins 6BT5.9DM  
 70 kw x 380V, 50 Hz, 3 Phases x 4 wires

**Deck Machinery**  
 Fwd: One hydraulic windlass of 3 tons at 10m/min  
 Aft : One Zicom, electro hydraulic towing winch with brake holding capacity 140 T

**Navigational Equipment**  
 Radars, Echo sounders, Standard Magnetic Compass, Gyro Compass, Auto Pilot, GPS, SSB, Immarsant Mini-M, VHF Radio Telephone with built in DSC, GMDSS Sea Area 2

**External Fire**  
 Half Fire Fighting

**Fighting Capacity**  
 One unit main engine driven pump capacity 1400 m<sup>3</sup> /hr x 140 m, delivery head, via one unit remote control fire monitor capacity 1200 m<sup>3</sup>/hr on bridge deck, complete with foam proportioner

Throw Length : 120 m  
 Throw Height : 45 m above sea level  
 Self Drenching system: Main Deck, Deck House & Wheel House

**Fire Detection**  
 Machinery & accommodation space is fitted with smoke and heat detector

**Extinguishing System**  
 Machinery space protected with a CO<sub>2</sub> total flooding fire extinguishing system

**Accommodation:** 10 persons

**Builder**  
 Keppel Singmarine Pte. Ltd.

*This vessel specification is given in good faith and assumed to be correct. 26 May 2017*

# GENERAL ARRANGEMENT

TUG NAME: KSP PISCES

