

**MAJU LOYALTY**  
(TO BE DELIVERED IN AUGUST 2018)



**TYPE** : LNG Fuelled(DF) ASD Harbour Tugs

**Year Built** : MAJU LOYALTY – To be delivered in August 2018.

**Port of Registry** : Singapore

**Class**

American Bureau of Shipping  
Towing Vessel,  
ABS: +A1, Towing Vessel, Fire Fighting Vessel Class 1, (E), +AMS, BP( 73 T), UWILD, DFD, GFS, QR

**Dimensions**

Length Overall : 32.00 m  
Length BP : 27.23 m  
Breadth Moulded : 12.48 m  
Depth Moulded : 5.30 m  
Draft Skeg : 5.49 m  
Air Draft : 15.42 m

**Tonnage**

Gross Tonnage : 497 Tons

**Free Running Speed**: 13 knots

**Bollard Pull:** : 73 Tons  
(Ahead / Static)

**Capacity**

Fuel oil : 140 m<sup>3</sup>  
Fresh water : 60 m<sup>3</sup>  
Fuel LNG : 40 m<sup>3</sup>  
Foam : 7 m<sup>3</sup>  
Dispersant : 3.7

**Deck Machinery**

Fwd. Tow Winch/Windlass :  
Drum: 2 x 200m x 114mm dia (14" circumference).  
(PP Rope) / Brake holding 163 T  
Gypsy: 24mm Dia. U2 Chain

**Main Engines**

Niigata Dual Fuel (LNG + MGO)  
6L28AHZ-DF  
2 x1920bKW@800rpm

**Propulsion**

2 x fixed pitch propeller with steerable Azimuth thrusters

**Generators**

2 x 116ekW (Cummins) 415V / 3-Ph / 50Hz

**Navigational & Communication Equipment**

GMDSS System - Area 1+2  
VHF / SSB radio

Radar  
Magnetic & Satellite Compass  
AIS  
Echo Sounder  
Navtex Receiver  
Inmarsat Mini-C

**Fire Fighting System**

FIFI Class 1  
With 2 x 1,200m<sup>3</sup>/hr remote control monitors  
Engine Driven FIFI Pump:  
Capacity : 2,900 m<sup>3</sup>/hr  
Throw length : 120 m  
Throw height : 50 m  
FIFI Monitor: Water/Foam : 2 x 1,200 m<sup>3</sup>/hr  
Self-drenching water spray system

**Accommodation**

8 persons

**Builder**

Keppel Singmarine Pte Ltd

**Owners**

Maju Maritime Pte Ltd

*This vessel specification is given in good faith and assumed to be correct as at 04 May 2018*



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# GENERAL ARRANGEMENT: MAJU LOYALTY

PRINCIPAL PARTICULARS	
LENGTH O.A. APPROX.	32.00 m
BEAM MLD	12.48 m
DEPTH MLD	5.30 m
SUMMER DRAFT MLD. HULL	4.07 m
SCANTLING DRAFT MLD. HULL	4.50 m
SUMMER DRAFT (EXT.)	5.49 m
FRAME SPACING THROUGHOUT	550 mm
COMPLEMENT	8 MEN

