



TYPE : LNG Fuelled(DF) ASD Harbour Tugs

Year Built : 2018

Port of Registry : Singapore

Class : ABS: +A1, Towing Vessel, Fire Fighting Vessel Class 1, (E), +AMS, UWILD, DFD, GFS, QR BP 71.95 MT (Diesel mode) / 72.0 MT (Gas mode)

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 m³
 Fresh water : 60 m³
 Fuel LNG : 40 m³
 Foam : 7 m³
 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 1,200m³/hr remote control monitors
 Engine Driven FIFI Pump:
 Capacity : 2,900 m³/hr
 Throw length : 120 m
 Throw height : 50 m
 FIFI Monitor: Water/Foam : 2 x 1,200 m³/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 02 July 2019



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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

