

# Maritime Putra

5,000 BHP / 65 TBP / ANCHOR HANDLING TUG



## PRINCIPAL PARTICULARS

Year Built	2004
Port of Registry	Singapore
Flag	Singapore
Classification	ABS + A1, AH (E) Towing Vessel, + AMS (Maritime Putra) ABS + A1, (E) Towing Vessel, + AMS (Maritime Putra)
Call Sign	9V6559 / 9V6560
Builders	Guangxi Guijiang Shipyard
Official No	390821 / 390822

## DIMENSIONS

Length Overall	40.00 m
Breadth Moulded	11.40 m
Depth Moulded	4.93 m
Draft (Design)	4.00 m
Deadweight	350 mt
Clear Deck Space	18 m x 10 m
GRT	499
NRT	149

## PERFORMANCE DATA

Max Speed	13.0 knots
Bollard Pull	Approx 65 tons
Endurance	7200 nautical miles @ 12 knots

## TANK CAPACITIES

Fuel Oil	410 m <sup>3</sup>
Fresh Water	78 m <sup>3</sup>

## MACHINERY & EQUIPMENT

Main Engines	2 x Yanmar 6EY26/YHX-2500 diesel & Gearboxes engines producing 2500 bhp each @ 720 rpm c/w 2 x YX-3000 reverse reduction gear-boxes of 3.5:1 ratio
Generators	3 x 300 KW Caterpillar 3408 DITA & 1 x 90 KW ship service
Generator Consumption	360L MGO & 10L lube oil per 24 hr
Propellers	2 x solid propellers 3000 mm diameter, 4-bladed Kaplan type manganese bronze in kort nozzles
Bow Thruster	Kawaski 250 KW-KT-32B3 3.4T

## MACHINERY & EQUIPMENT (cont'd)

Steering Gear	Jastram S2-60-2-35 Electrical hydraulic independent 3.3 TM x 2
Towing Pins & Sharkjaws	Plimsoll PS-200MTTp/PS-200MTSJ, 200T capacity
Anchor Windlass	Plimsoll PC-HAW/GG-26 4.4Tx12 m/min capacity
Anchors	2 x 680 kg stockless anchors
Anchor chain	2 x 220 m 32 mm U2 steel stud link chain
Anchor Handling	Plimsoll PC-AHTW/Winch WF-75/150 hydraulic w inch with remote controls in wheelhouse. 150T brake capacity. 75 mt line pull @ 15 m/min at 1st layer, various sizes work wire
Towing Winch	Plimsoll PC-AHTW/WF-75/150 hydraulic winch with remote controls in wheelhouse 150T brake holding. 75 mt line pull @ 15 m/min at 1st layer. 800 m x 52 mm dia wire IWRC
Wire Storage	2 x 6T line pull at 12 m/min Reels Hydraulic wire storage reels of 800 m x 52 mm SWR capacity. 1 for 800 m x 52 mm spare towing wire and the other for various size pennant wires
Tugger Winch	2 units Plimsoll PC-HUW/SD-10/15 each of line pull @ 14 m/min
Stern Roller	4.5 m x 1.6 m dia, 200 mt S.W.L.
Stern Opening	6.9 m
Fendering	Half round bar 75 mm alternate between 250 mm D rubber fenders Forward vertical D rubber fenders Stern port & starboard quarter D rubber fender
Reefer Points	3 x AC 380 V, 3 Phase, 50 Hz, 32 Amp
Fire fighting & LSA	As per SOLAS

## ACCOMMODATION

Fully air-conditioned for 16 men