

SWIBER RAVEN 3,200 BHP Towing Tug



GENERAL SPECIFICATION

General Particulars

Year Built	2009
Flag	Singapore
Class	GL
Notation	✕ 100 A5 Tug

Principal Particulars

Length Overall	31.10m
Breadth Moulded	9.50m
Depth Moulded	4.20m
Design Draft	3.50m
GRT / NRT	298T / 90T

Machinery

Main Engine	Two(2) units Cummins diesel engines KTA 50-M2 rated 1,600 HP @ 1,800rpm coupled with Reintjes, marine reduction gearbox WAF665L Ratio 5.95:1
Propulsion System	2 x fixed pitch propellers
Generating Set	2 x Cummins diesel engine, 78kW, 415V/230V Alternator rated 3ph, 4 wires, 50Hz @ 1,500rpm
Steering Gear	1 set x 3.5 t-m Torque electric hydraulic steering gear system (joystick type + emergency helm)

Performance & Consumption

Bollard Pull	36 Tons
Maximum Speed	11 Knots
Economical Speed	8 Knots
Fuel Consumption with tow condition	11.41 Tons/day
without tow condition	9.13 Tons/day
Deck Strength	5 Ton/m ²
Clear Deck Area	80m ²

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Deck Machinery

Anchor Windlass	1 x hydraulic electric 22mm anchor windlass c/w two warping drums
Anchor	2 x 570kg stockless bower anchors
Towing Winch	1 x electro-hydro towing winch model HY. TW 40 capacity of 40 Tons, Brake Holding 120 Tons
Towing Cable	750m x 45m
Mooring Bollard	a) Bollards 2 x 8" pipe double bollards b) Mooring 2 mooring pipes
Capstan	1 x electro capstan model VT-SP 3 Tons
Stern Roller	3.5m length x 0.6m diameter

Tank Capacity

Fuel Oil	276 Tons
Fresh Water	46 Tons

Accommodation

Berth	2 x 1 man cabin = 2 men 1 x 10 men cabin = <u>10 men</u>
Total	<u>12 men</u>

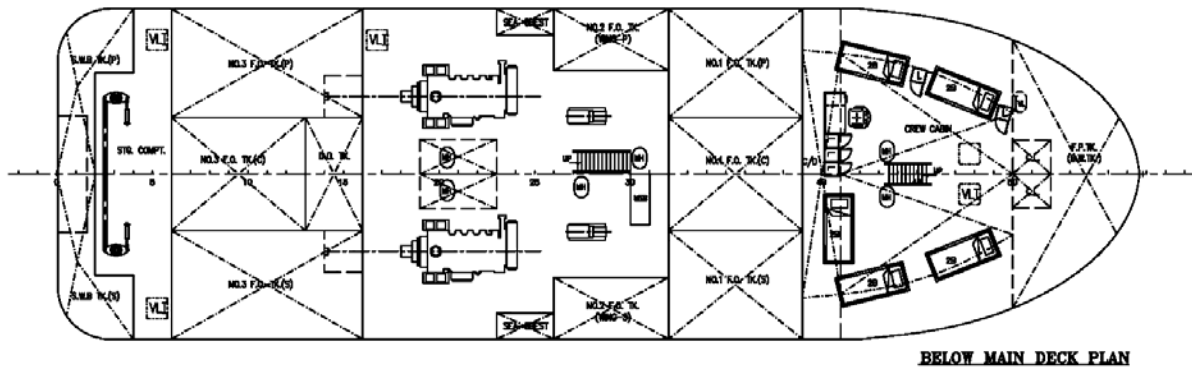
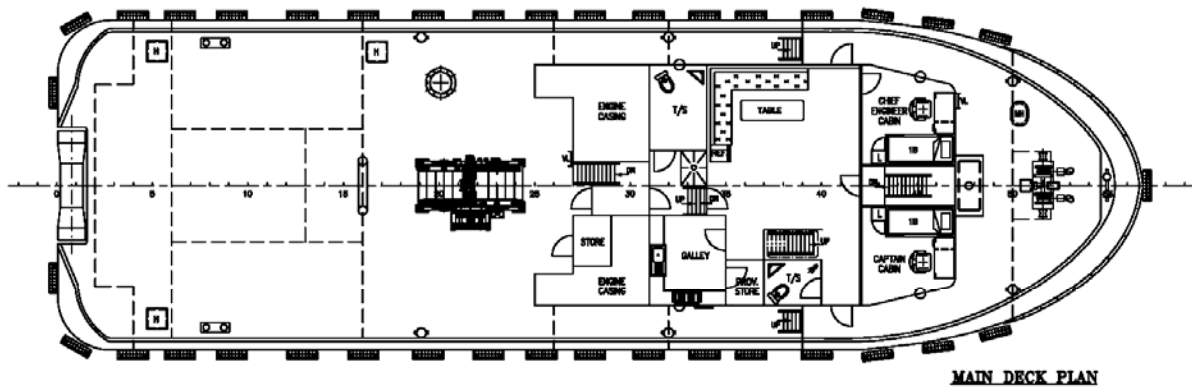
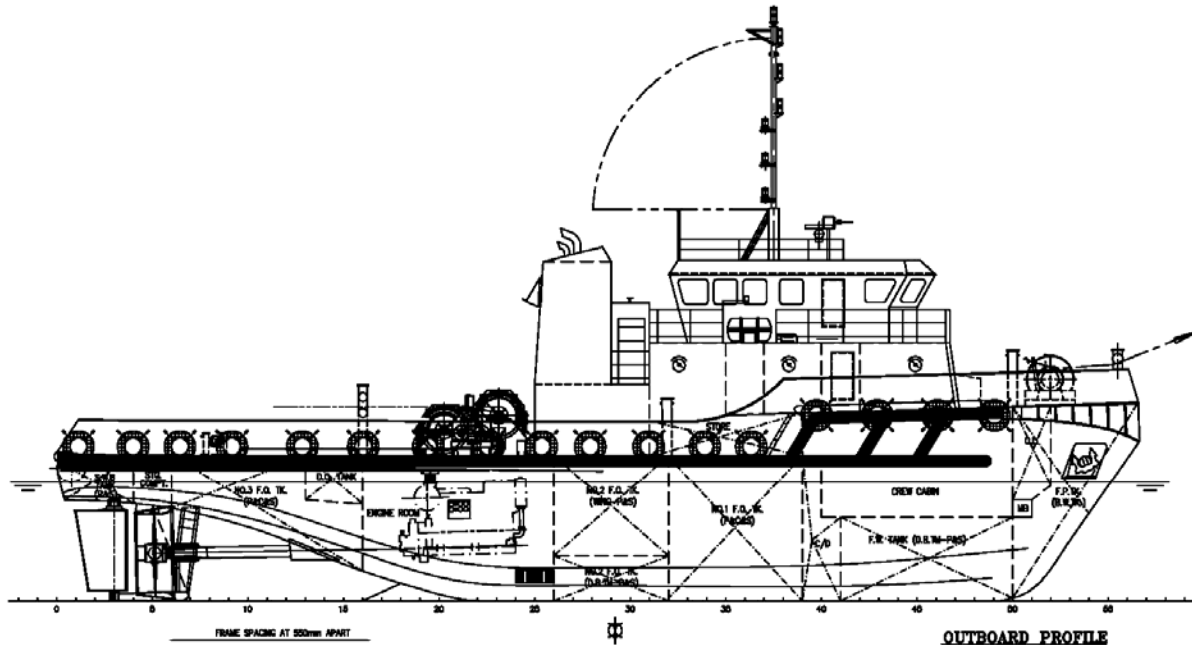
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