

SWIBER EAGLE

3,200 BHP Towing Tug



GENERAL SPECIFICATION

General Particulars

Year Built	2005
Flag	Singapore
Class	NKK
Notation	⊗ NS + MNS (Tug)

Principal Particulars

Length Overall	32.00m
Length Waterline	30.82m
Breadth Moulded	9.76m
Depth Moulded	4.30m
Draft Moulded	3.50m
GRT/NRT	363/109 tons

Machinery

Main Engine	2 x CUMMINS KTA50-M2 (3200 bhp @ 1800 rpm) Twin DISC Model MG 5506 x 2 ratio 6.00:1
Propulsion System	2 x 4 Blade Manganese Bronze Propeller c/w mild steel Kort Nozzles
Generating Set	CUMMINS model 6BT5.9G6 Rated 80kW @ 100kVA Prime rating 0.8 power factor lagging
Steering Gear	1 x 4 Tons Electro - hydraulic

Performance & Consumption

Bollard Pull	40 Tons
Maximum Speed	12 knots
Economical Speed	10 knots
Fuel Consumption	8.5 Tons/day
Deck Strength	5 Tons/m ²
Clear Deck Space	80m ²

Deck Machinery

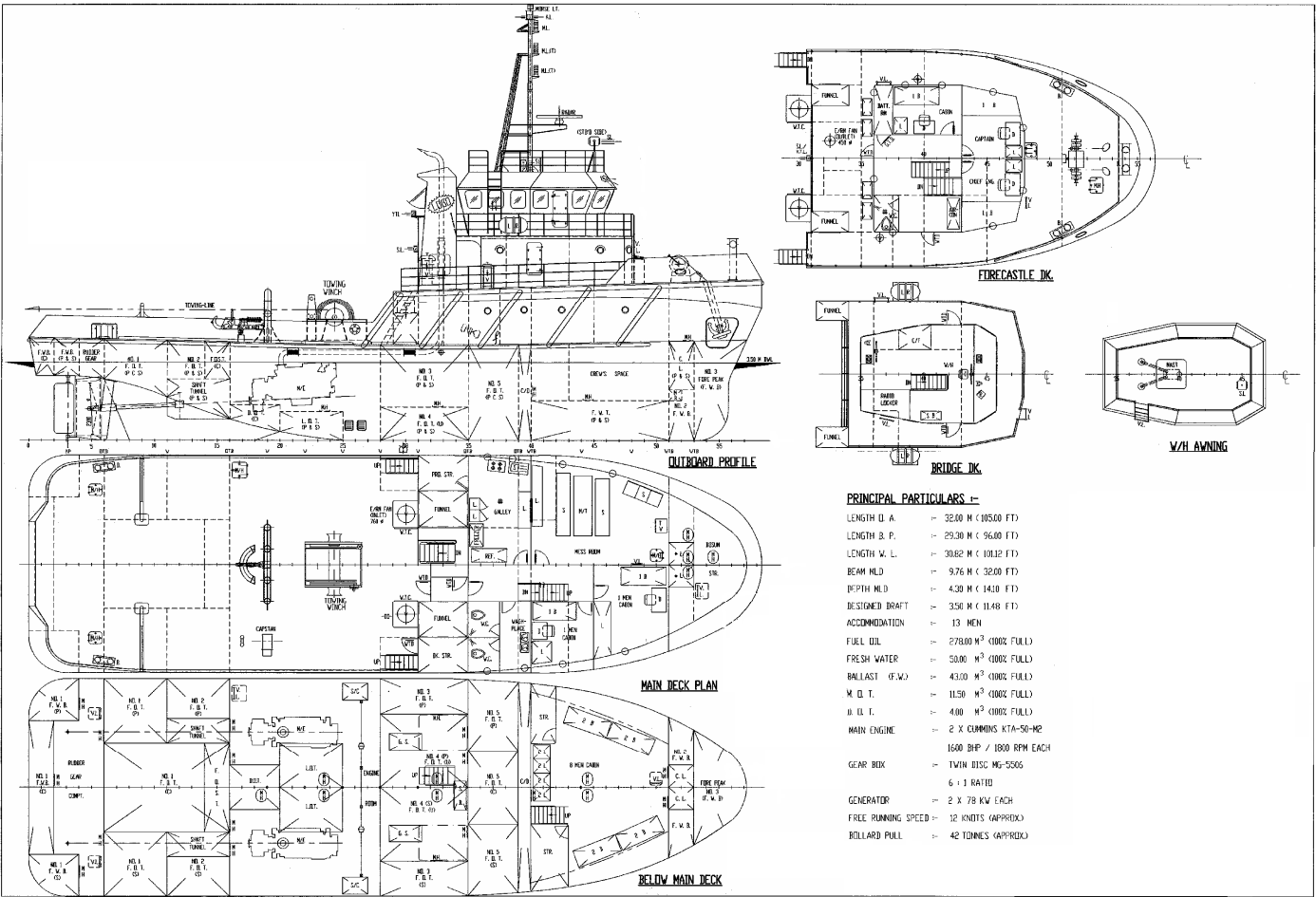
Anchor Windlass	1 x 22mm c/w double gypsy & drum
Anchor	2 x 480kg stockless bower anchor
Chain cable	9 - 10 shackles x 90 ft, 22mm dia. stud Link cable for both bower anchor
Towing Hook	1 x 40 tons
Capstan	1 x 3 tons
Towing Winch	Electro-Hydro Towing Winch Model Hy.TW 15 Ton brake holding, 80 tons with spooling device. Emergency quick release, 20 HP x 2 power pack. Manual control panel, Switch box and Hose Assy

Tank Capacity

Fuel Oil	278 m ³
Lube Oil	1.5m ³
Fresh Water	50 m ³
Ballast Water	43 m ³
Oily Water Separator	0.5m ³ /h
Sewage Plant	1 unit

Accommodation

Berth	5 x 1 berth cabin = 5 men 2 x 4 berth cabin = 8 men
Total	<u>13 men</u>



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