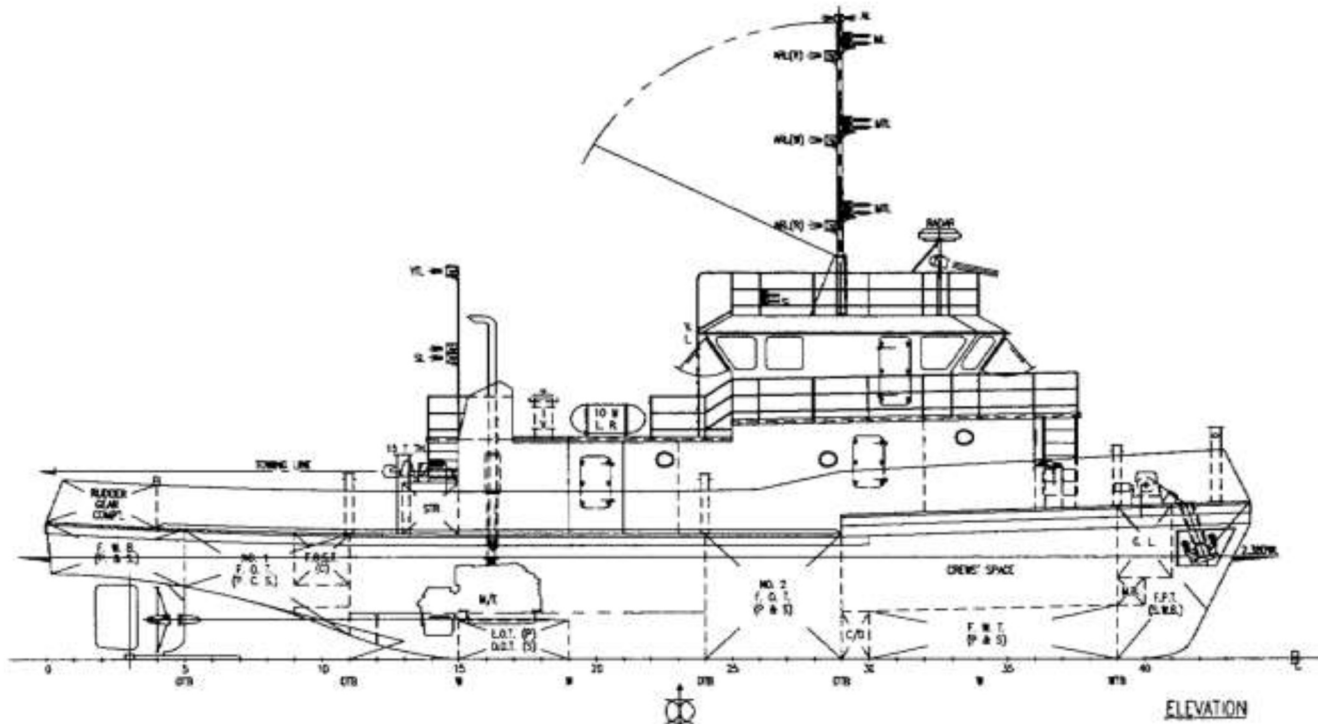


“23M TWIN ENGINE TUGBOAT” 1300PS TUGBOAT SPECIFICATION (GSY033)



GENERAL

Builder	GIMHWAK SHIPYARD SDN. BHD.
Length (OA)	23.613M
Breadth Moulded	6.700M
Depth Moulded	2.900M
Design Draft	2.400M(Approximate)
Classification	Kerajaan Malaysia(KM)
Speed	Free-Running:Approx. 10.0Knots
Accommodation	10 Men
Notation	Malaysia & Brunei Water

NAVIGATION & COMMUNICATION

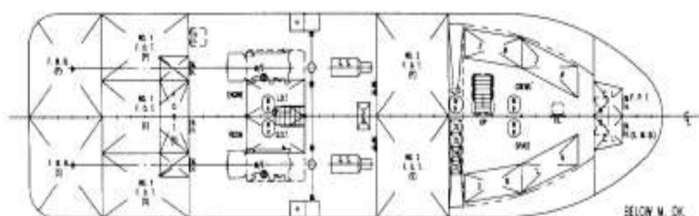
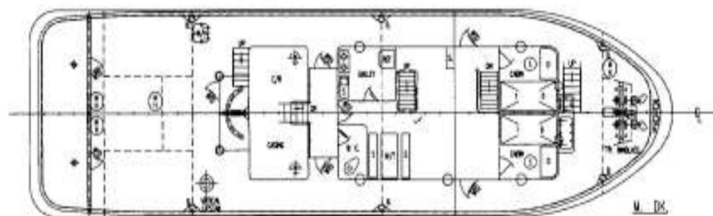
Magnetic Compass	150 -Table Type Magnetic Compass
Echo sounder + GPS	FURUNO MODEL FCV-620/GP-32 GPS or Equal
Marine Radar	FURUNO 1715 24NM or Equal
VHF Radiotelephone	STANDARD HORIZON GX1000S or Equal
EPIRB	SAMYUNG SEP-406 or Equal
Intercom System	Three station intercom telephone

MACHINERIES

Main Engines	2 X 650 PS @ 1900 RPM, YANMAR , Model : YANMAR 6LAH-ST
Gear Box	2 X Hangzhou Advance HCD400A Gear box (Ratio 6:1)
Propeller	2 X Fixed Pitch Propeller
Generators	2 X Diesel Generator Rate 28Kw,
Steering Gear	Hydraulic steering Helm Pump
Air Conditioning	Split type air conditioning

CAPACITIES

Fuel	83.00 Ton (Approx)
Fresh Water	19.00 Ton (Approx)
Ballast Water	32.00 Ton (Approx)
GRT	124 Ton (Approx)
NRT	37Ton (Approx)



GIMHWAK GROUP

Lot 205 & 303, Sg. Maaw Road, Sg. Bidut,
96000 Sibul, Sarawak, Malaysia.

Tel: +6 084-229308, 229318 Fax: +6 084-311163

**SHIPBUILDING, SHIPPING, SHIP REPAIRS,
GENSET, MARINE ENGINE, BLASTING**