Step by Step to Excellence

SHIN YANG

DANUM 46

37.00 m-2700 BHP

Towing Tug

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Vessel Specifications

Dimensions

Length Overall	37.00 m
Breadth Moulded	11.40 m
Depth Moulded	4.95 m
Draft	4.05 m
Deadweight	398 T
Registered Tonnage	GRT 475 T, NRT 143 T
IMO	9379179
Call Sign	9WGL8

Registration

Year Built / Builder	2005 / Piasau Slipways SDN BHD
Flag / Port of Registry	Malaysia / Kuching
Class	BV
Managers	Shin Yang FZC

Capacities 100%

Fuel Oil	325 m^3
Fresh Water	77 m^3
Freezer and Cooler	0.8 m^3 / 0.65 m^3
Clear Deck Area	64 m^2
Deck Strength	5 T

Navigation and Communication

Inmarsat C	2 x Furuno Felcom 15
GMDSS	Comply GMDSS A1+A2+A3
Radar	Furuno FR-1505 Mark 3
GPS Navigator	Furuno GP-90
Autopilot	Simrad AP-35
Navtex Receiver	Furuno NX-700
Gyro Compass	Furuno Satellite Compass SC-50
Magnetic Compass	Daiko SR-150PK
Communications: Data / Fax / Phone	FBB Skipper 150
MF / HF SSB DSC	Furuno FE-2570
Echo Sounder	Furuno FE-700
VHF Radio Telephone	2 x Furuno FM-8500
GMDSS Hand Held Radio	1 x ICOM IC GM-1600, 1 x Entel
SART	SRC CRT 100
EPIRB	GME MT403 FF
Wind indicator	Davis
Barometer	Barigo
AIS	Furuno FA-100

Machinery

Main Engines	2 x Cummins KTA38-M2 (2 x 1350 BHP)
Propulsion	Manganese Bronze / 4 Blades Solid With key Dia. 2.2 m Fixed Pitch in Kort Nozzle
Bow Thrusters	3.5 T / 350 HP
Main Generator	2 x Cummins 6CTA8.3-D(M), 2 x 165 kW
Oily Water Separator	Georim Engineering, GRS-10EB, 1 m^3/hr
Sewage Treatment Plant	ISS-15 (0.9 m^3/day)

Towing / Anchor Handling / Mooring

Towing Drum Wire	52 mm, 500 m
Towing Winch	50 T @ 4 m/min, Marine Equipment (Single Drum)
Anchor Windlass	10 T @ 12 m/min ME10THWLG30C380-10TW Marine Equipment
Anchors	2 x Stockless Anchor 900 kg
Anchor Chain	30 mm Dia. x 27.5m x 7 Length each side
Tugger Winch	5 T Mac Gregor plimsoll

Performance

Max Speed	12 knots
Service Speed	10 knots
Bollard Pull	35 T

Transfer Rates

Fuel Oil	30 m^3/hr @ 50 m head
Fresh Water	56 m^3/hr @ 50 m head

Fire-fighting and anti-pollution equipment

CO_2 System	7 x 45 kg CO_2
Fire Hydrants	6 nos.
Fire Extinguishers	1 x 45 Ltrs Foam, 2 x 9 Ltrs Foam, 8 x 9 kg DP, 5 x 4.5 kg DP
Fast Rescue Craft	Rigid Rescue Boat, 6 Person, SC45KR, 25 HP Patrol Engine
Safety Equipment	2 BA set, 3 EEBD, 2 x 15 Per life Raft

Accomodation

14 Men
1 Man x 2
2 Men x 2
4 Men x 2

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Particulars believe to be correct but not guaranteed as to accuracy and interested parties must satisfy themselves by inspection of the vessel.

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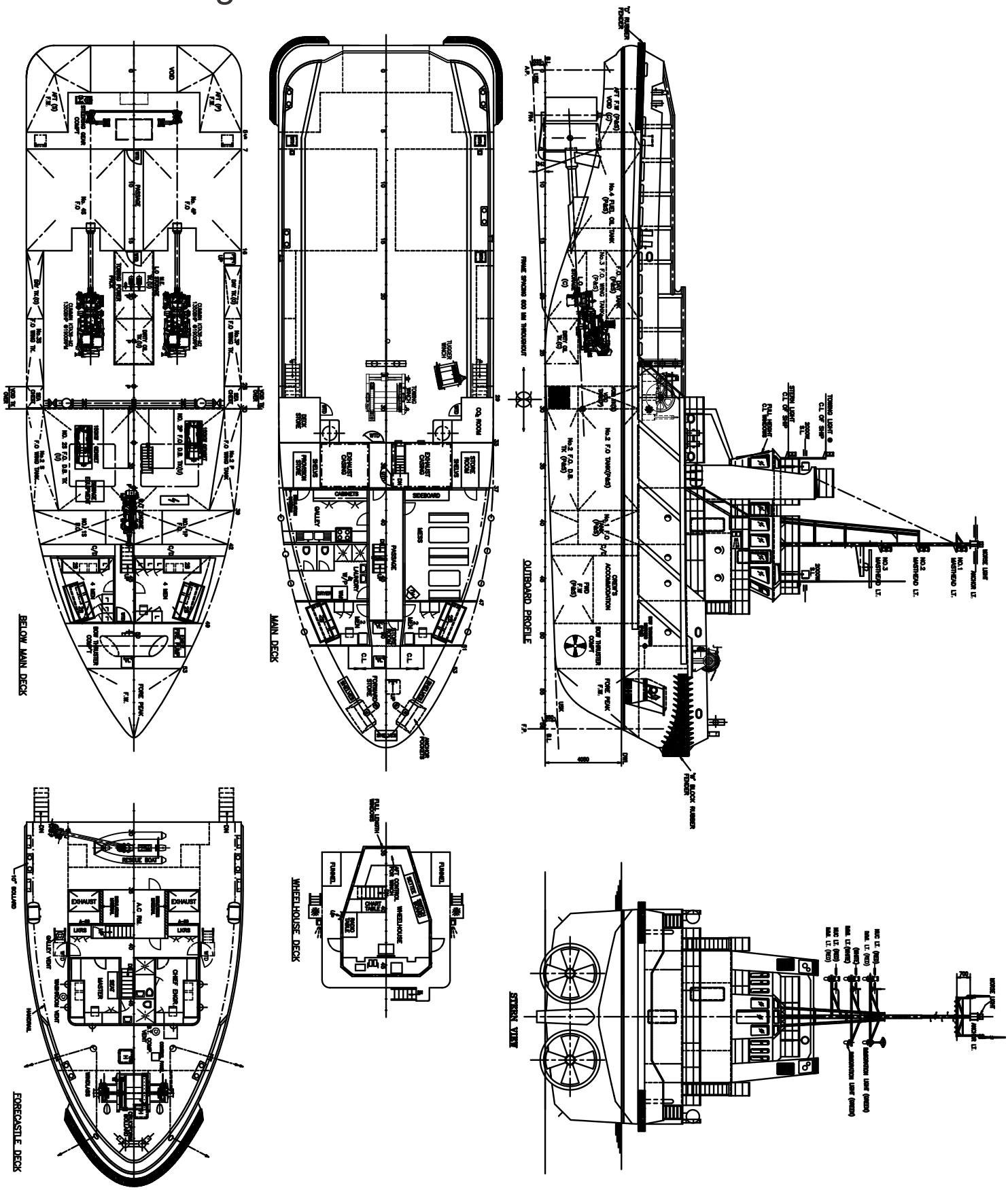
General Arrangement



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