Step by Step to Excellence

SHIN YANG

DANUM 119

49.95 m-4400 BHP

Anchor Handling Tug

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Vessel Specifications

Dimensions

Length overall	49.95 m
Breadth moulded	12.60 m
Depth moulded	5.75 m
Draft	4.80 m
Deadweight	700 T
Registered Tonnage	GRT 959 T, NRT 287 T
IMO	9553531
Call Sign	9WKF2

Registration

Year Built / Builder	2008 / Shin Yang Shipyard SDN BHD
Flag / Port of Registry	Malaysia / Kuching
Class	BV
Managers	Shin Yang FZC

Capacities 100%

Fuel Oil	500 m^3
Fresh Water	242 m^3
Water Ballast / Drill water	65 m^3
Dispersant / Foam	19 m^3 / 16 m^3
Freezer and Cooler	5 m^3 / 5 m^3
Clear Deck Area	220 m^2
Deck Strength	5 T

Navigation and communication

Inmarsat C	2 x Furuno Felcom 15
GMDSS	Comply GMDSS A1+A2+A3
Radars	1 x Furuno FE-700 1 x Furuno FR-1510 Mark II
GPS Navigator	Furuno GP-150
Autopilot	Simrad AP-50
Navtex Receiver	Furuno NX-700
Gyro Compass	Tokyo Keiki TG-8000
Magnetic Compass	Daiko SR-150 PK
Communications: Data / Fax / Phone	FBB Sailor 150
MF / HF SSB DSC	Furuno 2571C
Echo Sounder	JMC F2000
VHF Radio Telephone	2 x Furuno FM-8800
GMDSS Hand Held Radio	3 x ICOM ICGM-1600
SART	2 x Sevenstar S701
EPIRB	GME MT 403 FF
Wind indicator	Clipper
Barometer	Hanseatic
AIS	Furuno FA-150
BNWAS	SME Electius le guardian 2025
ECDIS	Transan NS400
SVDR	Headway SVDR
SSAS	Furuno Felcom 15

Machinery

Main Engines	2 X Cummins QSK 60 (2x2200 BHP)
Propulsion	Manganese Bronze/4 Blade solid Fixed Pitch In Kort Nozzle
Bow Thrusters	3.5 T / 350 HP (Cummins Engine)
Main Generator	2 x Cummins QSM11-D(M) 2 x 265 kW
Emergency Generator	1 x Cummins 6CT8.3-D(M) 150 kw
Oily Water Separator	Georim Engineering, GRS-10EB, 1 m^3/hr
Sewage Treatment Plant	ISS-35 (2.1 m3/day)

Towing / Anchor Handling / Mooring

Towing drum wire	52mm x 1000m
Stern Roller	120 T
Karm Fork / Towing Pin	200 T / 200 T
Towing Winch	80 T Double drum
Anchor Windlass	6.2 T x 10m /min
Anchors	2 x Stockless Bower Anchor 1300kg
Anchor Chain	38mm Dia.x 27.5m x 20 Length each side
Capstan	2 x 5T @ 15m/min

Performance

Max Speed	12 knots
Service Speed	10 knots
Bollard Pull	54.8 T

Transfer Rates

Fuel Oil	70 m^3/hr @ 50m head
Fresh Water	70 m^3/hr @ 50m head

Fire-fighting and anti-pollution equipment

FIFI System	FIFI-1
FIFI Monitors	1200 m^3/hr (Water), 300 m^3/hr (Foam) - Joystick Controlled
FIFI Pumps	1200 m^3/hr @ 120 m head
CO_2 System	16 x 45 kgs CO_2
Fire Hydrants	12 nos.
Fire Extinguishers	2 x 45 Ltrs Foam, 5 x 9 Ltrs Water, 6 x 9 Ltrs Foam, 1 x 9 kg DP 14 x 6 kg DP
Fast Rescue	Rigid Rescue Boat, 6 Person, SC45KR, 30 HP Petrol Engine
Safety Equipment	4 BA Set, 13 EEBD, 2 x 20 and 2 x 25 per Life raft
H_2S	Crowcon, 4 Sensors

Accomodation (42 bunks)

27 Men
1 Man x 3
2 Men x 6
4 Men x 3

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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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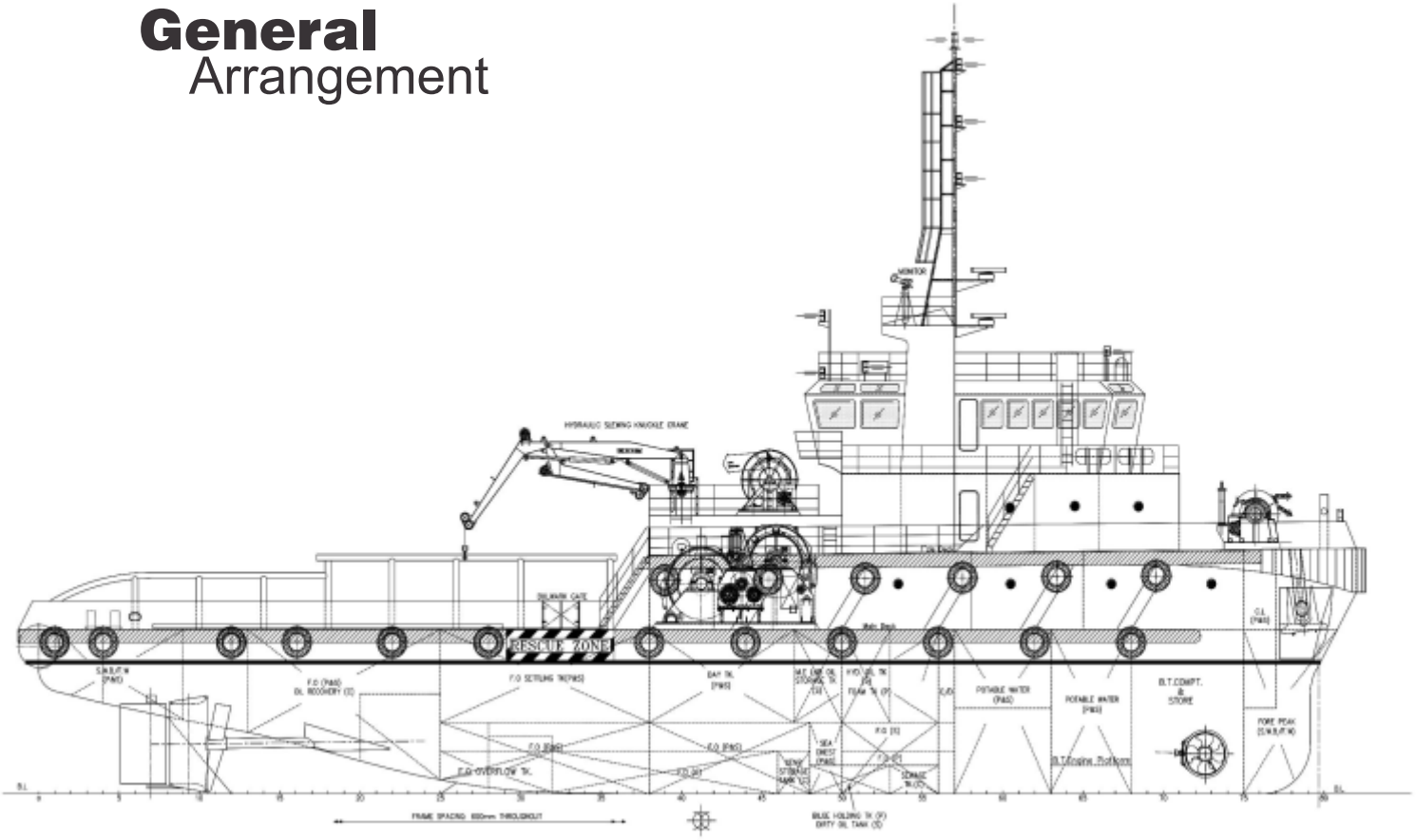
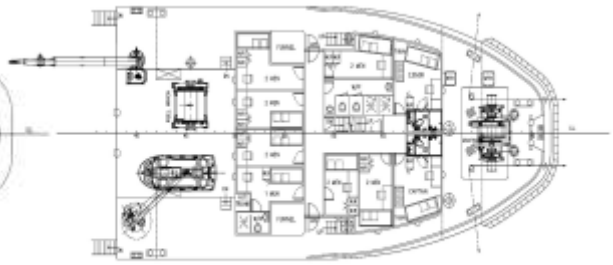
General Arrangement

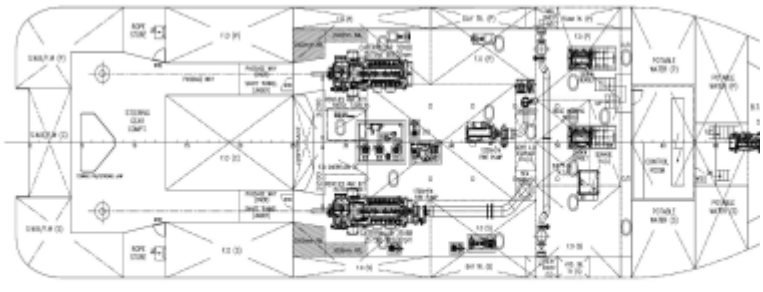


OUTBOARD PROFILE

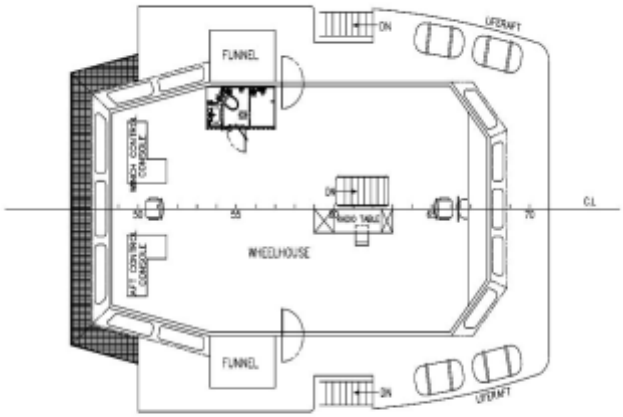
MAIN DECK



FORECASTLE DECK



BELOW MAIN DECK



WHEELHOUSE DECK

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SHIN YANG

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