

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
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	Dalco 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 Electus Ic guardian 2025
ECDIS	Ttrans 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
	3.5 T / 350 HP (Cummins Engine)
Bow Thrusters	2 x Cummins QSM11-D(M) 2 x 265 kW
Main Generator	1 x Cummins 6CT8.3-D(M) 150 kw
Emergency Generator	Georim Engineering, GRS-10EB, 1 m ³ /hr
Oily Water Separator	ISS-35 (2.1 m ³ /day)
Sewage Treatment Plant	

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
Anchor Chain	2 x Stockless Bower Anchor 1300kg
Capstan	38mm Dia.x 27.5m x 20 Length each side
	2 x 5T @ 15m/min

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

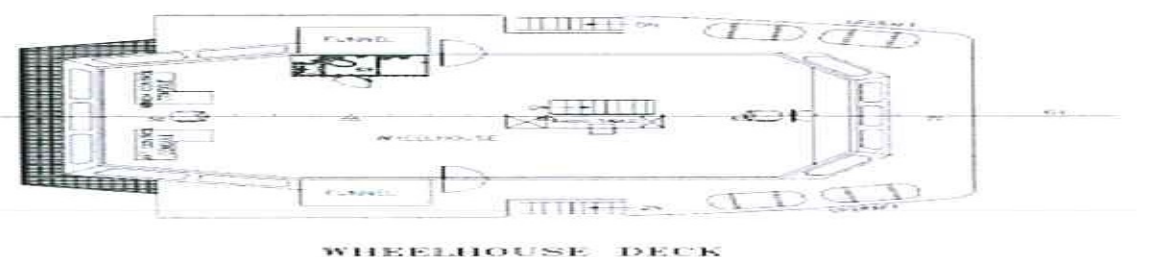
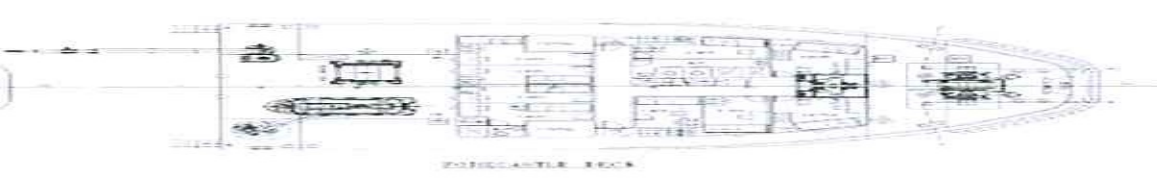
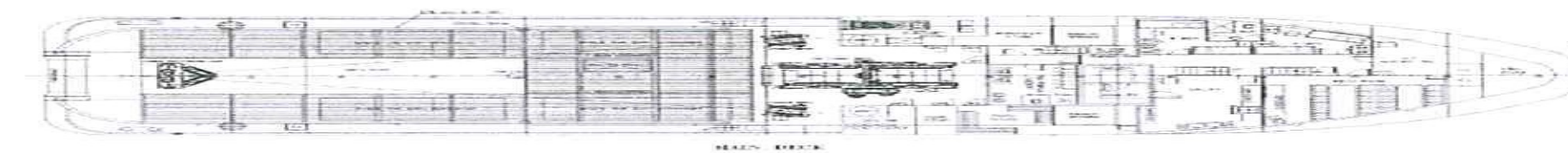
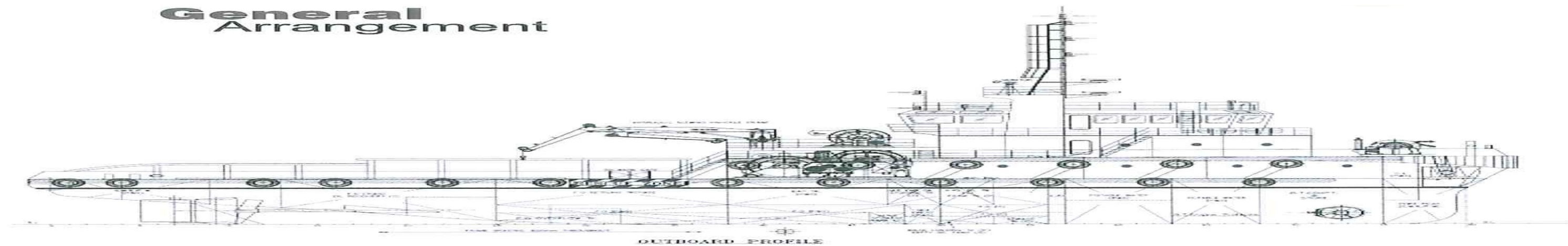
Transfer Rates	
Fuel Oil	70 m ³ /hr @ 50m head
Fresh Water	70 m ³ /hr @ 50m head

Fire-fighting and anti-pollution equipment	
FIFI System	FIFI-1
FIFI Monitors	1200 m ³ /hr (Water), 300 m ³ /hr (Foam) - Joystick Controller
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
	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 ₂ S	Crowcon, 4 Sensors

Accommodation (42 bunks)	
	27 Men
	1 Men x 3
	2 Men x 6
	4 Men x 3



General Arrangement



49.95 m-4400 BHP
Anchor Handling Tug

