



SAPANGAR SHIPYARD SDN BHD

(Company No.565077-W)

SITE OFFICE: 2½ Miles, Jalan Kastam Baru, Lahad Datu, Sabah, Malaysia.
HEAD OFFICE: Lot 1-5, 1st Floor, Bangunan Fordeco, Jalan Singamata, P.O.Box 60006, 91110 Lahad Datu, Sabah, Malaysia.
KK OFFICE: K-63-3rd Floor, Signature Office, KK Time Square, Off Coastal Highway, 88100 Kota Kinabalu, Sabah, Malaysia.

TEL: 089-887688 FAX: 089887353
TEL: 089-881188 FAX: 089-882399
TEL: 088-486 555 FAX: 088-486 777

42M UTILITY VESSEL

PRINCIPAL PARTICULAR

Length Overall	: 42.000M
Length BP	: 37.354M
Breadth Moulded	: 11.000M
Depth Moulded	: 4.800M
Draft Moulded	: 4.000M
Design Speed	: 12 Knots
Year of Completion	:
Classification	: Germanischer Lloyd (G.L.)
Class Notation	:  100 A5, MC, TUG

MACHINERY

Main Engine	: 2 x Caterpillar 3512B 1750hp@ 1600 rpm
Reduction Gear	: Ratio 5.76 : 1
Propeller	: 2 x Fixed Pitch propellers (FPP)
Generator	: 2 x 150kw, 3p/50hz/415v
Bow Thrusters	: 1 x 2.5t Electric drive fixed pitch type

ACCOMODATION

2 X 1men Cabin	: 2
2 X 2men Cabin	: 4
1 X 8men Cabin	: 8
Total	: 14

CARGO CAPACITY

Fuel Oil	: 305 tons
Fresh Water	: 123 tons

DISCHARGE RATES

Bilge & Ballast Water	: 40m3/hr @ 40m Head
G.S & Fire Pump	: 40m3/hr @ 40m Head
Fuel Oil Transfer	: 20m3/hr @ 25m

SUPPLY & DRAINAGE PLANT

Oily Water Separator	: 1 x 0.5m3@2kg/cm2 head c/w oil content <15ppm
Electric Water Heater	: 5 unit
Sewage Treatment Plant	: 25 persons

DECK EQUIPMENT

Anchor Windlass	: 1 x electro hydraulic Windlass double gypsies,3t for 26m stud link Chain c/w 2 warping drum's
Anchor	: 2 x 780kg Stockless Bower Anchor
Capstan	: 1 x 3t Electro hydraulic Capstan
Tugger Winch	: 1 x 5t Electro hydraulic Tugger Winch
Towing Winch	: 1 x Electro hydraulic Winch, single warping ends type of 45t SWL with Double Drum cap. 750m x 42mm wire rope (wire rope excluded)



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NAVIGATION EQUIPMENT

Radar X band 64NM	: 1 set
Magnetic Compass	: 1 units
Eco Sounder	: 1 sets
Speed Log	: 1 sets

GMDSS A1-2-3

MF/HF Radio	: 1 sets
Inmarsat C	: 2 set
VHF Radio telephone	: 1 sets
SART	: 2 set
Navtex Receiver	: 1 sets
EPIRB	: 1 sets
VHF Radio Portable (Walkie Talkie)	: 2 set
GPS	: 1 sets
AIS	: 2 sets
Satellite Compass	: 1 sets

FIRE FIGHTING SYSTEM

External FIFI - 1/2

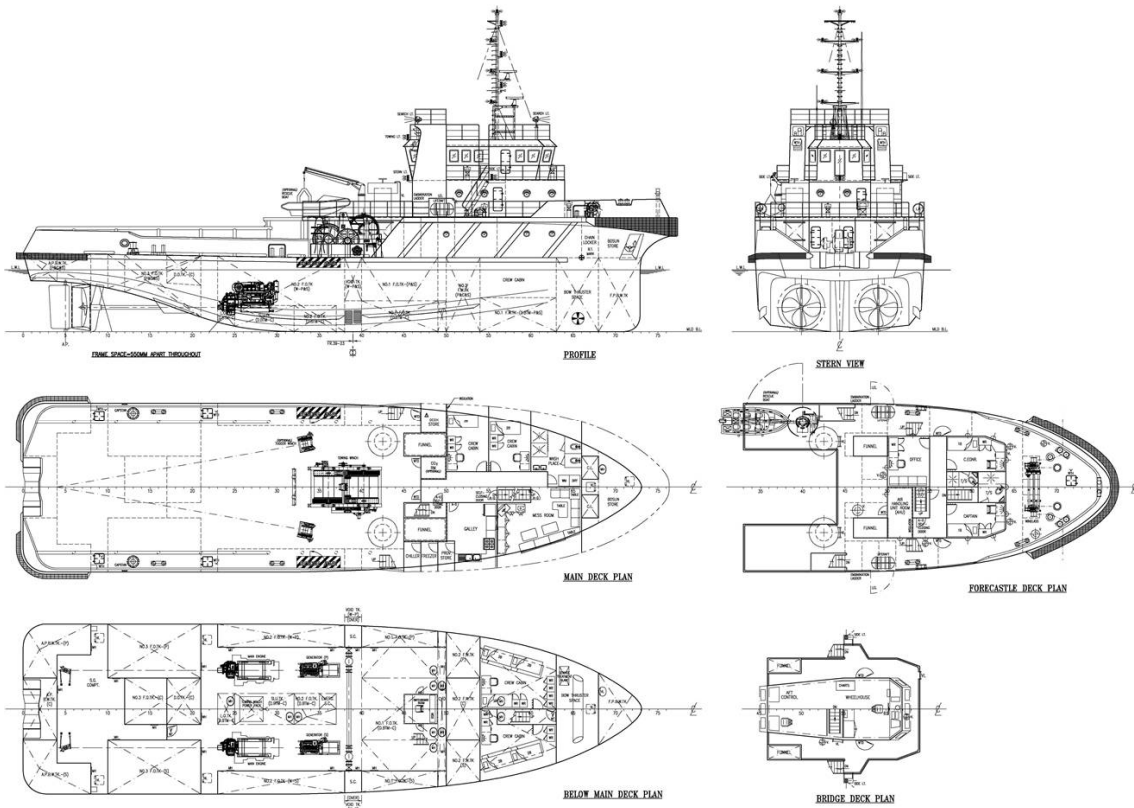
Fire Monitor	: 2 x 600m ² /hr @10 bar
Fire Pump	: 1 x 1200m ³ /hr@10 bar

Fire Detection & General

Co2 System in Engine Room	: 1 shipset
Fire Alarm System	: 1 shipset
Fire Extinguisher	: As per Fire Plan
Emergency Fire Pump (Portable)	: 1 unit

LIFE SAVING EQUIPMENT

Life Raft	: 2 x 20 men
Life Buoy	: 8
Lifejackets	: 24
First Aid Kit	: 1 set



ALL DATA HEREIN HAVE BEEN COMPLIED WITH ALL THE POSSIBLE CARE, HOWEVER, NO GURANTEE IS GIVEN OF THE CORRECTNESS HEREOF