HUNG SENG SHIPBUILDING (M) SDN BHD
Lot 527, Block 1 Seduan Land District, Rantau Panjang, 96000 Sibu, Malaysia
Tel: +6084-217629 Fax: +6084-216719
Email: Ferdinand.w@hungsengshipyard.com.my

32 M TUG BOAT

PRINCIPLE PARTICULARS	
Length Overall	: 31.650m
Length WL	: 29.000m
Beam Moulded	: 9.140m
Depth Moulded	: 4.200m
Draft Design	: 3.650m
Speed	: 12 knots
Deck Strength	: 5T/m^2
Class Notation	: NKK
Designer	: Naval Arch Marine

TANKAGE	
Fuel Oil	: 224 m^3 (Approx.)
Fresh Water	: 35 m^3 (Approx.)
Ballast Water	: 8 m^3 (Approx.)
Grey Water	: 6 m^3 (Approx.)

MACHINERIES / PROPULSION	
Main Engines	: 2 x 1600HP@1800rpm Cummins KTA50-M2
Gearbox	: R/R 5.95:1 Reintjes WAF665L
Propellers	: 2 x Fix pitch c/w Nozzle
Main Generators	: 2 x 80kW Duetz, Germany
Harbor Generator	: 1 x 50kW

AUXLIARY EQUIPMENTS	
F.O. Pump	: ITUR RC-1 ½”
Bilge & Ballast Pump	: 30m^3 / Hr @ 25m Head
Pressure Set	: 2.4m^3/hr @ 40PSI
Oily Water Separator	: CYF-0.25Y
Air-Cond	: Split Unit

ACCOMMODATION	
2 x 1 man Cabin	: 2 men
5 x 2 man Cabin	: 10 men
Total	: 12 men

DECK MACHINERIES	
Anchors	: 2 x 570kg
Anchor Chain	: 302.5m x 20.5mm
Anchor Windlass	: Electro Hydraulic
Towing Winch	: 40T Hyd. Towing Winch (Without towing wire)
Towing Hook	: 40T

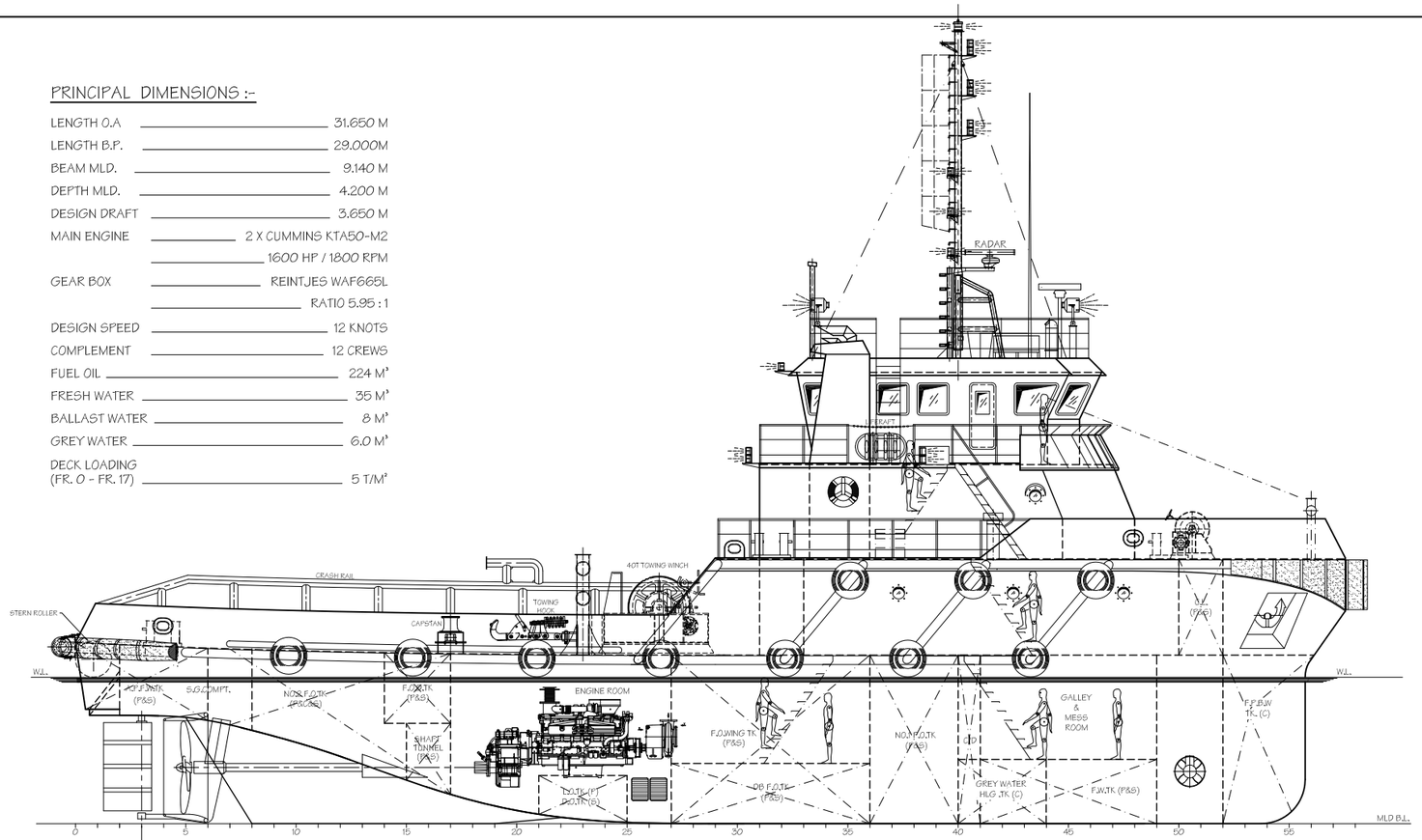
NAVIGATION & COMMUNICATION EQUIPMENTS	
Radar	: 1715 MKII [24NM]
GPS	: GP-32
Echo Sounder	: FURUNO FCV-620
Compass	: DAIKO T-150B
VHF	: ICOM IC-M304
SSB RADIO	: IC-M710
EPIRB	: SEP-406

OPTIONAL
Radio Communication GMDSS A3
Bow Thruster
External Fire Fighting – 1/4 FiFi
Internal Fire Fighting System (CO_2)
Generator Upsize to 130kW

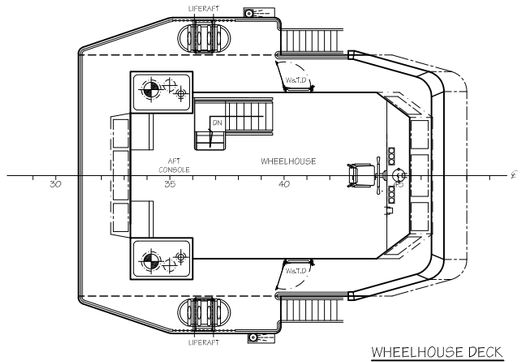
All information are believed to be correct but not guaranteed. The information contained is for reference only and shall be binding on the Company when a written contact or agreement is signed. Owner reserves the right to modify the specification with notification.

PRINCIPAL DIMENSIONS :-

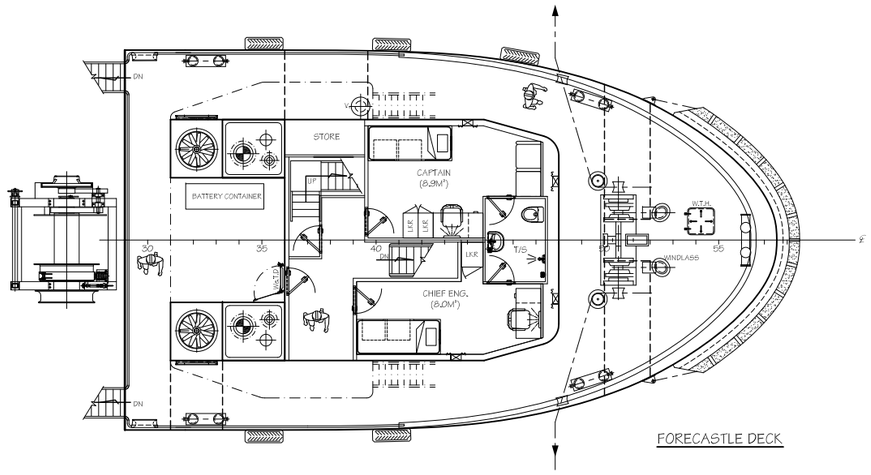
LENGTH O.A	31.650 M
LENGTH B.P.	29.000M
BEAM MLD.	9.140 M
DEPTH MLD.	4.200 M
DESIGN DRAFT	3.650 M
MAIN ENGINE	2 X CUMMINS KTA50-M2
	1600 HP / 1800 RPM
GEAR BOX	REINTJES WAF665L
	RATIO 5.95 : 1
DESIGN SPEED	12 KNOTS
COMPLEMENT	12 CREWS
FUEL OIL	224 M³
FRESH WATER	35 M³
BALLAST WATER	8 M³
GREY WATER	6.0 M³
DECK LOADING (FR. 0 - FR. 17)	5 T/M²



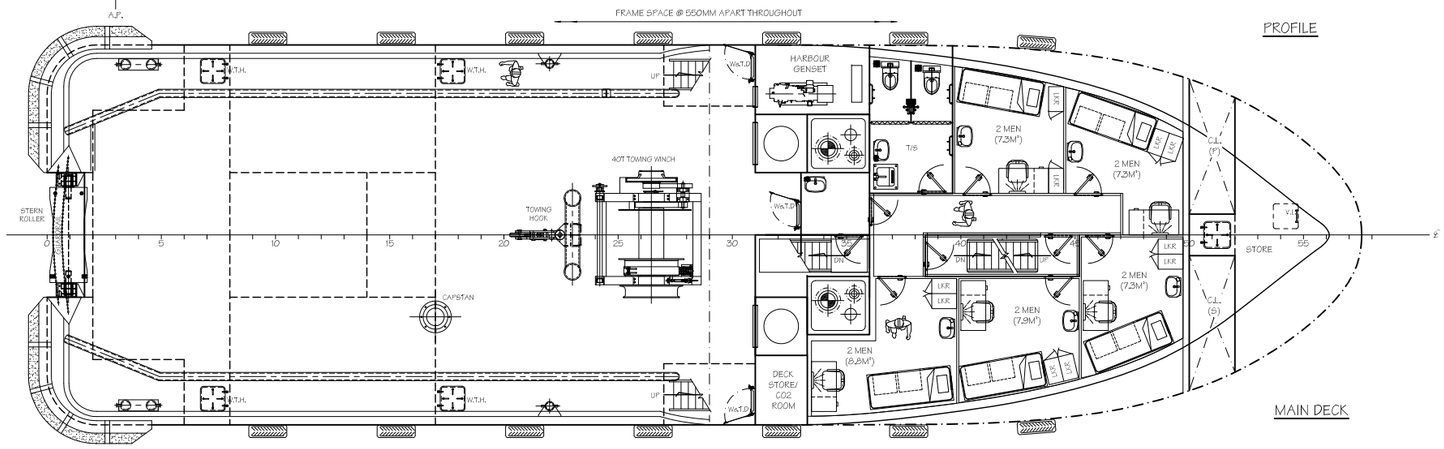
PROFILE



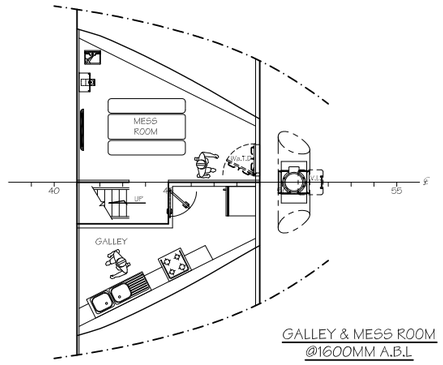
WHEELHOUSE DECK



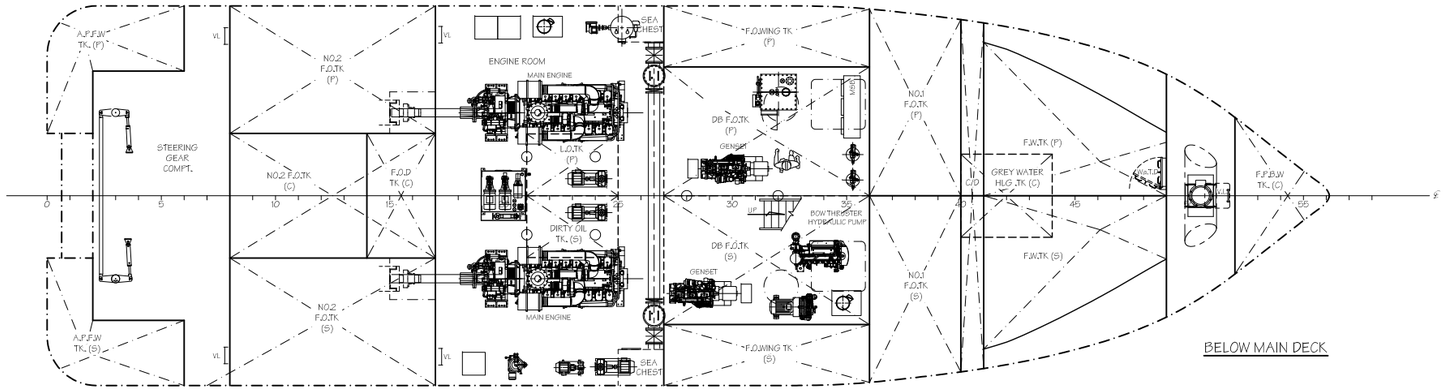
FORECASTLE DECK



MAIN DECK



GALLEY & MESS ROOM
@1600MM A.B.L



BELOW MAIN DECK

NOTES:

1. WEATHER TIGHT HATCH/DOOR IS TO BE KEPT CLOSE AT SEA AND A PERMANENT NOTICE TO THIS EFFECT SHALL BE DISPLAYED.

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REV.	DESCRIPTION	BY	DATE
REV.	REARRANGED LAYOUT AT DKHSE, GREY WATER HOLDING TANK REPOSITIONED	PT	17.06.14

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Sarawak, Malaysia
TEL: 010-4084467 E-MAIL: petertay@navalarch.com.my FAX: 084-211467

PROJECT: 32M UTILITY TUG

CLIENT: HUNG SENG SHIPBUILDING (M) SDN. BHD.		HULL/PROJECT NO : –	SCALE: 1 : 75
DRAWN BY Peter Tay	05 MAY 14	DRAWING NO : NA40-G1	REV. RA
CHECKED BY:			

TITLE: GENERAL ARRANGEMENT