



34M UTILITY VESSEL Specification



PRINCIPAL PARTICULARS

IMO	
Flag / POR	Tuvalu / Funafuti
Call Sign	
Official Number	
MMSI	
Class / Notation	ABS , *A1, *AMS
Length Overall	34.00m
Length B P	32.30m
Breadth Moulded	8.00m
Depth Moulded	3.30m
Draft [Loaded / Extreme]	1.85m / 2.30 m
Built / Place	2014 / Ningbo / China
GRT / NRT	215 / 64
DWT / Lightship	62.50 / 210.25 Tonnes

CARGO CAPACITIES

Clear Deck Area	6m X 12M
Deck Strength	3 MT/M2
Fuel Oil	50 cu.m
Fresh Water	20 cu.m
Ballast Water	16 cu m
Foam/Detergent	1 cu.m
Dispersant	5 cu.m

MACHINERY

Main Engines	02 x Chongqing Cummins K38-M at 596 KW @ 1800 rpm
Gear Box	Reverse Reductipn 3:1
Main Generators	02 x Dongfeng Cummins 6BTAS-GM100 at 100 KW @ 1500 rpm 415V / 3 Ph / 50 Hz
Oily Water Separator	1 x 0.5m3/h 15ppm
Bow Thruster	01 x 478 N-m , 75KW / 140Amps
Steering Gear	1 x electro-hydro 6KN-M
Propulsion	02 x 4 bl fixed pitch
Rudders	02 x CR pintle type
<u>DECK EQUIPMENT</u>	4 points mooring
Bow Anchors	2 x 320kg stockless
Chains Cables	2 x 17.5mm [P@4 & S@shackles]
Windlass	Electric diriven twin warping
Aft Anchors [wire rope]	02 danforth cw 180mx16mm dia
Aft Windlass	02 x Electric diriven twin warping

ACCOMMODATION

Crew [cabins]	12 pers [5 cabins]
Passengers [cushion seats]	20 pers
Cater	100 survivors
medical equipment	1 x safety ship set

RADIO AND NAVIGATION EQUIPMENT

GMDSS	A1 A2 comprising
MF/HF RADIO	01 x Furuno fs1575
VHF Radio cw DSC	01 x Furuno FM8900s
Radar	01 x Furuno FR8062
GPS	01 x Furuno GP 150
AIS	01 x Furuno FA 150
Radar Transponder SART	01 x Safesea 100
EPIRB	01 x E100 (406 MHz)
Portable VHF Radios	02 x FTGMDC / FT2800
Echo Sounder	01 x Furuno FE700
Navtex Receiver	01 x Furuno NX 700A
Satellite Compass	01 x Furuno SC 50
VHF Walkie Talkie	03 x Icom GP 328
PA intercom system	01 set
SART	01 X Pathfinder 3

PERFORMANCE

Maximum Speed	13.0 Knots cons 5500L/day
Economical Speed	10.0 knots cons 4800L/day

LSA

Liferafts	as per SOLAS and Flag Req'd
Rescue Boat	04 x 25 men
Search Lights	1 x 6 men cw 25hp outboard
Lifejackets	2 x 1000W
Lifebuoys	90
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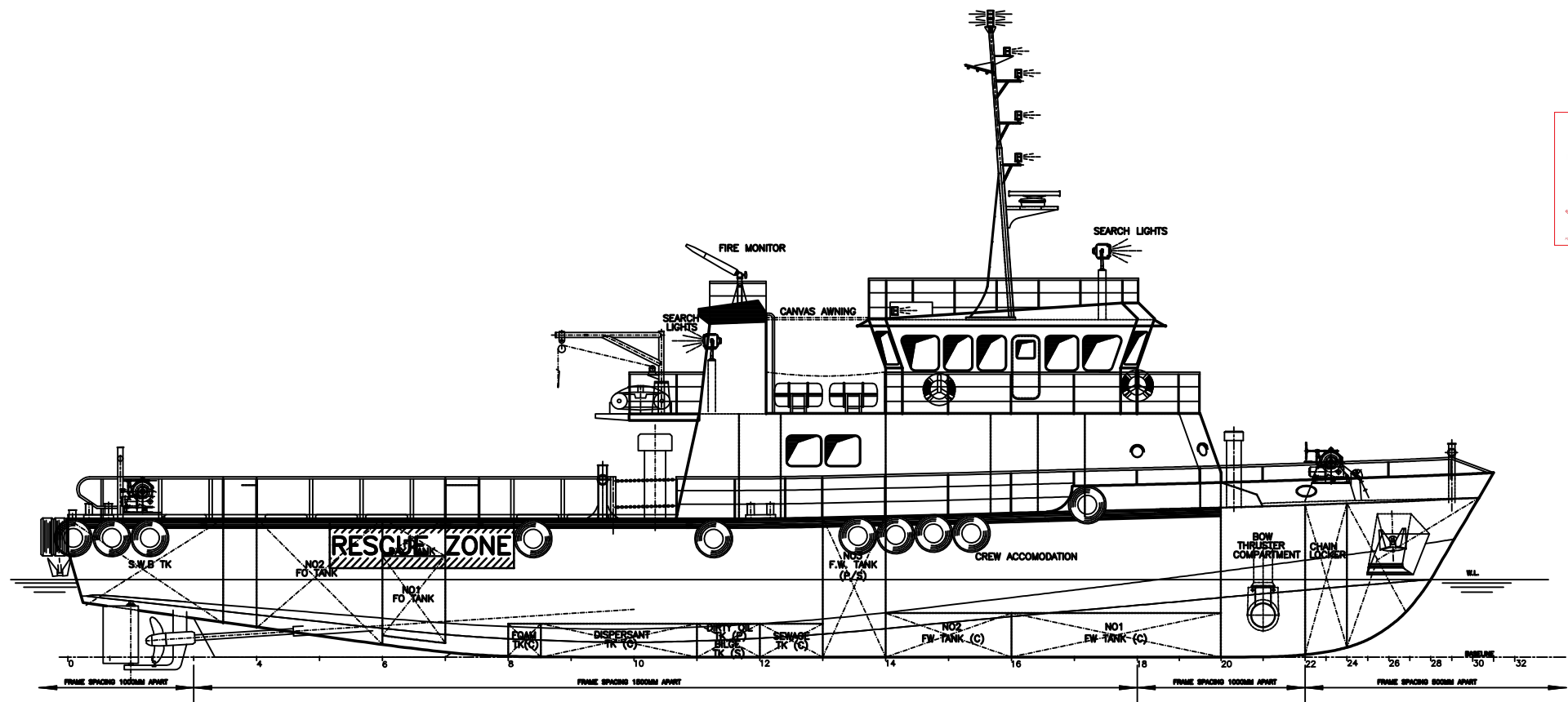
FIRE FIGHTING & ANTI-POLLUTION EQUIPMENT

Main Fire Pump	50m3/hr @100m motor driven
Monitors - (Water/foam)	50m3/hr @ 30m
Foam Mixing Unit	01 x 6.3 m3/hr
Dilute Pump	01 x 6.3 m3/hr
Oil Dispersant Boom spray	02 x 6 m lg cw 3 nozzles@3 m3/
Internal CO2 System	for Engine Room
Emergency Fire Pump	01 x 30 m3/hr

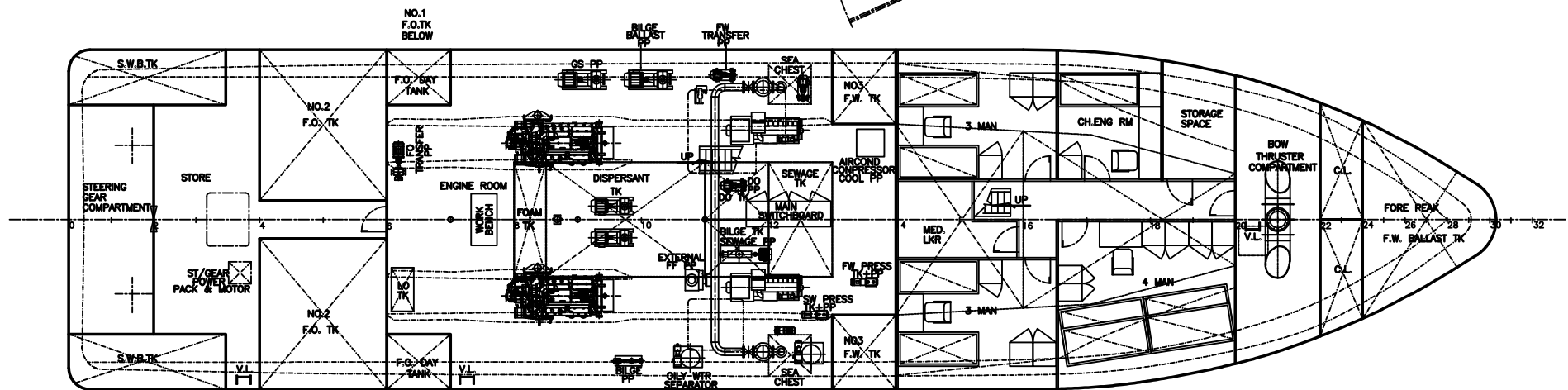
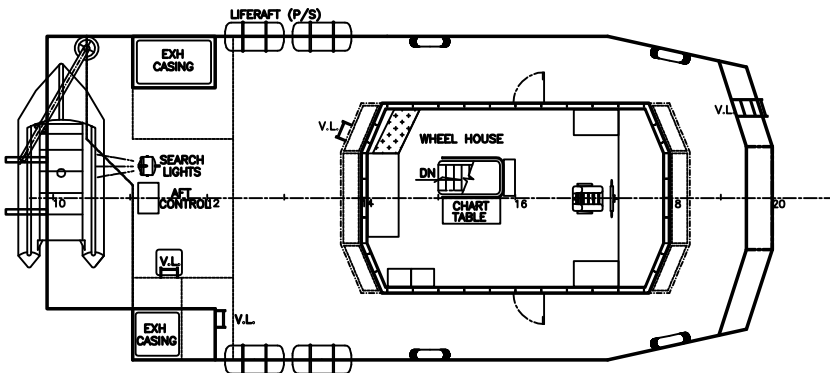
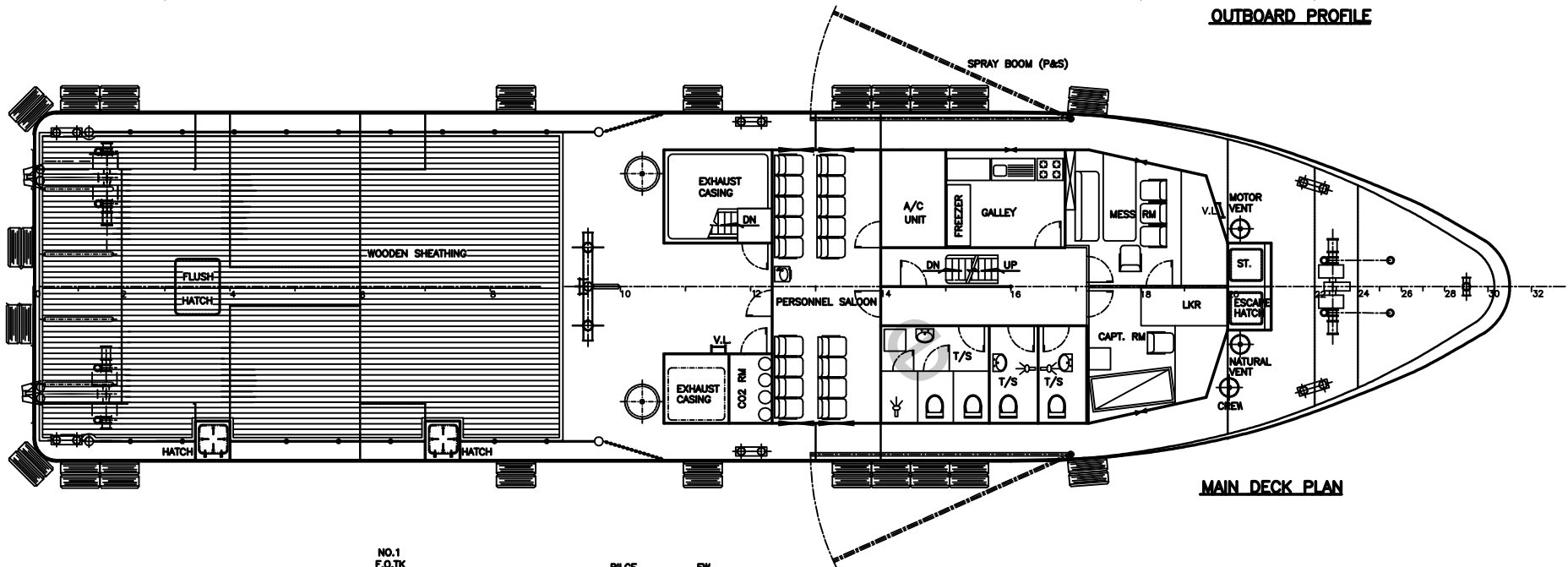
Particulars believed to be correct but not guaranteed. All figures given are approximate only.

Owner reserves the right to amend specification without further notice.

For any enquiry, please drop us a email at marketing@amsbach.com.sg.



PRINCIPAL DIMENSIONS	
LENGTH OVERALL	34.00 M
LENGTH WATERLINE	32.30 M
BREADTH MLD	8.00 M
DEPTH MLD	3.30 M
DRAFT LOADED	1.85 M
DRAFT EXTREME	2.30 M



APPROVED BY :
ON :

A	UPDATE AS PER DESIGN PROGRESS	IMA	16.05.15
NO.	MODIFICATIONS	BY	DATE
<div>SHIPTECH NAVAL ARCHITECTS 180 Paya Lebar Road, #08-06, Yi-Guang Building, Singapore 409032</div>			
Telefax: 67465871		Email: shiptech@singnet.com.sg	
Tel: 67466422			
PROJECT :		<u>34M UTILITY VESSEL</u>	
TITLE :		GENERAL ARRANGEMENT	
(A1) 08961			
OWNER :			
BUILDER :		HULL NO :	
DRAWN	AUNG	SCALE :	DWG. NO.
CHECKED		1:75	ST1696-G1
NOTED			REV. A
		SHEET 1 OF 1	