



ALLIANZ TAYA

45M LANDING CRAFT

CARGO DECK

Deck Strength	5T / m ²
Deck Cargo Tonnage	274 Tons
Clear Deck Area	300 m ²
Cargo Deck Dimension	L-21.6 X W- 9.7 X H-5M

LANDING DECK PARTICULARS

Ramp Max Angle	10°
Ramp Door (Length x Width)	7.2 m x 8.0 m
Ramp Capacity (SWL)	89.5 Tons

DECK EQUIPMENT

Windlass	2 x 5 Tons
Anchors	2 x 900 kg stockless
Ramp Winches	Available
Warping Drum	Available
Shackles	13 nos.

CAPACITY

Fuel Oil	343 m ³ @ 60 m ³ p.h.
Fresh Water	418 m ³ @ 60 m ³ p.h.
Drill /Ballast Water	81 m ³ @ 30 m ³ p.h.
Lube Oil	2.1 m ³
Dirty Oil	2.4 m ³
Bilge Holding Sewage Tank	2.3 m ³

DOCUMENTATION

Classification	Bureau Veritas (BV)
Year Built	2008
Keel Laid Year	2007
Place of Build	Kian Juan Dockyard, Malaysia
Vessel Type / Notation	Landing Craft / ⚓ Hull ⚓ Mach Deck ship Unrestricted navigation
Port of Registry	Funafuti
Flag	Tuvalu
Official No.	33510816
Call Sign	T2ZP4
IMO No.	9469716

MAIN PARTICULARS

Length Overall	45.50 m	149.28
Length BP	42.234 m	138.56 ft
Breadth Moulded	10.90 m	35.76 ft
Depth Moulded	3.30 m	10.83 ft
Draft	2.4 m	7.87 ft
Displacement (max)	846.586 Tons	
Displacement (operational)	742 Tons	
GRT / NT	488 tons / 146 tons	
Lightship Weight	436.180 Tons	
Deadweight	410.406 Tons	
Freeboard	812 mm	

Specifications are provided in good faith, subject to change, and without liability for errors or omissions.

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DELIVERY RATES

Fuel Oil	60 m ³ / Ltrs
Fresh Water	60 m ³ / Ltrs
Drill Water	30 m ³ / Ltrs

PERFORMANCE

Max Speed	8.5 knots	4. 08 m ³ - 24 hrs
Cruising Speed	7 knots	3.84 m ³ - 24 hrs
Economic Speed	6.5 knots	3.36 m ³ - 24 hrs

ACCOMMODATIONS

Cabins	7 total
Single Rooms	1 x 2
Double Rooms	2 x 5

*All cabins are fully air-conditioned, complying with ILO 92, IMO Resolution A468 (XII)

SAFETY EQUIPMENT

Fifi Class (Yes or No)	No
Life Rafts	2 x 25 Persons
Rescue Boat	1 nose Noreq RBB 425 / Diesel
Life Buoys	8 nos.
Life Jackets	24 nos.
Scrambling Nets	2 nos.
Overside Rescue Zones	2 nos.
Rescue boat Davit	1 nos.
Pump Capacity	60 m ³ / Ltrs
Emergency Fire Pump	1 nos.
Fire Monitors	1 nos.
Portable Fire Extinguishers	16 nos.
Oil Dispersant	50 ltrs
Searchlights	Anhul Sunny Electric Group
Dry Powder Extinguisher	16 nos.
Fire Hydrants	9 nos.
Fireman Suit	2 Sets
Oxygen Resuscitator	1 Set + 1 Spare Cylinder
SCBA Frenzy Comfort	4 Set + 6 Spare cylinders
Gas Detection System	Fixed Multi gas Detector

MACHINERY

Type / Model of Main Engine	2 x Cummins KTA 19 M3 477 kw @ 1800 RPM
Auxiliary Engines	2 x Cummins 6 BT 5.9 D (M)
Engines Max RPM	1800 RPM
Total Horsepower (BHP)	1362 HP
Types of Generators	2 x Cummins 6 BT 5.9 D (M)
Capacity of Generator	160 KW
No. of Generator required for normal operation	1 nos
Model of Bow Thruster	1 X Cummins BT 5.9 M 209 KW 2600 RPM
Type / Capacity of Bow Thruster	298 HP
Propellers	2 nos.
Main Propulsion Type	FPP
Propulsion	Twin Screw
Gearbox	2 x Reintjes WAF 364
Main Alternator	Stamford
Rudders	Semi Balance

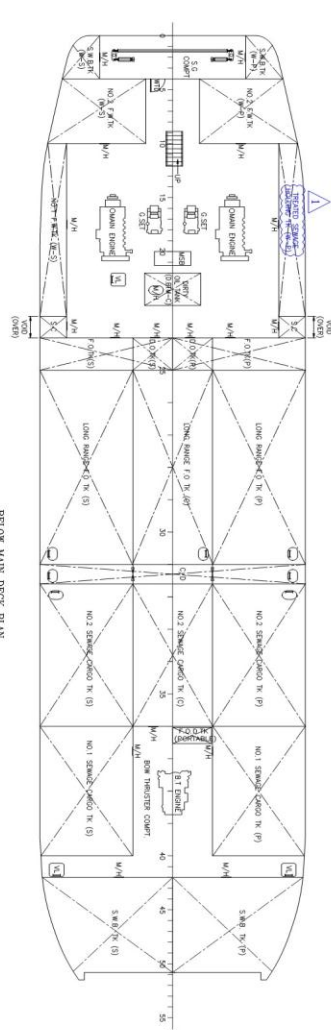
ELECTRONICS & CONTROLS

Radar ARPA	Furuno/FR 1505 MK3
Radar	Furuno/FR 1932 MK 2
Gyro Compass	TNQ APS
Magnetic Compass	Refl ec tor
GPS	Furuno Gp 150 Koden
GPS 2	KGP 920 UAIS
AIS	Samyung/SI 30
Echo Sounder	Samyung / SES 2000
Doppler Current Meter	Furuno DS-80
Auto Pilot	NY Drive
SSB	Samyung SRG-150 DN
VHF	2 unites SAILOR & NSR
NAVTEX Receiver	Samyang/SNX 300
DSC	2 units, Samyang/SRT 6000A
GMDSS	Samsung
Handheld VHF	3 nos
INMARSAT C	2 units, Furuno/Felcom 15
EPIRB	Samyang
SART	Samyang
Speed Log	Furuno
Public Address System	Steenhands
X – band TM radar	Furuno
ECDIS	Sailor
Anemometer	Clipper
Wind Indicator	Clipper
Telephone	Vingtor

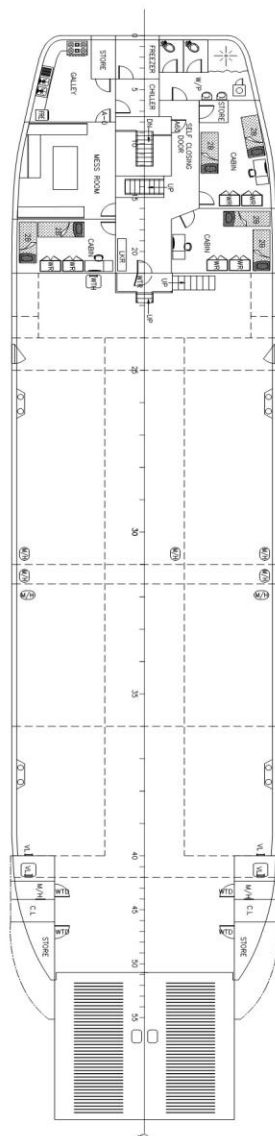
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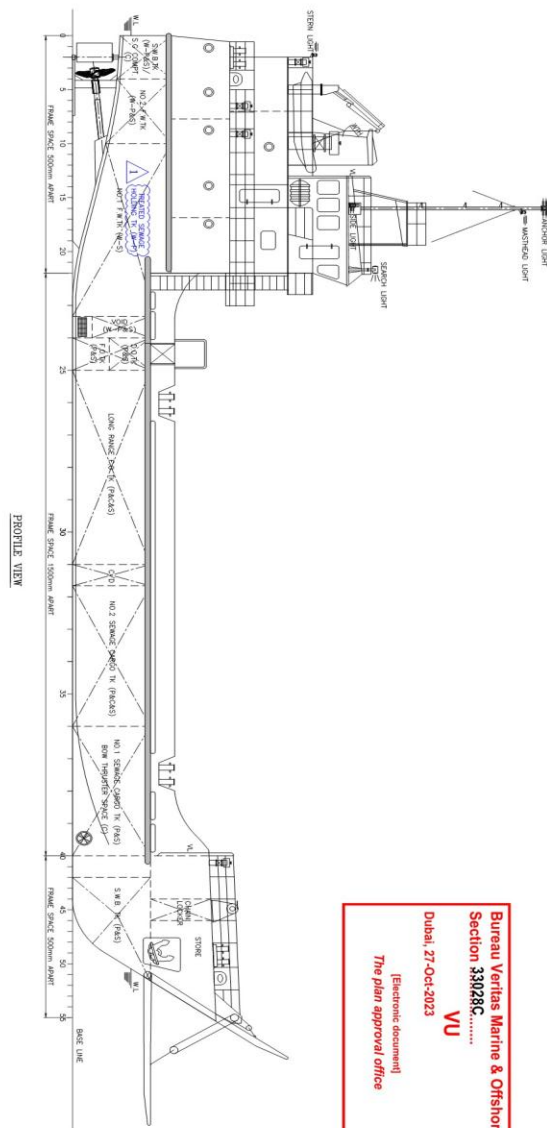
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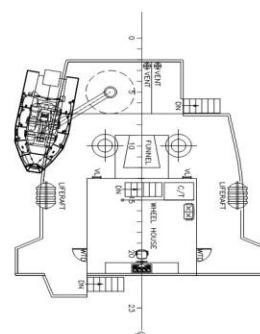
BELOW MAIN DECK PLAN



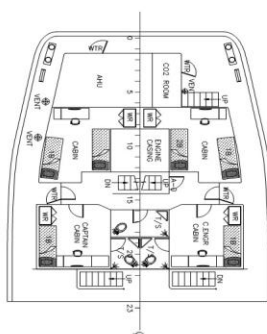
MAIN DECK PLAN



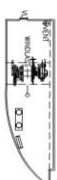
PROFILE VIEW



NAV. DECK PLAN



BOAT DECK PLAN



FORECASTLE DECK PLAN

REFERENCE DMC.
01 16 (1/19-1/20) OFFICIAL ASSIGNMENT PLAN

PRINCIPAL PARTICULARS

Length (BP)	42 234 m (138 56 ft)
Depth (m)	10 000 m (32 792 ft)

Design Draft	2 400 m	(7.87 ft)
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Design Speed	(Sub. for Freeboard Assignment) 11 knots
11 knots	11 knots

Main Engine	CUMMINS KTA19-M3
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Gear box	REINTJES WAF364L, KATTO 4 461.1
Generator	80KW x 2 Units

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