



PYRAMISA

Fast Crew Boat | 52 Seating Capacity
18 knots Max | 15 knots Service | 11 knots Economic

MAIN PARTICULARS

Length Overall	40.50 m	132.87 ft
Length BP	37.90 m	124.34 ft
Breadth Moulded	7.50 m	24.61 ft
Depth Moulded	3.65 m	11.98 ft
Draft (max)	1.8 m	5.91 ft
Draft (operational)	1.7 m	5.58 ft
GRT / NT	251 Tons / 75 Tons	
Displacement	223.81 Tons	
Lightship Weight	110.82 Tons	
Dead weight	112.98 Tons	
Summer Freeboard	1.9 m	

DOCUMENTATION

Classification	Bureau Veritas (BV)
Year Built	2011
Keel Laid Year	2010
Place of Build	Indonesia
Vessel Type / Notation	Crew Boat
Port of Registry	Kingstown
Flag	Saint Vincent and The Grenadines
Official No.	12727
Call Sign	J8B6254
IMO No.	9601845

CARGO DECK

Deck Strength	1.5 T/m ²
Deck Cargo Tonnage	109.9 tons
Clear Deck Area	18.6 x 6.11 m
Clear Deck Space	12 x 6.11 m
Deck Width	6.11 m

OTHER FACILITIES

Hospital	1 x 1 bed c/w standard clinic equipment
Washroom	3 rooms
Laundry	1 room
Galley	1 room
Mess Room	1 room

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

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ACCOMMODATIONS

Seating Capacity	52 pax
Total Accommodation	64 persons
Total No. of Passenger (For Charterer's Use)	52 pax
Single Men Berth	2 cabins = 2 men
4 Men Berth	3 cabins = 12 men

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

CAPACITY

Fuel Oil	99.9 m ³	26,386.19 USG
Fresh Water	20.43 m ³	5,400.35 USG
Lube Oil	0.63 m ³	166.43 USG
Dirty Oil	1.0 m ³	264.17 USG
Bilge Holding Sewage Tank	2.5 m ³	660.43 USG

PERFORMANCE & FUEL CONSUMPTION

Max Speed	18 knots	15.80 m ³ /day
Service Speed	15knots	13.08 m ³ /day
Economic Speed	11 knots	4.906 m ³ /day
Standby Fuel Consumption	0.24 m ³ /day	

MACHINERY

Type / Model of Main Engine	Caterpillar 3412E
Engines Max RPM	2300 RPM
Total Horsepower (BHP)	3 x 1100 BHP (Total 3300 BHP)
Propellers	3 x Mikado 4 Blade
Main Propulsion Type	FPP (Fixed Pitch Propeller)
Type of Generators	2 x Caterpillar C4.4 DITA
Capacity of Generators	2 x 93 KVA (75 KW)
Number of Generators	(1) Generator for normal operation
required for normal operation	(2) Generator for Maneuvering
Auxiliary Generator	2
Model of Bow Thruster	Global Thruster
Type/Capacity of Bow Thruster	93 BHP (Electrical)
Gearbox	3 x Twin Disc
Shaft	3 Nos Shaft
Rudders	2 X SS-316L
Main Alternator	2 x Leroy Somer, 1500 rpm
Transverse Thruster	Global Thruster

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SAFETY EQUIPMENT

Life Rafts	2 x 65 and 2 x 30 person
ABC Dry Powder 4.5kg	5 bottles
Water AFF 9ltr	5 bottles
Foam AFF 45ltr	1 bottle
Fireman Protective Suit	2 units
Breathing Apparatus	2 units
Fire Blanket	2 unit
Fire Box c/w hose & nozzle	5 stations
Fire Axe	2 units
Smoke Detector	20 units
Thermal Detector	6 units
Gas Detector	2 units portable
Portable Eye Wash	2 unit
EEBD	65 unit
Stretcher	2 unit
Portable O2 Resuscitator	2 bottles
Work Vest	06 units
Pyrotechnic	6 x parachute flares 12 x hand flares 2 x smoke signals 2 x line throwing apparatus
Portable Fire Extinguishers	DCP fire extinguisher = 11 units Foam Fire extinguisher = 5 units CO2 Fire extinguisher = 1 unit
Fire man out fit	4
Oil Dispersant	50 ltr
Searchlights	3
Life Rafts	2 x 65 and 2 x 30 person
Work boat	6 persons
Life Buoys	10 units
Life Jackets	82 units c/w light & whistle
Scrambling Nets	2 units
Overside Rescue Zones	2
DC Davits	Palfinger
Fire Monitors	2 x Merry weather Dual Purpose Monitor
Range	82.3m
Pump Capacity	1138 m ³ /h
Emergency Fire Pump	1 unit (Portable)
Fire Monitors	2 x Merry weather Dual Purpose Monitor
Fire Fighting Pump	1 x 1185 rpm; 1138 m ³ /h @ 82.3m head
CO2 System	2 bottles

ELECTRONICS & CONTROLS

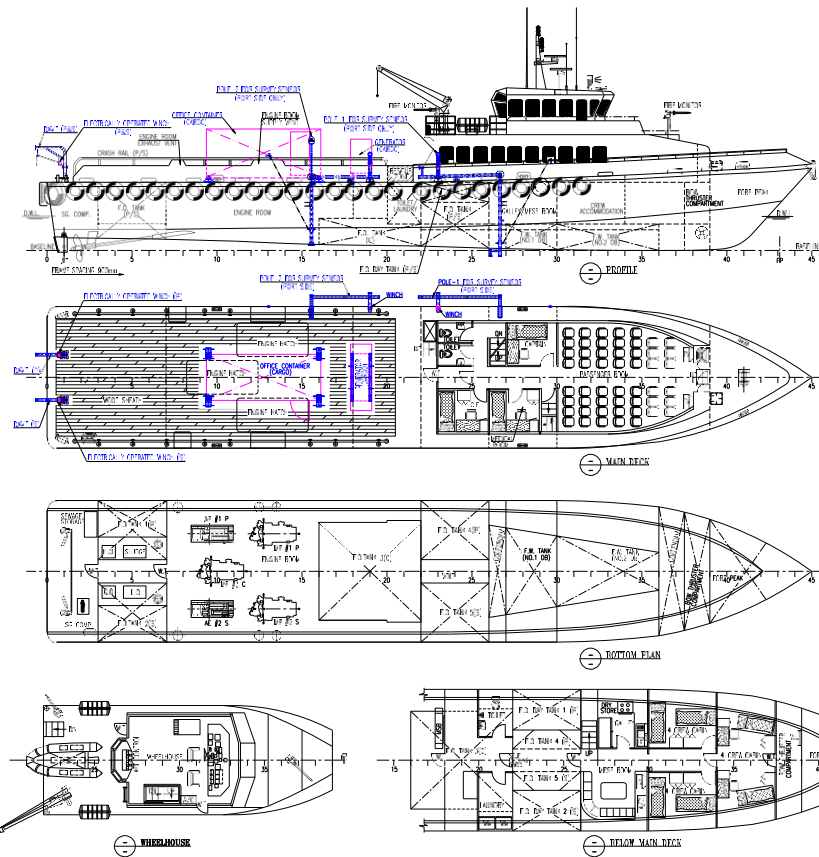
Radar 1	JRC JMA 5208H
Radar 2	JRC JMA 5208H
Gyro Compass	Simrad Ser. No. S 1045
Magnetic Compass	1 x Cassens & Path T12
Heading Sensor	1 x Airmar H2183
GPS	1 x JRC JLR-7500
Automatic Identification System (AIS)	1 x JRC JHS-182
Echo Sounder	1 x Alphanon DST 505
Auto Pilot	1 x Alphanon Alphasea Pilot MFC
SSB	1 x NSR NHR-1500
VHF / DSC	3 x Sailor RT 5022
MF/HF Radio Transceiver	1 x NSR NHR-1500
NAVTEX Receiver	1 x JRC NCR-333
Intercom	1 x Alphanon Alphacall MF
CCTV	1 x Alphanon Alpha Cam
Conning	1 x Alphanon Alpha Con MH3
Alarm System	1 x Alphanon Alpha Guard
Satellite Telephone	1 x Sailor Thrane & Thrane
Marine Horn	1 x Marco Marine Horn
VHF Handy Talky	2 x Icom VHF Marine Transceiver
GMDSS	1 x Sailor 3520
Handheld VHF	3 x Samsung
EPIRB	1 unit
SART	1 unit
PA System	Alphanon Alphacall
Anemometer	1x Simrad
Wind Indicator	1x Simrad
X – band radar	2 x JRC JMA 5208H-4 ft
Gyrocompass	SIMRAD Ser. No. S 1045

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GENERAL ARRANGEMENT PLAN - PYRAMISA



GENERAL NOTES:

01. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED

SPECIAL NOTE:

THIS DRAWING IS INTENDED TO BE USED FOR GENERAL ARRANGEMENT PLAN ONLY. IT DOES NOT PROVIDE ANY OTHER INFORMATION.
1. DO NOT SCALE THE DRAWING FOR ANY PURPOSE.
2. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTERLINE OF THE VESSEL.
3. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTERLINE OF THE VESSEL.
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REFERENCE DWG.

01. 1:1000-01 GENERAL ARRANGEMENT PLAN
02. 1:1000-02 STRUCTURAL DETAILS OF CONTAINER FRAMEWORK
03. 1:1000-03 STRUCTURAL DETAILS OF CONTAINER FRAMEWORK
04. 1:1000-04 STRUCTURAL DETAILS OF CONTAINER FRAMEWORK
05. 1:1000-05 STRUCTURAL DETAILS OF CONTAINER FRAMEWORK

LEGEND

— : MEASUREMENT
— : EQUIPMENT

PRINCIPAL PARTICULARS

LENGTH (O.A.) : 40.50 m
LENGTH (R.P.) : 27.90 m
BREADTH (M.I.D.) : 7.50 m
DEPTH (M.I.D.) : 3.65 m
DESIGN DRAFT : 1.80 m
COMPLEMENT : 14 CREW
IMO NUMBER : 9601845

PYRAMISA

REVISION	DATE	DESCRIPTION	BY	APP'D
01	15/06/2021	GENERAL ARRANGEMENT PLAN	ARIS	ARIS
02	15/06/2021	STRUCTURAL DETAILS OF CONTAINER FRAMEWORK	ARIS	ARIS
03	15/06/2021	STRUCTURAL DETAILS OF CONTAINER FRAMEWORK	ARIS	ARIS
04	15/06/2021	STRUCTURAL DETAILS OF CONTAINER FRAMEWORK	ARIS	ARIS
05	15/06/2021	STRUCTURAL DETAILS OF CONTAINER FRAMEWORK	ARIS	ARIS

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TITLE : GENERAL ARRANGEMENT PLAN

DESIGNER : ARIS
DATE : 15/06/2021
DWG. No : PA-12087/001
CHECKED BY : VP
JOB No : PA-12087
SHEET : 01 OF 01
SCALE : 1:1000
REV : A
SIZE : A3

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