



ALLIANZ SPECTRUM

UTILITY VESSEL | 4203 BHP | LOA 40m

DECK MACHINERY & EQUIPMENT

Crane	1 x electro-hydraulic, SWL 480kg @ 4m
Windlass	Hydraulic 10.9T@13m/min
Anchors	1 port side
Chains	27.5 m

CAPACITY

Fuel Oil	64 m ³	16,907 USG
Fresh Water	58m ³	15,321.98 USG
Lube Oil	0.97 m ³	256.25 USG
Dirty Oil	0.97 m ³	256.25 USG
Bilge Holding Sewage Tank	0.5 m3	132.09 USG

DELIVERY RATES

Fuel Oil	43 m ³ /hr @ 40m
Fresh Water	52 m ³ /hr @ 40m
Lube Oil	Wing Pump, Hand Operated 36L/min
Dirty Oil	Wing Pump, Hand Operated 36L/min
Bilge Holding Sewage Tank	2.3 m ³ /hr

PERFORMANCE & FUEL CONSUMPTION

Max Speed	20 knots	13.30 m ³ / 24 hrs)
Service Speed	12 knots	6.58 m ³ / 24 hrs)
Economic Speed	6 knots	2.90 m ³ / 24 hrs)

DOCUMENTATION

Classification	American Bureau of Shipping (ABS)
Year Built	2009
Keel Laid Year	2009
Place of Build	Indonesia
Vessel Type	✠ A1, HSC, (Maximum Significant Wave Height 2M), Coastwise Service, (E), ✠AMS,
Port of Registry	Portsmouth
Flag	Commonwealth of Dominica
Official No.	50997
Call Sign	J7AJ2
IMO No.	9556959

MAIN PARTICULARS

Length Overall	40.38 m	132.50 ft
Length BP	40.25 m	132.15 ft
Breadth Moulded	7.8 m	25.59 ft
Depth Moulded	3.4 m	11.15 ft
Draft (max)	1.3 m	4.27 ft
Draft (operational)	1.2 m	3.94 ft
Displacement	200.67 Tons	
GRT / NT	270 Tons / 81 Tons	
Lightship Weight	104.95 Tons	
Deadweight	95.71 Tons	
Summer Freeboard	1590 mm	

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

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ACCOMMODATIONS

Total Accommodation	5 Cabins
Total No. of Passenger (For Charterer's Use)	80 Seats.
2 Men Berth	5 Nos.

OTHER FACILITIES

Hospital	1 Nos.
Washroom	3 Nos.
Laundry	1 Nos.
Galley	1 Nos.
Mess Room	1 Nos.

SAFETY EQUIPMENT

Life Rafts	2 x 100-men / 2 x 30-men
Rescue Boat	1 x 6 men, inflatable
FRC Davit	Palfinger Marine PC 2300 B
Life Buoys	8 units
Life Jackets	102 units
Scrambling Nets	2 units
Overside Rescue Zones	1 portside & 1 starboard side
Monitor Control	remote controlled
Fire Monitors	1 x 1200 m ³ /hr
Range	120 m
Fire Pump Capacity	1 x 1300 m ³ /hr
Emergency Fire Pump	KAMA KDP 20 – 22 m ³ /h
Fire Monitors	377 EL
Portable Fire Extinguishers	19 Nos.
Fire Station	6 Nos.
Oil Dispersant System	Nozzle Type
Searchlights	3 x 1000 Watts, 2 Fwd & 1 Aft
Fire Fighting	Desmi S70-50-175LA09
Smoke Detector	18 Nos
Heat Detector	5 Nos
SCABA Sets	2 Sets
EEBD	115 Nos
Fireman Outfit	2 Nos

CARGO DECK

Deck Strength	2 T / m ²
Deck Cargo Tonnage	95.71 MT
Clear Deck Area	126 m ² (21m x 6m)
Deck Length	20.60 m
Deck Width	6.10 m

MACHINERY

Type / Model of Main Engine	3 x CAT C32, each 1,401 BHP @ 2,300 rpm
Auxiliary Engines	2 x Perkins PowerDrive
Engines Max RPM	2300 RPM
Total Horsepower (BHP)	3 x 1401 BHP (Total 4203 BHP)
Types of Generators	2 x Perkins PowerDrive,
Capacity of Generator	90kW each, 415V, 3ph, 50Hz
No. of Generator required for normal operation	2 Nos.
Model of Bow Thruster	Model S-60-80
Type / Capacity of Bow Thruster	Petter's Electrohydraulic / 100 BHP
Propellers	3 x Propeller
Main Propulsion Type	3 x Fixed pitch propeller
Propulsion	Triple Screw, Fixed Pitch, 5 Bladed Propellers
Gearbox	3 x ZF Marine 3050
Main Alternator	2 x Stanford 90 KW/415V/3PH/50HZ
Transverse Thruster	Peter electrohydraulic S-60-80
Rudders	RF45X Rudder Feedback
Steering Gear	Scandia Shipping 2239 PBD 30
Anti Corrosion System	Sonic Shield

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ELECTRONICS & CONTROLS

Radar	Furuno FR-1505 MK3 & 1932 MK2
Radar 2	Furuno 1932 MARK-2 / 1942 MARK-2
Gyro Compass	SIMRAD GC 85
Magnetic Compass	Cassen & Plath
GPS1	Furuno GP-150 / N S R
GPS2	GNSS Navigator
AIS	Furuno FA-150
Echo Sounder	Furuno FE-700
Depth Sounder	Furuno FE-700
Auto Pilot	Simrad
SSB	Sailor 6301
VHF	2 x Sumyung ENC STV-160
VSAT	HHTEK
NAVTEX Receiver	N S R
GMDSS	Furuno DMC-5 GMDSS
Handheld VHF	Furuno FM-8800S, Simrad
EPIRB	Jotron – Tron 60AIS
SART	2 x Mcmurdo
Speed Log	Furuno DS-80
Public Address System	Vingtor
Intercom System	Vingtor
Anemometer	SIMRAD
Satellite Tel/Fax	TT3064A Thrane & Thrane
VDR	NSR
PMS	UniFi6

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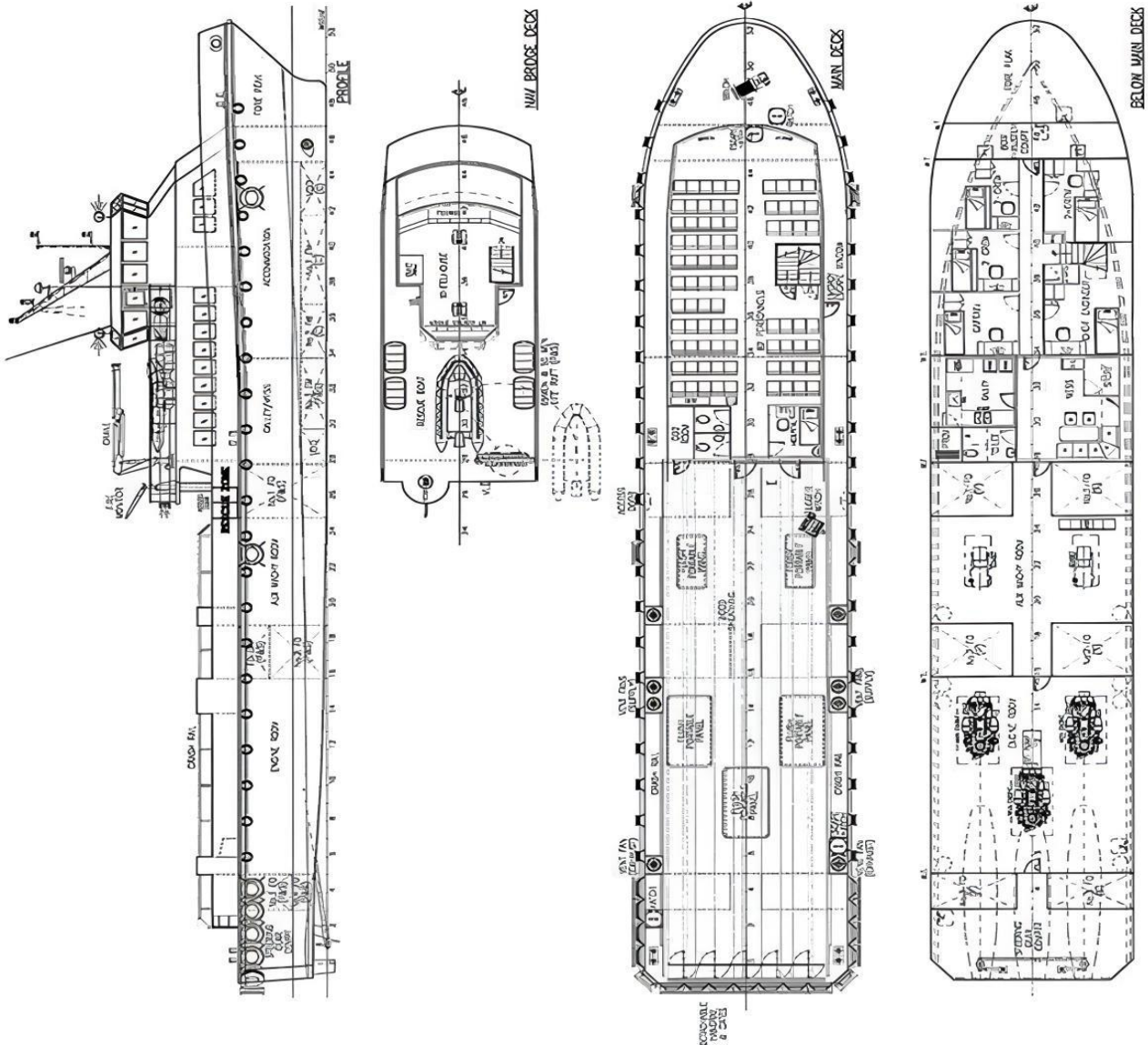
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PRINCIPAL DIMENSIONS	
LENGTH OVERALL	40.377 m
LENGTH WATERLINE	39.048 m
BREADTH MOULDED	7.80 m
DEPTH MOULDED	3.40 m
DESIGN DRAFT (MLD)	1.30 m
PERSONNEL	80

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