



ALLIANZ RADIANT 7

AHTS | 40T BP | 52m | 3200 BHP

TOWING & ANCHOR HANDLING	
Crane	2.5 Tonnes SWL c/w quick release control
Anchor Handling / Towing	Electric Hydraulic Driven, 40 Tons @
Winch	5m/min waterfall type, come with spooling device
Tugger Winch	ME5THGW - SWL 5 T
Winch Type	Electric /Hydraulic
Windlass	Hydraulic 6.0 Tonnes @ 12 m/min
Anchors	855kg AC-14 HHP Anchor
Anchor Chain	412 m Total Length @ 34 mm Dia. Grade 2 Stud Link Chains
Chains	Port Side: 7 Shackles / Stbd side: 8 Shackles
Stern Roller	Available
Capstans	Electric / Hydraulic - ME5THVC SWL 5T
Wire Rope	42 mm Dia x 750 Mtr, Galvanized steel wire, closed spelter socket on one end and plain on another end.
Rated Pull	10 m/ min
Brake Holding Load	50 Ton
Drum Capacity	Drum Dia.: 900 mm, Flange Dia.: 2000 mm & width 1300 mm
Brake Capacity	50 ton
Winch Wire Capacity	900 m / 44 mm dia

DOCUMENTATION	
Classification	Bureau Veritas (BV)
Year Built	2010
Keel Laid Year	2008
Place of Build	China
Vessel Type	1+ Hull + Mach + Tug, Supply Vessel Unrestricted Navigation
Port of Registry	Kingstown
Flag	Saint Vincent and The Grenadines
Official No.	12188
Call Sign	J8B5715
IMO No.	9543172

MAIN PARTICULARS		
Length Overall	53 m	173.88 ft
Length BP	48 m	157.48 ft
Breadth Moulded	12 m	39.37 ft
Depth Moulded	4.80 m	15.75 ft
Draft (max)	4.012 m	13.16 ft
Draft (operational)	3.8 m	12.47 ft
Displacement	1499 Tons	
Bollard Pull	40 Tons	
Brake Horsepower	2 x 1600 BHP (Total 3200 BHP)	
GRT / NT	764 Tons / 229 Tons	
Lightship Weight	797.9 Tons	
Deadweight	1001 Tons	
Summer Freeboard	0.2 m	

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

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PERFORMANCE & FUEL CONSUMPTION

Max Speed	12.5 knots	10.5 m ³ / 24 hrs (2ME)
Service Speed	10 knots	9 m ³ / 24 hrs (2ME)
Economic Speed	8 knots	7 m ³ / 24 hrs (2ME)

CAPACITY

Fuel Oil	698.66 m ³	184,566.45 USG
Fresh Water	147.71 m ³	39,020.85 USG
Ballast Water	58.92 m ³	15,565.02 USG
Lube Oil	4.94 m ³	1,305.01 USG
Dirty Oil	5 m ³	1,320.86 USG
Hydraulic Oil	4.71 m ³	1,244.25 USG
Bilge Holding Sewage Tank	6.41 m ³	1,693.34 USG
Foam	6.41 m ³	1,693.34 USG
Detergent	6.41 m ³	1,693.34 USG

DELIVERY RATES

Fuel Oil	1 x 100 m ³ / hr @ 50m Head
Fresh Water	1 x 50 m ³ / hr @ 50m head

ACCOMMODATIONS

Total Accommodation	22 Men banks
Single Men Berth	2 Cabin
2 Men Berth	2 Cabin
4 Men Berth	4 Cabin

CARGO DECK

Deck Strength	5 T/ m ²
Deck Cargo Tonnage	1100 T
Clear Deck Area	220 m ²
Deck Length	24.5 m
Deck Width	9.0 m

MACHINERY

Type / Model of Main Engine	Cummins KTA-50M2
Auxiliary Engines	3 Diesel (265 kW / 360 HP)
Engines Max RPM	1800 RPM
Total Horsepower (BHP)	2 x 1600 BHP (Total 3200 BHP)
Types of Generators	QSM11-DM
Capacity of Generator	265 Kw.
No. of Generator required for normal operation	Two (2)
Emergency Generator Capacity	63 HP / 47 KW.
Model of Bow Thruster	HRP SEVER 3001-TT
Type / Capacity of Bow Thruster	Tunnel Thruster / 1x 50 Tonnes thrust
Propellers	2 X FPP (with Kort Nozzle)
Main Propulsion Type	Cummins KTA-50M2
Propulsion	Deisel engine propulsion
Gearbox	Reintjes WAF665L
Main Alternator	Cummins Diesel Driven x 1 units
Rudders	2 x Conventional
Steering Gear	Kobelt SG-K7094DU20-5.0-35-T

OTHER FACILITIES

Hospital	Available (1 man bunk)
Washroom	Available
Laundry	Available
Galley	Available
Mess Room	Available

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SAFETY EQUIPMENT	
Life Rafts	4 units x 20 persons
Rescue Boat	1 unit x 6 persons
FRC Davit	Single Arm Davit / 21 KN
Life Buoys	8 Pcs
Life Jackets	28 Pcs
Work Vest	10 Pcs
Scrambling Nets	2 Units
Overside Rescue Zones	2 Zones
FRC Davit	Single Arm Davit / 21 KN
Monitor Control	Remote joystick
Fire Monitors	2 x 600 m /hr @ 12 Bar, 45m throw
Range	45m throw
Pump Capacity	1x1200 m ³ /hr @ 14 Bar, PTO from ME
Emergency Fire Pump	20 m /hr @ 25m Head, Engine Driven
Fire Monitors	2 x 600 m /hr @ 12 Bar, 45m throw
Portable Fire Extinguishers	As per SOLAS and Class requirement
Fire Station	08 Nos
Searchlights	2 Units
Night Vision Equipment	2 Pcs
Fire Fighting	FiFi ½ Class
Tine Throwing Apparatus	4 units x 4 projectiles and lines
Parachute Distress	12 Units
Rocket	
Orange Smoke Signals	2 Units

ELECTRONICS & CONTROLS	
Radar 1	1 x Furuno (FR-1510 MK3)
Radar 2	1 x Koden (MRD 108P)
Gyro Compass	1 x Tokimec TG-6000
Projection Magnetic Compass	1 x Saura Keiki / SR 165M / 1514
GPS	1 x Samyung SPR 1400 1 x Furuno GP170 1 x Samyung N500R
AIS	1 x Furuno (FA-150)
Echo Sounder	1 x Furuno (FE-700)
Doppler Current Meter	1 x Furuno (DS-80)
Auto Pilot	1 x SIMRAD (AP-50)
SSB	NSR - NHR-1500
VHF	1 x Furuno (FM-8800S) 1 x NSR (NVR 3000) 1 x SIMRAD (RS20S) 1 x ICOM (IC-M304)
NAVTEX Receiver	1 x Furuno (NX-700B)
GMDSS	3 x Entel (HT649)
Handheld VHF	4 x Standart Horizon (HX400)
INMARSAT C	1 x Furuno (Felcom 15)
EPIRB	1 x NSR / NEB - 2000
SART	1 x NSR / NRT-1000 1 x Samyung / SAR-9
Speed Log	1 x Furuno (DS-80)
Public Address System	Steenhans - ETB-100A
ECDIS	1 x SIMRAD (M5024)
Gyrocompass	1 x Tokimec TG-6000
PA System	1x Steenhans ETB-100A
Anemometer	1 x Navman (W3150)
Weather Fax	1 x Furuno (FAX-408)

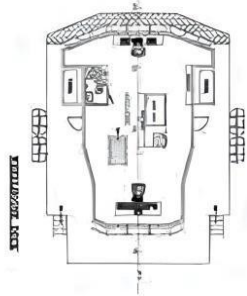
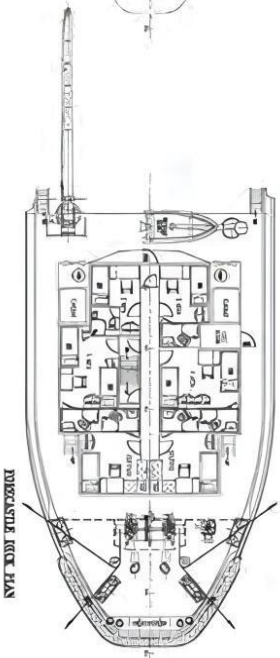
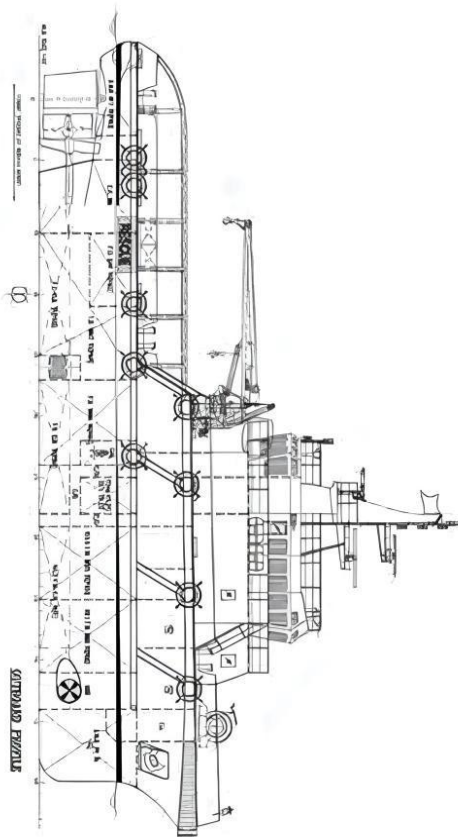
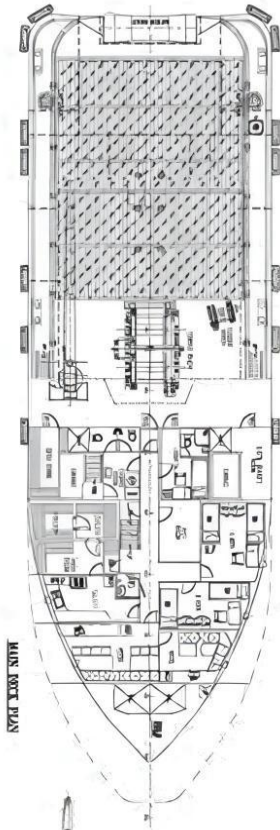
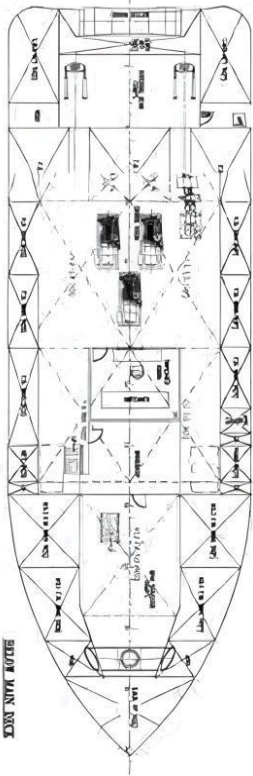
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PRINCIPAL DIMENSIONS	
LENGTH OVERALL	53.00 M
LENGTH WATERLINE	50.69 M
LENGTH BETWEEN PERPENDICULARS	48.00 M
BREADTH MOULDED	12.00 M
DEPTH MOULDED	4.80 M
MAX. DEFT MOULDED	4.00 M
ACCOMMODATION	22 MEN
TOTAL OIL	700 M ³
FRESH WATER	200 M ³
CLEAR DECK AREA (DECK LOADS = 5 T/M ²)	200 M ²
TOTAL POWER	2 x 1600 BHP
ENGINE	40 TONS
REDUCED FUEL	125 M ³
SPED	12.5 KNOTS



Pacific
Radiance

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Owner: Pacific Crest Pte Ltd

33m MULTI-PURPOSE UTILITY VESSEL

M.V. - Crest Radiant 1 / 131517

General Arrangement

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