General Description

Overview:
With a spike in popularity for the explorer concept among superyacht owners it is important to distinguish between those vessels that are styled in the shape of an explorer and those that are truly fit for purpose and the 90ft Rogue meets these criteria. The professional commercial to pleasure conversion focused on remote exploration with an efficiency, speed, range, reliability and shallow water access.
Her huge aft deck allows for storage of multiple tenders as well a spacious outside living area. It is also self-reliant, with unrestricted access to all mechanical functions of the vessel and includes a self-contained waste treatment system. Emphasis was also placed on incorporating a large solar array being at anchor without the constant usage of the generators. The economical and reliable engines offer ideal cruising speed with low fuel consumption. The 8 ton deck crane is unheard of in a vessel of this size, allowing the launching and use of large tenders. The 25' Safe boat tender has a range of approximately 250nm with reserve.
This feature greatly increases the vessel's ultimate range for extensive exploration of areas not accessible with a large vessel.
One of the unique features is the 8 ton capacity crane and huge aft deck for carrying large tenders, cars, containers or submarines. This is unique to a vessel only 90' in length achieved by the catamaran design's inherent stability.
Other features include efficient power systems, a large 2500-watt solar power array, highly efficient HVAC system, LED lighting throughout, waste treatment, large battery bank and mechanical main engines plus duplicate systems for maximum reliability.

Construction:
The vessel is built entirely with high strength marine grade 5083 alloy and 6061-T6 framing for maximum stiffness and 3 foot transverse frame spacing and 1 foot longitudinal spacing. The plating is 5/16” thick under the waterline, ¼” for hull and decks and 3/16” for the superstructure. Additional framing and thicker plating were used in higher loaded areas such as engine beds, deck and mast supports and major bulkheads. This vessel was originally built for the waters around Newfoundland and Labrador where ice is common into July. The vessel is not ice classed but was built with this environment in mind.
The hydraulic system is driven by two independent variable displacement load sensing hydraulic pumps driven by the main engines, as well as a 220V AC electric pump for back up. This ensures efficient, reliable and on demand power steering, bilge and blast pumps, the anchor winch and tender crane. The system has been designed to reduce the possibility of single point failure and easy maintenance using simple parts and duplicity.
She features a reliable on board technical system fitted with mechanical engines, backup systems, a 2500 watt solar power system, a high efficiency HVAC system, LED lighting, waste treatment and large battery bank that makes her a green self sufficient vessel even in the most remote of areas.
The interior arrangement is 100% new. Expanded to include 2 lower double guest suites, 1 on-deck double stateroom, captain’s cabin and crew accommodations, All staterooms have en-suite baths. The modern interior is light, practical and functional.

Specifications:
Engines
Twin engines - total Power: 800 HP

Starboard Engine: Cummins Model: NTA855 Engine Hours: 10
Engine Power: 400 HP
Port Engine: Cummins Model: NTA855 Engine Hours: 10
Engine Power: 400 HP
Crusing Speed: 12 knots
Maximum Speed: 16 knots

Tanks
Fresh Water Tanks: (3,000 Gallons)
Fuel Tanks: (12,300 Gallons)

Accommodations
Three double bed guest cabins (one on the main deck, one in each hull)
Crew cabin forward with 4 berths
Crew lounge has one crew berth
Captain’s cabin with one berth
All have en-suites
The laundry room and tool room (each 8’ X 16’) could be additional accommodation.

Accommodations & Layout:

MAIN DECK
The 35’ x 30’ aft deck is impressive, designed to accommodate up to two large tenders, submarine, folding wing aircraft, or small helicopter. The hydraulic boom crane is specifically designed for easy launching and retrieval, and there is still ample living space for an outside living area with an Elm slab table and 10’ x 25’ awning.
The aft end of the deck has a staircase port and starboard leading to the swim platform and a watertight door leading to a tool room/diving center in the starboard hull and a large 16’ x 8’ laundry/Watermaker room in the port hull.
Forward on the main deck has two large side decks with stairs on each side leading to the upper deck. The port side has a separate crew entry that leads to the galley and crew lounge.
The forward end of the aft deck has one door, port and starboard leading to the engine rooms, and one large door leading to the salon.
The salon is a spacious 25’ x 15’ with vaulted ceiling, dining area and living and entertainment area. To port and starboard are the staircase to each lower VIP suites.
Further forward on the main deck, to starboard is the galley with a practical layout of beige Quartz counters, maple cutting board and further forward a private crew lounge with a dinette, one watch berth and networked TV.
Amidship forward of the galley is one 4-berth crew stateroom with a private ensuite toilet and shower.
To starboard on the main deck is a small foyer, leading to a spacious queen bed stateroom with a large ensuite toilet and shower.
The upper deck may be reached from both port and starboard outside stairs, or inside stair that leads directly from the galley to the pilothouse.

UPPER DECK
The upper deck consists of a full width deck with walk around side decks leading to the foredeck, anchor winch, mooring bits and deck storage, pilothouse, captain’s cabin with head and a ships office. Outside stairs lead from the upper deck to the fly bridge. Aft of the pilothouse is a large 25’ x 20’ deck with 2500 watt solar panels and the hydraulic boom crane.
The pilothouse is large with adjustable air cushioned dual pilot chairs, 16’ wide electronics console 29 double glazed windows, three heated with windshield wipers. There are three Dutch watertight doors leading outside aft, to the port side deck and to the starboard side deck. Further aft to starboard are the ships electrical panels and a ships office with a desk and drawers. Amidships is the captain’s single cabin with an en suite toilet and shower.
Aft of the pilothouse is a stair leading to the very large fly-bridge with the electronics mast and upper helm.

LOWER DECK
Entered from the salon are two lower VIP suites with a foyer, walk-in closet, a queen bed stateroom and large head and shower. These staterooms are very private and have a beautiful view from the 3 large lower windows port and starboard.
Aft on the lower deck separated by a watertight bulkhead are the engine rooms which are two level with excellent access to all machinery.

Galley & Laundry - New 2015:
Samsung 5 burner electric with convection oven (2015)
LG double door S/S refrigerator/freezer with ice maker & dispenser (2015)
Samsung ultra quiet dishwasher (2015)
Panasonic microwave (2015)
Bread maker (2015)
S/S sink (2015)
Samsung large load washer & dryer (2015)

Electronics:
Suzuki commercial scanning sonar
Furuno 1845 64-mile radar (2015)
VHF
Nobletec navigation system (2015)
Dedicated ships HP computer with i5 processor (2015)
Dual Samsung flat displays
Icom M-502 VHF
Furuno GP32 GPS GPS (2015)
Comnav autopilot
Dual Floscans fuel monitors

30 June 2016 - Listing ID: {1254461}
Sitex Class B AIS receiver/transmitter with dedicated GPS network (2015)
Dual helm controls
Furuno FCV 295 color commercial fish finder/sonar
Raymarine wind instruments
Dual deck HD cameras networked (2015)
Custom internet wifi system (2015)
Plastimo compass
Flybridge portable engine controls for docking port or starboard (2015)
(3) speed wind shield wipers
(3) heated windows
Dual EPIRB
Dual SART MOB locator

Electrical System - New 2015:
21 KW Norpro generator (10 hours – October 2015)
33 KW Norpro generator (10 hours – October 2015)
2500 watt solar system (2015)
12 VDC & 24VDC systems (2015)
110VAC & 220VAC 60 hz (2015)
100 amp Shorepower (2015)
(12) rolls 400 amp hour 6V house batteries (2015)
(2) networked 4000 watt inverters with dual Outback 60 amp solar controllers (2015)
(10) 240 watt Canadian solar panels (2015)
Vessel’s domestic systems fully operate on solar with the exception of HVAC
Dual Comfort Aire 42,000 BTU 220 VAC inverter heat pumps (2015)
(9) 12,000 or 9,000 air handlers with (9) zone controls (2015)

Deck Equipment:
8 ton hydraulic crane (submersible capable) – (2015)
2006 25’ Safeboat with foam collar aluminum RIB with T 135 Honda outboards
12’ Highfield RIB with 20 hp outboard (2015)
Dive locker 8’ X 16’
Mud room/laundry room 8’ X 16’
Twin Disc power commander engine controls
(29) double glazed windows in pilothouse
Dual anchors 350# & 300# with 350’ ½” cable and 70’ ¾” chain
Aluminum commercial anchor hydraulic drum winch
Aft snubbing hydraulic winch with portable controls
Custom hydraulic boom crane 10,000# capacity with PL5 Pullmaster winch & one M6 Pullmaster winch with on deck proportional controls
All Dyneema rigging and Crosby blocks (2015)
(4) large bollards port & starboard
(18) various deck lights (2015)
(1) 12-man RFD Solas liferaft in canister with hydrostatic release
(10) life jackets
(6) fire extinguishers
Large CO2 engine room fire suppression system
(12) flares
(3) ring buoys with MOB lights
Engine alarm system
Bilge alarm system
(5) fire/CO2 alarms
25’ 2006 Safeboat, aluminum pilothouse RIB with dual 135 hp 2015 Honda engines
Safeboat equipped with Garmin radar, GPS chart plotter, Wabasto diesel heater, Scanning sonar and ICOM VHF. Safeboat has 250 mile range.
(1) 12’ Highfield aluminum inflatable with 2015 20 hp outboard
(2) 8’ plastic kayaks (2015)

Mechanical Equipment:
(1) Applied Membranes 220VAC 1600 gallon/day water maker (2015)
(6) Raritan Elegance heads with FW flush (2015)
12-person MSD sewage treatment system (2015)
Fresh water filter system (2015)
Fuel transfer system dedicated dual Racor filters on each engine & generators
Bilge ballast system
(4) Hydraulic pumps, 2 dedicated to emergency bilge pumps and 2 dedicated to ballast system
Ballast systems allows the ship to be kept in trim no matter how much fuel & water is onboard remoted from bridge
4 blade 32X32” Humbolt props (2015)
Twin Disc MGX-5145RV 2.5:1 transmissions with mechanical "come home"
3.5" S/S shafts
S/S rudders with emergency tiller

Safety:
Dual EPIRB
Dual SART MOB locators
(1) 12-man RFD Solas liferaft in canister with hydrostatic release
(10) life Jackets
(6) fire Extinguishers
Large CO2 engine room fire suppression system
(12) flares
(3) ring buoys with MOB lights
Engine alarm system
Bilge alarm system
(5) fire/CO2 alarms

IMPORTANT: The Company offers the details of this vessel in good faith but cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. A buyer should instruct their agents, or their surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to prior sale, price change, or withdrawal without notice.

Long-range Wave-piercing Expedition Catamaran Images