

CUSTOM 141 ' EXPEDITION YACHT



MAKE	MODEL	LENGTH	YEAR
Custom	141' Expedition Yacht	141'1"	2006

BOAT NAME	HULL MATERIAL	DRAFT	NUMBER OF ENGINES	FUEL TYPE	LOCATION
Marcato	Steel	7 ft, 7 in	2	Diesel	Fort Lauderdale, FL, USA

An ocean-proven passage maker built of steel and aluminum and designed for low maintenance, offering a huge array of on-board amenities & facilities, while offering luxury yacht accommodations along with an 8000 NM range. A multi-million-dollar refit, including new interior and expansion of owner's deck plus new paint, was completed at Rybovich in 2018. Large capacity crane on foredeck allows for carrying large tender, motorcycles, submersible and other assorted fun-makers that other yachts in this size range cannot carry.

MEASUREMENTS

<ul style="list-style-type: none"> - Cruising Speed: 12.5 kn - Max Speed: 14 kn - Range: 8000 nmi - LOA: 141 ft - LWL: 130 ft - Beam: 39 ft 9 in - Min. Draft: 7 ft 6 in 	<ul style="list-style-type: none"> - Max Draft: 7 ft 7 in - Fuel Tanks Cap.: 20000 gal - Fresh Water Tanks Cap.: 6000 gal - Holding Tank Cap.: 2142 gal - Number of Cabins: 5 - Number of Bathrooms: 7 - Number of Heads: 11
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PROPULSION

<p>Engine #1</p> <ul style="list-style-type: none"> - Engine Make: CAT - Engine Model: 3508B - Primary Engines: Inboard - Drive Type: Shaft Drive - Location: Port - Engine Year: 2006 - Hours: 6911 - Power: 1000 hp - Propeller Type: 5 Blade 	<p>Engine #2</p> <ul style="list-style-type: none"> - Engine make: CAT - Engine Model: 3508B - Primary Engines: Inboard - Drive Type: Shaft Drive - Location: Starboard - Engine Year: 2006 - Hours: 6907 - Power: 1000 hp - Propeller Type: 5 Blade
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ACCOMMODATIONS

The Master Suite is located on Owners Deck along with a skybar lounge and private deck. Luxuriously appointed and located one deck above the main deck the owner's deck has its own private aft deck with a stylish lounge/bar. Full his and hers hanging lockers and an expansive head featuring a large shower.

4 x Guests Suites

The four guest suites on the lower deck include two spaciouly designed queen cabins and two oversized twin cabins with a double and extra-long twin.

Dining Areas

Dining areas are numerous and provide excellent diversity ranging from elegant formal dining on the main deck forward of the main salon. A large dining table on the aft main

deck provides an alfresco option. The breakfast nook in the galley proves to be very popular at any time of day. There is a dining table on the owner's deck. The deck above the pilothouse also features a large bar with 360-degree views.

Exercise Room/Gym

Between the guest and crew accommodation areas there is a large exercise room with overhead height to allow full extension of free weights while standing. This space double as a massage spa.

Crew facilities are in the bow.

The crew enjoys a spacious lounge and large galley located on main deck forward and separated from main deckhouse. This galley has its own appliances, a large settee and dining table, and TV. This area is accessed via the crew companionway stairs below or from a large watertight door aft from the well deck. This arrangement provides exceptional privacy for the owner and crew.

The Captain's cabin located aft of the pilothouse. This spacious cabin and private head are close to the bridge and navigation desk.

Three crew cabins are forward on the lower deck and are separated from the guest cabins by a watertight door that allows interior access and passage to the guest companionway for service and passage in inclement weather. The crew cabins are large with full sized berths, large private heads and showers, and are very well appointed.

Storage space is maximized throughout the vessel with lids accessing compartments in the twin staterooms, crew cabins and crew lounge. Convenient storage area under the forward stairs to crew lounge.

Aft deck and cockpit

Aft Deck

Longitudinally planked teak decking with margin boards and a 316L brushed stainless steel cap rail that shows that this is not a commercial vessel as one enters the aft deck from the cockpit. Two large cabinets with gloss white micro-glass tops contain a U-Line refrigerator with external cooling fan, Franke bar sink. Fifteen dimmable overhead lights and four stereo speakers are flush mounted in the overhead. There is also a security camera and cockpit overhead lights. Two hydraulic warping windlasses and bits are located port and starboard with stainless steel fairleads in the bulwarks. An exquisitely crafted, large, teak dining table with inlays and high gloss finish is mounted on stanchions. A built-in lounge seat is facing forward and moveable chairs face aft to easily accommodate twelve at the table for dining under the covered aft deck.

Cockpit

Large cockpit with stainless capped bulwarks and transom door provides easy access to the full-beam swim platform for easy access to tenders and floating docks. Towing bits and fairleads are 316L stainless steel. A removable sunshade provides shelter from sun or rain. Access to the lazarette via an oversized watertight door provides easy access to line storage, water sports equipment, ice machine, tender fueling station and engine room access. Fishing rod holders are mounted in the bulwark might as well troll dinner on a passage. Teak in cockpit and swim, custom carbon fiber swim ladder.

Pilothouse

Located on the 02-deck allowing superb visibility and excellent comfort at sea due to the house aft configuration. Pilothouse windows are raked forward and equipped with de-fogging vents and Wynn Marine window wipers with washers. Port and starboard pilothouse doors allow easy access to wing control stations and external stairway to upper and lower decks. There is a raised seating area aft of the helm area, a navigation desk with 40" navigation chart, and proper chart table with full size chart storage drawers. An excellent array of navigation and communication electronics with complete redundancy is installed and ergonomically arranged for long passages.

Machinery

- Main Engines: 2 x 1000hp @ 1600 RPM Caterpillars 3508B
- Engine Hours
- Gear Boxes
- Reduction Gears: Reintjes free standing WAF542 with 3.52:1 reduction
- Shafts & Propellers 2 X 5 blade 60 x 52 pitch
- Shafts X 2 4.5 x 20 -Aquamet 22

Range, Speeds & Fuel Consumptions

Consumptions	Range
<ul style="list-style-type: none"> - 14 knots (maximum), 325 L/hr (85.9 gal/hr) 12.5 knots (cruising), 200 L/hr (52.8 gal/hr) - 10 knots (economical), 75 L/hr (19.8 gal/hr) - (Total consumption excludes 11.3 L/hr (3 gal/hr) for generators) 	<ul style="list-style-type: none"> - 2997 Nm at 14 knots - 4182 Nm at 12.5 knots - 7600 Nm at 10 knots

Generators and Electrical Systems

Generators	Electrical System
<ul style="list-style-type: none"> – 2 x 99kW KiloPak generators, 208V, three phase, keel cooled, with electric starts, resilient mounts, soundshields and hospital grade muPers. These units are exceptionally quiet. – Port Gen: 3,573 hrs smoh. – Starboard Gen: 8,774 hrs smoh 	<ul style="list-style-type: none"> – 240/208 volt, 3-phase, 3-wire primary system with power supplied through transformers. ABS and – IEEE 45 standards compliant – DC Emergency Power Backup. Electrical System for emergency lighting, communications, navigation, alarms, etc – Shore Power: 2 x 100 amp 208/ 240 – Batteries: 4 x Newmar battery chargers

Tankage

<ul style="list-style-type: none"> – Tank Capacities (Approximate) – Fuel: 20,000gals(75,700L) – Water: 6,000gals (22,710L) – Watermakers: 2 X WMSQ 2500 GPD Watermakers Inc – Lub Oil: 567 gals (2182 L) – Dirty Lub Oil: 238 gals (916 L) – Grey Water: 2142 gals (8246 L) – Black Water: 2142 gals (8246 L) – Ballast:10,000 gals (37,800 L)
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Stabilizers and other ancillary systems

<ul style="list-style-type: none"> – Quantum Hydraulic Systems powering windlasses, stabilizers and bowthruster – Steering System Jastram – Bow Thruster Quantum – Stabilizers Quantum Hydraulic System with 4 Nns/Zero speed – Fuel Filters Dual Racors on main engines – Fuel Oil Separators Alpha Laval Fuel Centrifuge MAB 103 – Fire/Bilge Pump MP Flomax Pumps x 2 – Boilers Rheem Non-metallic - 2 each at 105 gal – Sewage Treatment Headhunter sewage treatment system – WC's Headhunter

- Airconditioning Cruiseair 30 ton, 3 compressors, 360,000 BTU, HVAC chilled water system with frequency drives
- Ventilation Delta T Air system.
- 2 x Fresh Air make up system

2 x air compressors

Safety and Fire Equipment

- Safety, Fire & Security
- Safety Fully Compliant with ABS and MCA safety requirements Lifesaving appliances to include rescue boat and life rafts
- Fire Protection
- Cantenary lightning protection
- Structural Nre protection as required by class and MCA
- Fire Nghting system with Nre mains on all decks
- Fire detection system
- Fixed Nre extinguishing system in machinery space
- Security system with CCTV Cameras, door alarms, motion detectors, tender alarm

Deck equipment

- 1 x Furuno
- Furuno Navtex NX700 A B&G
- AIS and Furuno AIS 150
- Dual anchoring system on the foredeck featuring hydraulic winches with chain cats and windlass drums, handwheel brakes and tensioners, chain stops, stainless steel spurling tubes and anchor chain wash.
- Two fiberglass dunnage boxes are on foredeck. Twelve 316L stainless steel flush threaded deck sockets for removable padeyes on foredeck and twenty-eight on well deck. Vapor proof deck lighting and flood lights on all exterior decks. Standard flush container receivers hold tender cradles, containers or other deck equipment and allow easy change over for different expeditions. Two hydraulic stern warping windlasses on aft deck. Bridge deck wing control stations port and starboard. Fire mains with hoses and nozzles located on each deck. Two life rafts on 01 level aft deck.
- Anchor Windlass: MUIR VRC 15000

- Aft Warping Capstans MUIR VC 6000
- Ground Tackle poole anchors 590 KG and 165 M 26 mm stud link chain per side Boat Crane & Davits
- Palfinger Marine 4800M hydraulic knuckle boom crane rigged with Spectra cable that can launch on either side of vessel and allows for reduced hook to boom cable lengths for safer handling. All tenders are rigged for single point lifting. Safe working load 13, 558 pounds (6,150 kg).
- Side Boarding Ladders: Marquipt Sea stairs
- Swimming Platform: Large swim platform aft with large custom-built dive ladder
- Removable storm covers for windows as per class requirements. Carlisle and Fitch

Communication and Nav Equipment

- Communication Equipment GMDSS Equipped & Certified
- SATCOM SEATEL Md 4006 V-Sat
- MINI- M KVH Trac-phone 252
- VHF Radiotelephones ICOM IC M602
- SSB Radio telephone Furuno FS 2570
- Telephone Exchange Panasonic KX-TDA 100
- Intercom System Built into phone system
- Navigation Equipment
- Magnetic Compass Ritchie
- Gyro Compass Simrad RGC50
- Automatic Pilot Simrad AP50
- Log B&G Hydra 2000
- Echo Sounder B&G Hydra 2000 and Northstar
- Radar Furuno FAR 2117 Black box X -Band Furuno FAR 2137S Black Box S-Band
- Chart Plotter Nobeltec
- GPS 2 x Northstar 6000i
- 1 x Furuno
- NAVTEX Furuno Navtex NX700 A Wind Instruments B&G
- Other: AIS and Furuno AIS 150

Galley and Laundry Equipment

- Galley & Laundry Equipment
- Main Galley
- Five burner Wolf range with Vent A Hood four blower exhaust system and two warming bulbs TRUE Commercial freezer and refrigerator
- 2 x WOLF ovens
- 1 x WOLF microwave
- Marvel wine cooler
- WOLF warming drawer
- Whirlpool trash compacter
- 2 x Bosch dishwashers Laundry Room
- 2 x Whirlpool Duet full size washers
- 2 x Whirlpool Duet full size dryers
- Additional Whirlpool Duet Washer and dryer in the Lazarette Rolling Iron
- Ship's Safes: Brinks Home security Model 5074
- Barbecue Profire portable grill

Tenders and Toys

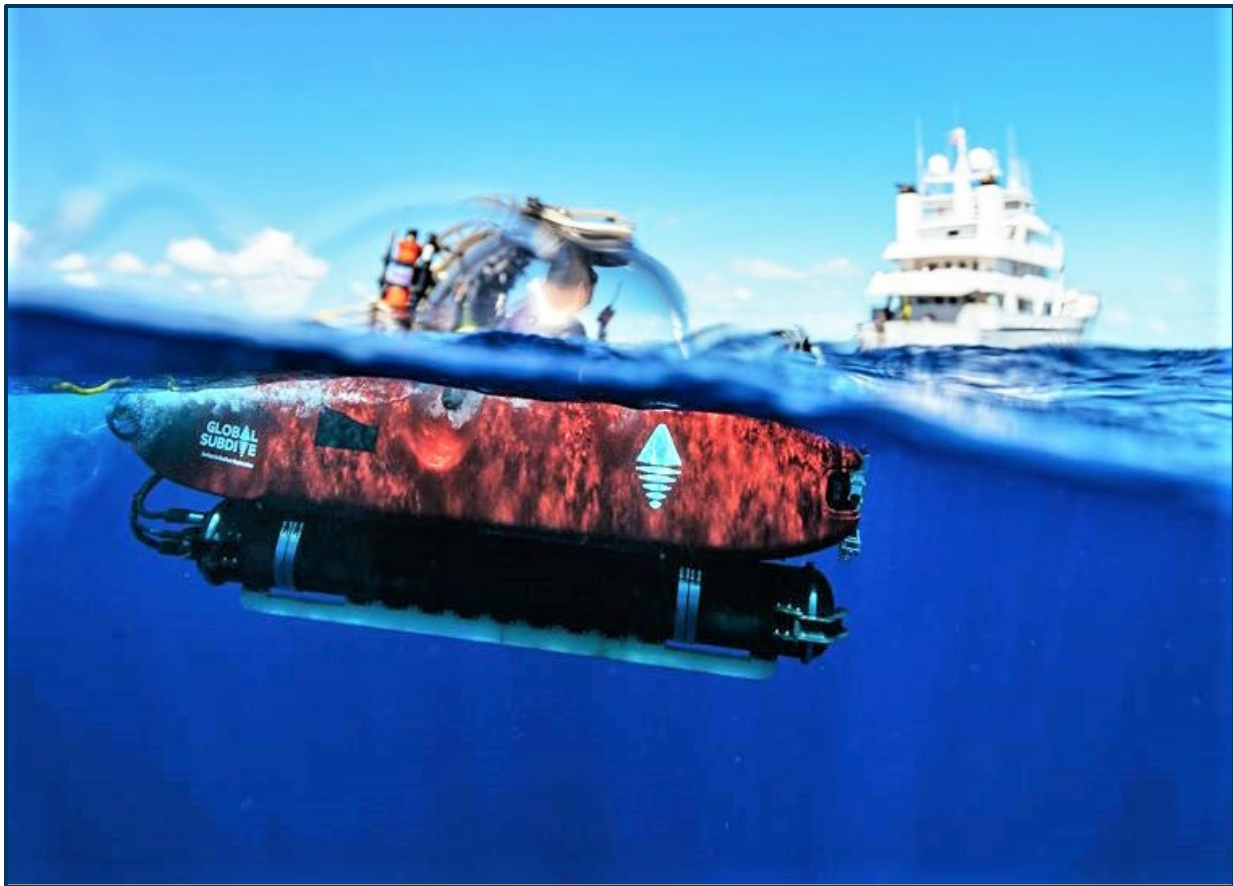
- 2008 32' SeaVee diesel inboard
- 2006 23' Nautica Inflatable tender (complete refit 2016)
- WATER SPORTS 2 x 2016 Yamaha 3-seater wave runners
- 2 x Sea Kayaks

Entertainment

- 2017 Elan system throughout with easy use control interfaces including handheld controller, iPads and wall attached devices
- New large LED TV's in all common areas (main saloon, sky lounge and outdoor TV on the sky deck) Movie server available to all guest rooms and common areas with over 5,000 thousand movie libraries
- AV systems supports access from guest mobile devices via Apple Airplay and Bluetooth so guests can enjoy their private movie and music collections
- DirectTV receivers available in all guest and common areas TV's providing service for both North America and Latin America
- Sonos Music Server available in all guest and common areas

GALLERY

Photo Credits: Diego Camejo & Reilly Strand





The voyage experience offered by pairing the Marcato Expedition Vessel with Global SubDive's twin Triton 1000/2 submersible is unmatched...

CONTACT US FOR SERVICES



Surface to Seafloor Exploration

+1 954-299-8181

+1 954-214-3727

info@globalsubdive.com

3005 NW 25th Avenue

Pompano Beach, FL 33069