

# TRIDENT

25<sup>th</sup> June 2022

PRESS RELEASE

The World's Largest Trimaran  
By Steve Kozloff Designs



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Introducing **Trident**, the latest creation of Steve Kozloff Designs. **Trident**, a mega yacht 100 meter, six deck, double masted trimaran with two Solid Sail systems from Chantiers de l'Atlantique. Trident is the first of a new family of GIII Glass Trimarans that will be unveiled by Steve Kozloff over the next 9 months.

## Trident's One-of-a-kind features

- Two dedicated helipads, one on each crossbeam.
- Full beam beach club in the main hull with retractable decks, a unique feature for any sailing yacht.  
An integrated telescoping crane system in the boom of each mast can load and off-load provisions, tenders, seaplanes, and more.
- Two large bow pools on each ama.
- Two spas in the main hull, forward and aft.
- An elevator from the fly bridge to the bridge.
- Walkway network provides access to all areas of the boat. This is especially noticeable in the overhead view of the boat.
- Forward viewing windows in the hulls.
- 5100 sq ft of living area in the crossbeams with 16 forward looking windows.
- She is equipped with six self-inflating lifeboats that can be deployed from underneath the main decks of the amas, much like a bomb bay, in the worst of conditions.



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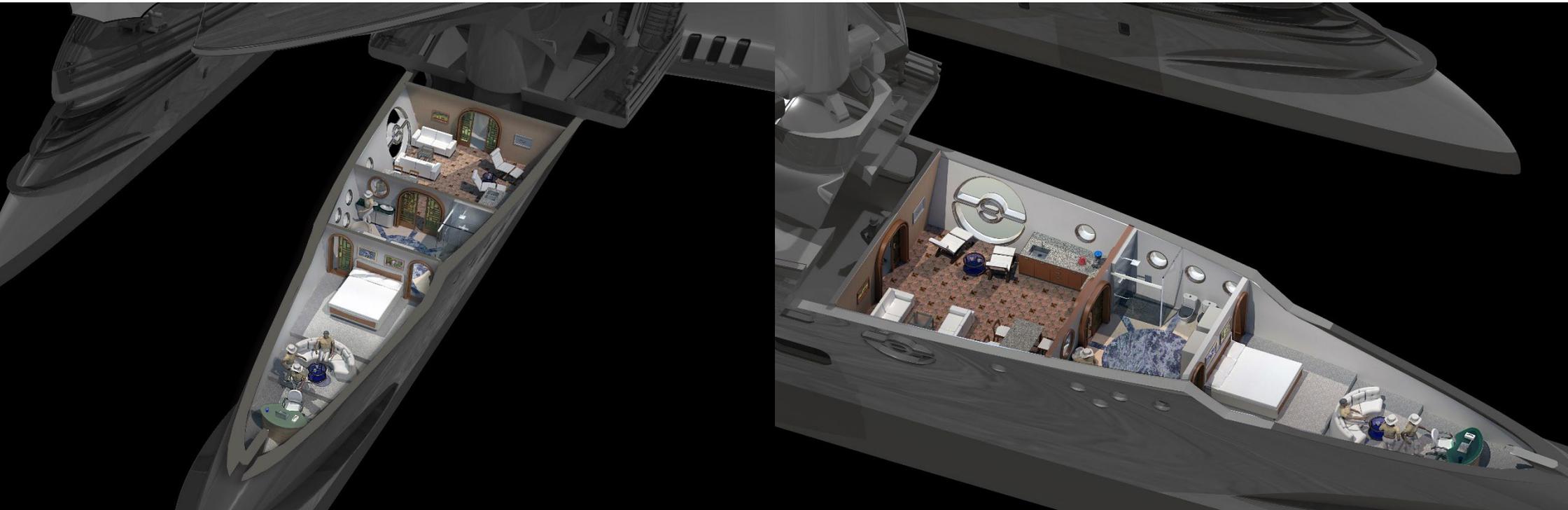
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## **Trident's interior space**

- The interior space has multi-levels, curved walls, and a multitude of large windows providing a near panoramic view.  
She features a 682 ft<sup>2</sup> (owner's suite located in the bow of the center hull and 2 master suites located at the bow of the two amas), guest cabins that can host 26 guests in full luxury, and crew cabins that accommodate 20 crew.
- The piano bar and entertainment (salon) area on the upper deck include floor to ceiling windows providing views of the surrounding seascape.



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## Advantages of the Solid Sail System

**The Trident** with her Solid Sail system has many great advantages over traditional sailing rigs.

- The mast tilts 70 degrees forward to reduce the air draft from 238 feet to 138.5 feet making it possible for **The Trident** to traverse below most bridges. **The Trident** now can have direct access to the Panama Canal, San Francisco, San Diego, and many more notable harbors.
- Solid Sail system is the automated setting and dropping of the sails.
- The boat can be pointed in any direction when raising or lowering of the sails. The Solid Sail System has a 360-degree rotating mast. The captain simply rotates the mast into the wind to perform the raising and lowering of the sails.
- Solid Sail material has a 20 plus year service life vs 4 to 5 years for traditional Dacron sails.
- The free-standing mast is clean and free of yards and shrouds, thus making voyages into icing conditions much more practical and safer. Introducing a de-icing system to the clean mast is very feasible.
- The Solid Sail system has integrated load sensing technology that informs the captain how much to drive the sailing rigs.
- The main sails on each mast is comprised of semi rigid panels that are hinged together. The jib is a traditional Dacron sail that is automatically rolled in or out.
- The Solid Sail system is significantly less expensive than other free-standing sail rig systems.



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## **Important features of *Trident* to note**

- Heated masts, handrails, and heated doors to minimize icing problems.
- Full-service sit-down bar on the upper deck.
- A full beam garage that can handle 2 tenders, one Nemo **U-Boat Worx** submarine with dedicated launching systems and other water toys.
- Full beam beach club at the stern of the main hull.

## **Trident's performance**

She can cruise at 14kts for 6700 nautical miles with diesel power only. Her range is greatly extended with careful management of her hybrid diesel-electric systems and sail power. Under sail power only, she can make 12kts.

## **Trident's anchor system**

The traditional external anchor system has been replaced with an unusual flush mounted submarine style anchor underneath the bow. This system offers a cleaner bow appearance.

## **In closing**

**The *Trident*** is a true world-class sailing yacht with all the luxury of any super-yacht and much more!

## **Refence links**

<https://chantiers-atlantique.com/en/references/solid-sail-aeoldrive/>

<https://www.thegoliathseries.com/trident>

<https://www.thegoliathseries.com/>



# TRIDENT

## Specifications

### Overview

**Name:** Trident

**Yacht Type:** Trimaran Sailing Yacht

**Yacht Subtype:** Full Displacement

### Dimensions

**Length Overall:** 328' WL Length 325'

**Beam:** 127' at WL 108'

**Max Draft:** 18' Air draft up 228' down 138.5'

**Displacement Tonnage:** 670

### Construction

**Builder:** TBD

**Year of Buid:** TBD

**Hull Number:** TBD

**Number of Decks:** 6

### Performance and Capacities

**Max Speed:** 17kts (power) 12kts (sail only 20kt wind)

**Cruising Speed:** 14kts (power)

**Range (nm):** 6700 (20-days @ 14kts) (58gph)

**Fuel Capacity:** 28000USG (98 tons)

### Build and Design

**Builder:** TBD

**Designer:** Steve Kozloff

### Materials

**Hull:** Steel

**Superstructure:** Aluminium

**Deck:** Teak or equivalent

### Accommodations

**Guests:** 26

**Crew:** 20

**Master Rooms:** 2

**Twin Rooms:** 10

**Owners Suite:** 1

### Special Features

**Helipad:** 2

**Submarine:** 1

**Tilting mast:** 2

**Submarine type anchor**

### Engines/Propulsion

**Make:** CUMMINS

**Model:** QSK60-M

**Type:** Diesel-Electric

**Quantity:** 1

**Power rudder:** 1

**Fixed Electric Motors :** 0

**Bow Thruster:** 1

**Total Power:** 2000hp @ 1600rpm

**Sail Area:** 20000 sq ft

### Classification

**Flag:** TBD

With Solid Sails and Tilting Masts

