



# Yacht: Seawolf X Hybrid-electric Sea Cat Series

Seawolf X, the first hull in Rossinavi's hybrid-electric Sea Cat series, uses artificial intelligence to reimagine what the yachting experience can be.

By Julia Zaltzman | April 22, 2025



*Seawolf X* boasts several firsts. Rossinavi's 140-foot (42.8-meter) aluminum catamaran is the Italian yard's first multihull. It's also a hybrid-electric yacht equipped with an artificial intelligence software system, developed in partnership with Videoworks, to enhance performance and the guest experience.

"Her name is the Italian equivalent of a sea dog, someone who has a high appreciation for the sea," says Federico Rossi, Rossinavi's chief operating officer.

The yacht was delivered in August 2024 from the Italian builder's La Spezia facility. Penned by Fulvio De Simoni Yacht Design—the Italian studio's second collaboration with Rossinavi, following *Aurora* in 2017—*Seawolf X* is the first hull in the builder's Sea Cat series, which was unveiled in 2022. It's defined by a low, fluid profile with an aggressive sheerline that rises dramatically toward the bow. It exhibits a futuristic appeal, which seems apt for a yacht that virtually thinks for itself.



*Rossinavi's 140-foot (42.8-meter) aluminum catamaran is the Italian yard's first multihull. Courtesy of Rossinavi*

Using Videoworks' AI installation, which it developed in partnership with the University of Pisa, the system monitors onboard functions to improve guest comfort and reduce energy consumption. Compared to a traditional 500-gross-ton yacht that consumes 11,887 to 24,529 gallons of diesel to travel approximately 3,500 nautical miles, *Seawolf X* can cover 3,800 nautical miles on 3,962 gallons of fuel, Rossinavi says.

"The installation of an artificial intelligence system focused on power management aboard yachts represents a significant innovation in the maritime sector, aimed at optimizing fuel consumption and supporting the crew," says Claudia Rossi, Rossinavi's CCO. "It allows for efficient navigation and signals a tangible step toward yachts of the future."



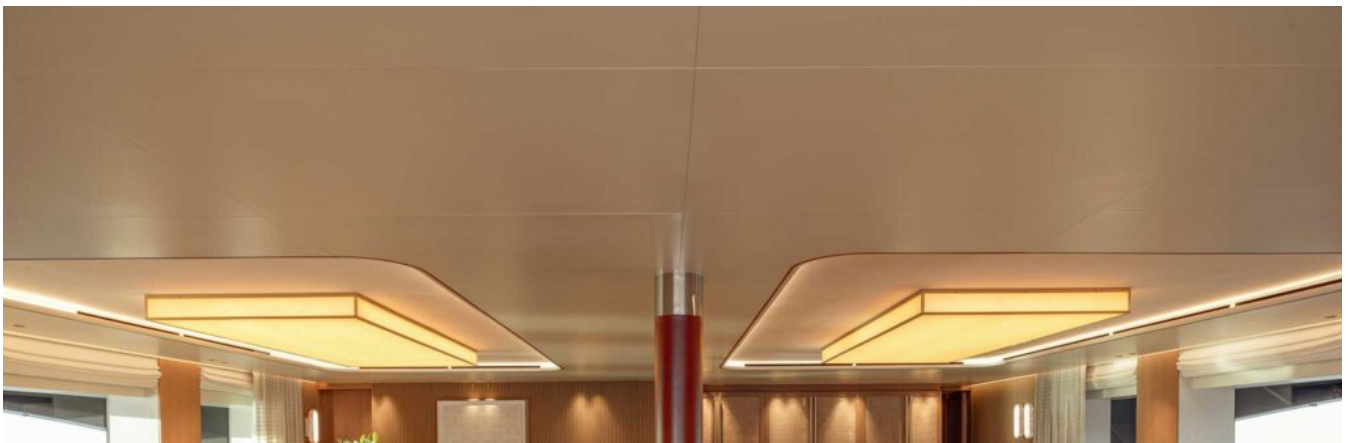


*The sunken foredeck with a hardtop and glass-encased spa tub offers a pleasant outdoor respite.  
Courtesy of Rossinavi*

Since delivery, *Seawolf X*'s AI algorithms have been accumulating information through machine learning. These findings will be used for future builds, such as *Solsea*, Rossinavi's latest hybrid catamaran concept unveiled at Design Miami in December. The AI algorithms work with a series of sensors fitted throughout the yacht to monitor guest activity, automatically lower blinds, switch off lights and screens, and supervise air conditioning after guests leave their staterooms. On their return, it all powers back up as if they never left.

To help guests understand the impact of their behavior, the AI celebrates the guest who consumes the least amount of energy at the end of a charter.

The Rossinavi AI also assists the captain with navigation. It measures the strength of currents and wind direction to help keep the yacht on course. It monitors the battery charge and suggests speed adjustments to reach a destination on batteries alone. Even maintenance is on its checklist, alerting the captain when the hull requires cleaning.

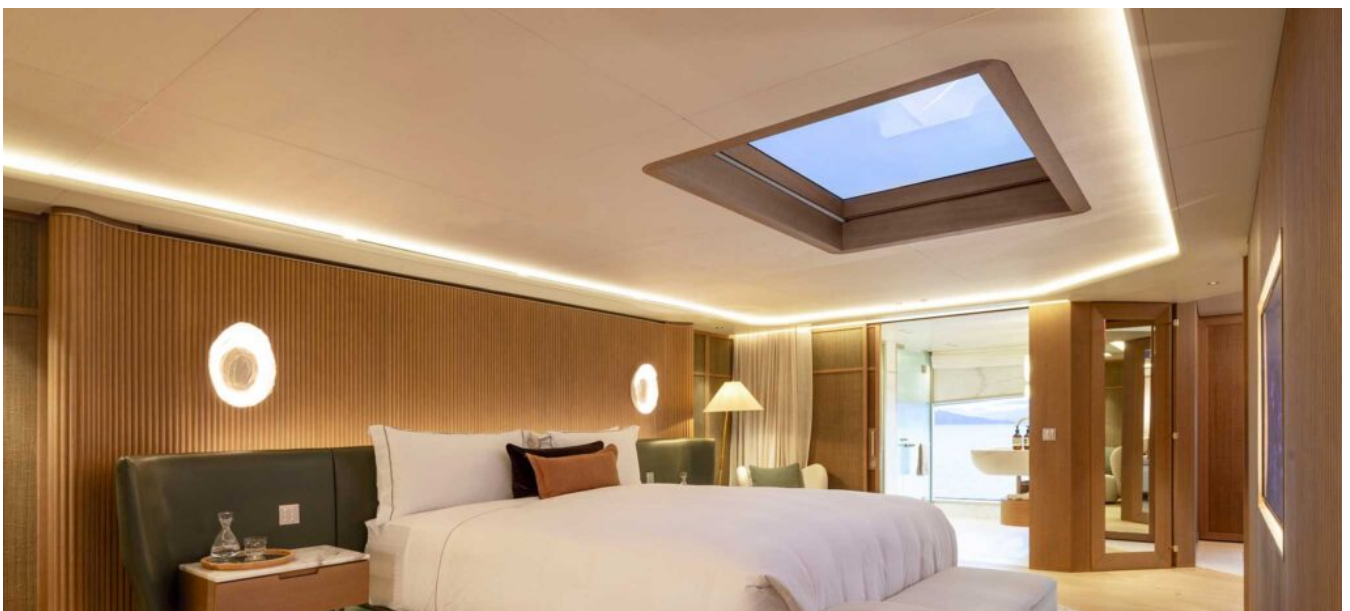




*The adjacent salon and dining area take full advantage of the yacht's expansive beam. Courtesy of Rossinavi*

Rossinavi's BluE Philosophy, which places priority on environmental design, is evident in the yacht's ability to cruise transatlantic at 10 knots in electric mode for 80 percent of the crossing, with the diesel generator recharging the battery the other 20 percent of the time. At anchor, it enters hibernation mode to reduce consumption and can fully recharge from shore power in five hours. The energy collected through 202 custom solar panels that cover 1,679 square feet (156 square meters) of the exterior is enough to power a shoreside villa. The idea was inspired by American nuclear-propelled military vessels that can power a city's energy grid.

Of course, this yacht is not all about technical advances. *Seawolf X's* outdoor living areas include a cockpit centered around a pool, and a bow area with a second, hidden pool and a convertible home theater. The enclosed sea-level beach club includes a sauna and a custom-built transformer allowing guests to step into the sea.





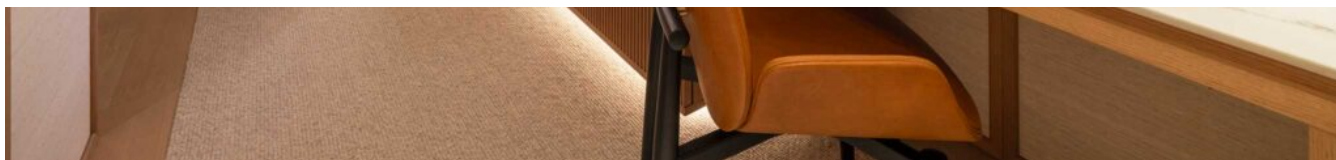
*The full-beam owner's suite has a walk-in closet, en-suite bathroom, private gym and skylight above the bed. Courtesy of Rossinavi*

The sunken foredeck, forward of the partially recessed wheelhouse, is shaded from the sun under a hardtop and includes a glass-encased spa tub. The area is private and spacious with sea views. On the 1,399-square-foot (130-square-meter) sundeck, there is yet more lounging and socializing, with a sunbathing zone, shaded seating area and bar for refreshments. A screen for infotainment is connected to the Rossinavi AI system to alert guests to nearby landmarks and points of interest.

Inside, a modern aesthetic takes over. Interiors are by New York-based Meyer Davis Studio, making the boat's 45-foot (13.75-meter) beam feel even larger. A lofty main salon and dining area has soft, cream-colored sofas for hosting gatherings or enjoying quiet moments with family. A table is opposite with leather tan dining seats for banquets with friends.

Drawing inspiration from Meyer Davis Studio's work at 1 Hotel South Beach in Miami, the interior on *Seawolf X* is about nature—particularly the sun, sea and sand—including wire-brushed wood paneling, woven raffia wall coverings and recycled wool rugs.





*The owner's suite is accessed via a private office. Courtesy of Rossinavi*

Five guest staterooms accommodate 12 people across two decks. Each hull contains one double-berth stateroom and one twin-berth stateroom with a Pullman. Scandi-chic wood tones and natural tactile textures create a residential feel. On the main deck, the 753-square-foot (70-square-meter) full-beam owner's suite is accessed via a private office, and has a walk-in closet, en-suite bathroom and private gym. A skylight is above the bed for natural light, and there's direct access to a covered area that can be used as a private terrace, with separate access for the crew of seven.

Owners and private guests are not the only ones who will be able to experience these spaces, along with the yacht's innovative systems. *Seawolf X* is available to charter with Cecil Wright at a base rate of €380,000 (about \$396,000) per week.

"It's taken a long time to be able to build a boat like *Seawolf X*," Rossi says. "We've taken our naval architecture learnings and the latest in diesel-electric propulsion and paired them with new emerging technologies to build a boat with as a low an environmental impact as possible. It's very different to anything we've done before."

#### **ROSSINAVI SEAWOLF XLOA**

140ft. 3in. (42.75m)

##### **Beam**

45ft. 1in. (13.75m)

##### **Draft**

6ft. 1 in. (1.85m)

##### **Construction**

aluminum

##### **Engines**

2x diesel-electric

##### **Speed (max./cruise)**

12/10 knots

##### **Range**

5,400nm @8 knots

##### **Gross Tonnage**

100



Fulvio De Simoni Yacht Design

**Exterior design**

Fulvio De Simoni Yacht Design

**Interior design**

Meyer Davis Studio

**Builder**

Rossinavi

For more information: [rossinavi.it](http://rossinavi.it)

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