



ALPHA 42



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ALPHA 42

THE BEGINNING OF SOMETHING **NEW**



The [Aeroyacht ALPHA 42 catamaran](#) is a beautifully designed, brand new cruising catamaran featuring highly innovative features not found in other cruising multihulls. Unlike the many cookie-cutter charter and production cats she was conceived with features that are usually associated with high end custom builders. The Alpha 42 catamaran is a true reverse-engineered catamaran: Designed by an expert team of offshore sailors, naval architects and rig specialists, multiple design inputs from groups such as live aboard cruisers, fishermen and first time buyers were considered and incorporated into the yacht's DNA.



ALPHA 42



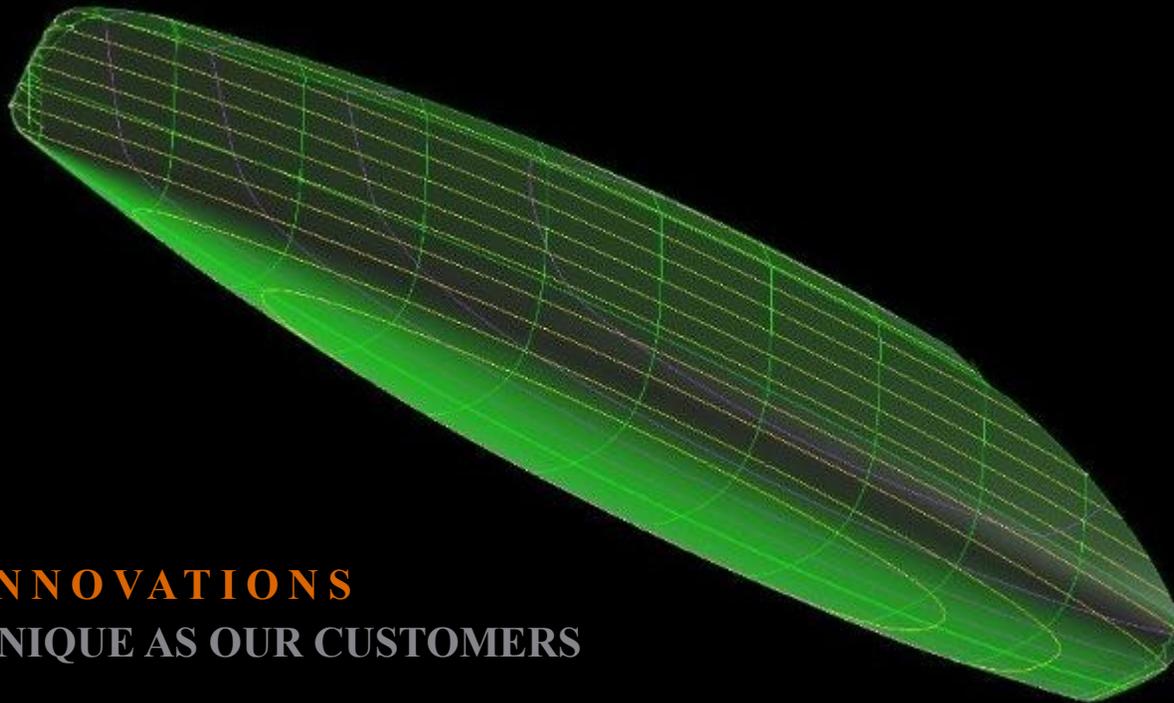
TIMELESS DESIGN DNA OF A FUTURE ICON

- superyacht nominated Aeroyacht 110 inspired
- aerodynamic hulls and deck
- multi chine design reflecting light and lowering profile
- clean efficient shape

The Alpha 42 combines beauty with intelligence. Built in New York by Alpha 1 Composites this all new emotive design looks taut and sinuous, low and aggressive. She feels at home everywhere—from a busy Mediterranean harbor to a deserted South Seas lagoon. The Alpha 42 catamaran blends into her environment, but looks special. She represents the “next generation” of cruising yachts and has been designed reflecting on features of competing brands and making them even better.



ALPHA 42 INNOVATIONS



INNOVATIONS UNIQUE AS OUR CUSTOMERS

- wave piercing bows providing superior pitch reduction, comfort and performance
- large opening trapezoidal saloon cabin windows
- multi-chine design for better strength, space and esthetics
- integrated forward trampoline lounge offering seating for six
- separate privacy entrances for both aft state-room
- helmsman windscreen and folding bimini for full weather protection

The Alpha 42 catamaran is an elegant and modern long distance cruiser ready to take you to the far ends of the world. Born in New York and designed from the ground up she is America's most innovative cruising catamaran. Purpose built to turn heads and pump hearts she boasts a number of design and construction features which will make life aboard safer and more comfortable than any other cruising yacht in her class. The results are exceptional seaworthiness, inspiring balance and excellent performance.

ALPHA 42 COMFORT



CIRCUMNAVIGATOR OR CHARTER YACHT

SOUL INSPIRING LIVE ABOARD COMFORT

- same level cockpit and saloon
- 360 degree views whether sitting or standing
- large hull port lights providing all cabins with sea views
- wide cabin sole provides true comfort of a home
- generous sized u-shape chef's galley oriented and open to cockpit
- separate privacy entrances for aft staterooms
- optional fixed or folding weather protection for helmsman
- each cabin is cross ventilated by at least one hatch and a hull port light

Whether you are a live-aboard family with the wish to circumnavigate, a solo sailor who is a first time buyer or a charter company wishing to offer customers an attractive alternative - the Alpha 42 catamaran checks all boxes. She is available in a choice of two standard interiors: The Owner's Version with superb full length master suite or the Charter Layout that sleeps up to 8 in the 4 stateroom 2 head configuration. The builder Alpha 1 Composites is also receptive to client's wishes and can create a custom interior upon request.

ALPHA 42 SAFETY



USABILITY & STRENGTH

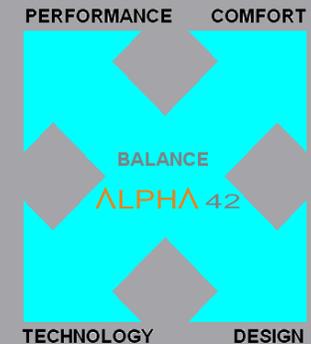
RESPONSIBILITY TO MATCH OUR ENVIRONMENT

- bow collision compartments including 6 watertight bulkheads
- oversize ground tackle and anchors
- emergency power crossover circuit with switch
- virtually unsinkable honeycomb construction
- Kevlar reinforced hull for ultimate impact protection and strength
- engines separate from living accommodations
- no flybridge therefore safe low center of gravity

At the core of Alpha-1 Composites long-standing know-how is the experience of building reliable blue water cruising yachts. They achieve this result through the exceptional quality of craftsmen, the meticulous attention to detail throughout the construction and by the implementation of demanding procedures such as complete manual lay-up stratification of the deck/hull bond and fully laminated composite bulkheads. Many catamarans in this class feature fly bridges which increase the pitch inertia of the yacht. Alpha 1 Composites do not believe in this feature. The result is a safer, lower Center of Gravity, less heel and a much more comfortable motion.



ALPHA 42 BALANCE



PRACTICALITY EVERYDAY USE AND RELIABILITY

- built to strict ABS (American Bureau of Shipping) standards
- Kevlar hybrid composite construction utilizing Isophthalic and modified Epoxy resins, Nidacore honeycomb cored hull, decks and bulkheads
- all furniture is cored for superior strength and lightweight

At the heart of every great yacht is thoughtful engineering and meticulous structural design. Like any fine machine the Alpha 42 catamaran is handcrafted utilizing old world principles of superb finish and top level fittings, yet executed in a high-tech, strong and weight conscious construction process. Systems are laid out bearing in mind their reliable, day-to-day usage, access and ease of maintenance. The proof is the builder's Alpha 1 Composites' unsurpassed experience of over 800 large 40'-95' composite sailing yachts built of which most are still sailing after 25 years of hard use and charter operation.



ALPHA 42 PERFORMANCE



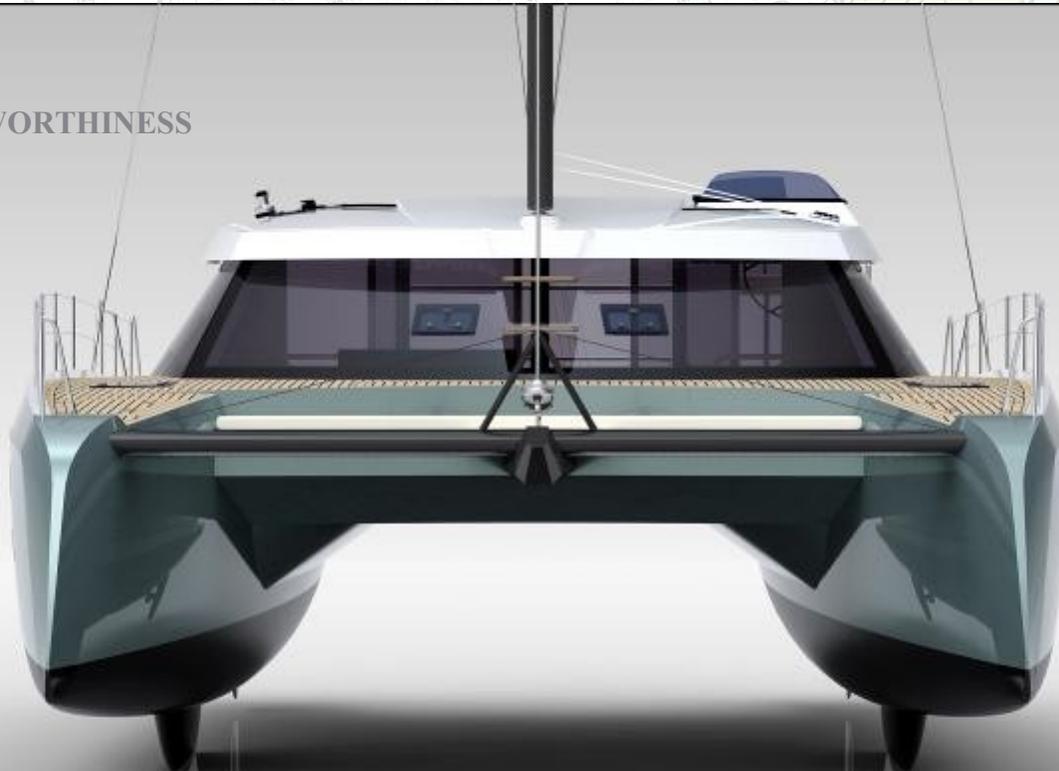
The Alpha 42 catamaran employs race tested, proven state of the art solutions such as an integrated carbon fiber bowsprit, optional carbon rotating mast and synthetic rigging to boost performance even further. The sailplan is designed by one of America's top multihull experts and has been laid out to be easy to use shorthanded yet provide the extra horsepower when required. At the heart of Alpha 42's design is the concept of centering all heavy equipment and weights. This build philosophy in conjunction with the advanced wave piercing bows, provide high roll pitch inertia, excellent sailing characteristics and greatly contribute to the comfort aboard.

DYNAMIC DELIGHT NO COMPROMISE MODERN THOROUGHbred

- low drag-high lift NACA foil, low aspect ratio mini keels
- grand-prix style aft rig with larger headsail
- generous yet easy to handle sail plan featuring square top mainsail
- integrated carbon fiber bowsprit for extra strength and performance
- aerodynamic bows and cabin roof for low drag
- long waterline and wave piercing bows for low pitch comfort
- high bridgedeck clearance for safe sailing in rough waters



ALPHA 42 SEAWORTHINESS



DISCREET WORLD TRAVELER AS COMFORTABLE IN CANNES AS IN SPITZBERGEN

- extra long range fuel and water tanks are standard features
- high bridgedeck clearance
- powerful hull design for superior buoyancy in high seas
- top of the range materials and fittings
- conservative engineering providing safe and very strong structure
- easy to single hand-all sailing controls lead to port helm station

The Alpha 42 measure performance not merely how fast you travel, but how effortlessly. The concept of seaworthiness is not only a capable sea keeping behavior but also practical aspects such as shorthanded sail operations, forward looking inside steering stations and shallow draft. Joystick autopilot controls at the inside helm let you maneuver your Alpha 42 from the shelter of the saloon—a feature few sailing yachts of this size possess. Alpha 1 Composites' warranty is world wide and will even cover you thousands of miles from home. Whether used for coastal family vacations or for extended world voyaging the Alpha 42 has been created as your private sanctuary, an eco friendly yacht fit for the 21st century.



ALPHA 42 PERSONALISATION



The best is, the Alpha 42 is the only large cruising catamaran over 32' that is built in the United States (New York) eliminating the inconvenience often associated with delivering and importing the boat from an overseas manufacturer. Financing possibilities with a domestic build are also greatly increased. Customers will find it convenient to monitor the progress of their boat and the semi-custom set-up of the builder will allow clients to realize special wishes that other manufacturers simply cannot offer.

While foreign builder's offer alternatives - there will never be a substitute to own the Alpha 42 catamaran. The style, functionality and quality stand above the rest.

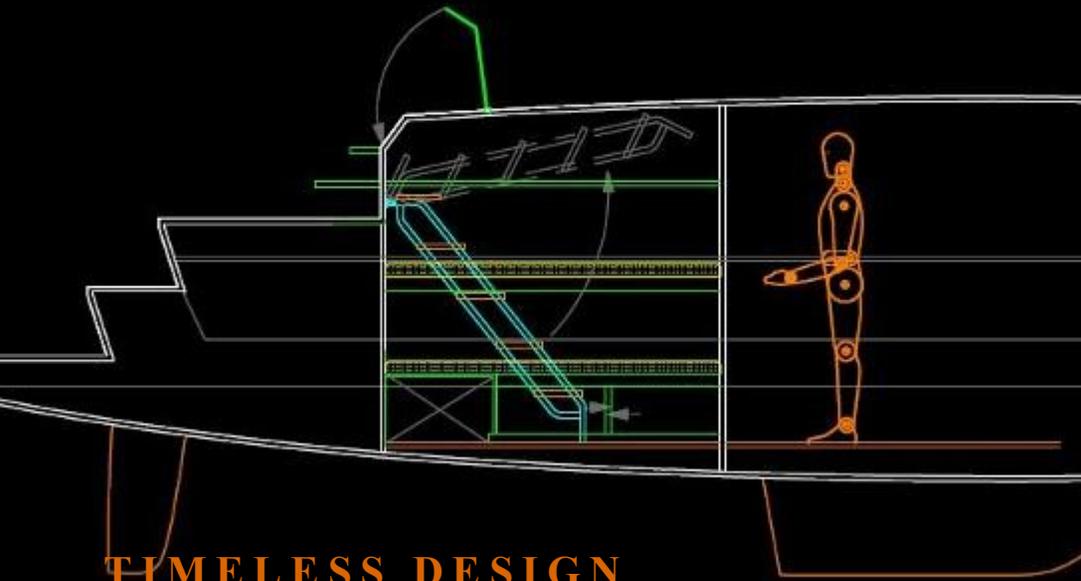
MONITOR YOUR BUILD & FINANCE WITH EASE MAKE THE ALPHA 42 YOUR OWN

- Alpha 42 has excellent low rate financing options not available for foreign boats
- New York is easily reached. Vacation in Manhattan and visit your Alpha 42 in build.
- eliminates hassle of delivering an overseas boat transatlantic and import formalities .
- US built catamaran will be less affected by foreign currency exchange and be cheaper.
- domestic built catamaran will be able to charter in US waters unlike foreign boats.
- limitless choice of hull colors





ALPHA 42 SPECIFICATIONS

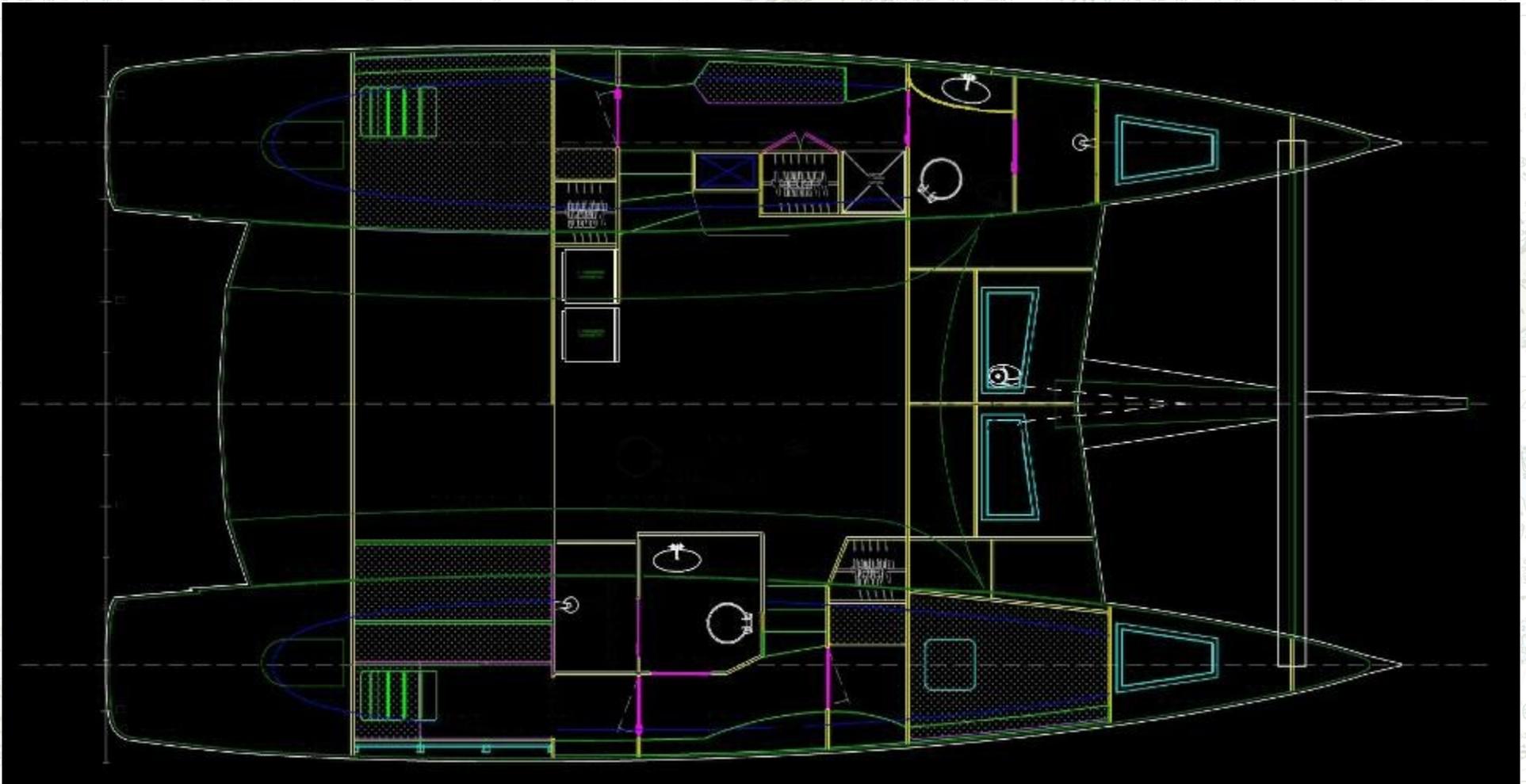


TIMELESS DESIGN
SOUL INSPIRING COMFORT

Length (LOA):	42'1"
Beam (max):	22'11"
Draft:	3'6" (NACA 00 section performance foil keel)
Air draft (mast above water):	58' (US Intercoastal Waterway capable)
Displacement (light):	10.2 T
Sail area:	1003 sqft (main: 615 sqft, Genoa: 388 sqft)
Engines:	(2) x 30hp Yanmar 3YM diesel (40hp option)
Freshwater:	225 US gallons long range tanks
Diesel:	125 US gallon long range tank
Naval Architect & Engineering:	Marc Anassis, NA., Alpha-1 Composites
Styling & Concept:	Aeroyacht Ltd.
Builder:	Alpha 1 Composites
Certifications:	ABS (American Bureau of Shipping)

Alpha 1 Composites are the builders of the Alpha 42 catamaran and are located in Long Island, NY. Their 5,000 square foot facility has the ability to haul, launch, sea trial, and service the Alpha 1 catamaran year round. We are extremely excited about bringing high-tech yacht manufacturing back to the USA while remaining extremely competitive in a world market and providing a higher level of service to our customers.

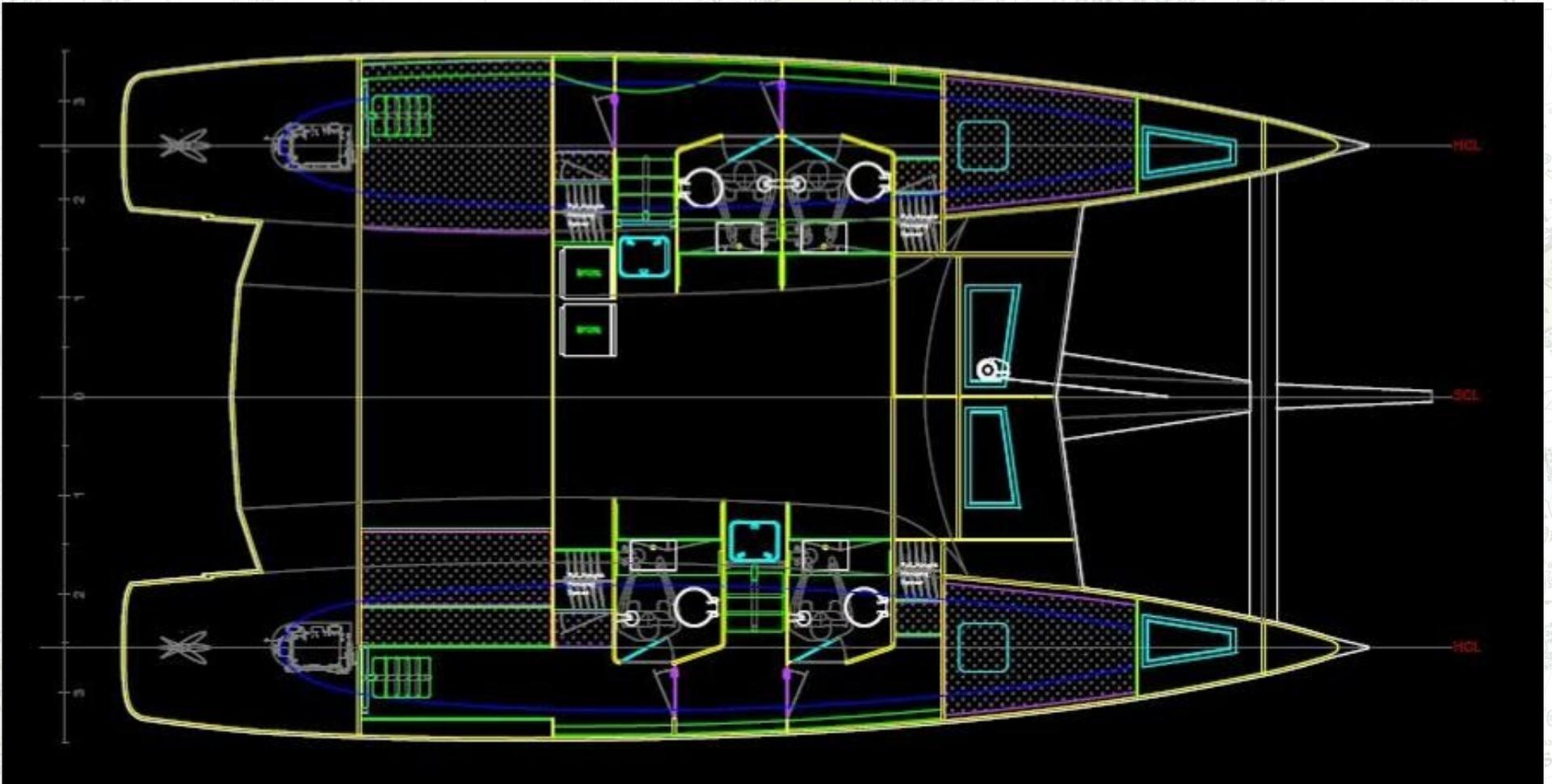
ALPHA 42 OWNER LAYOUT



The Alpha 42 catamaran can be ordered in 2 different standard layouts. The Owner and Charter Versions. The Owner Version features an expansive full length owner's suite in the port hull, a central couch with dresser/desk and a spacious forward bathroom with separate shower. The port side hull houses two double cabins with one head and shower. The builder Alpha 1 Composites is also receptive to client's wishes and can create a custom interior upon request.



ALPHA 42 CHARTER LAYOUT



The Alpha 42 catamaran can be ordered in 2 different standard layouts. The Owner and Charter Versions. The Charter Version provides sleeping arrangements for up to 8 guests in 4 double cabins and 4 separate head compartments.

The builder Alpha 1 Composites is also receptive to client's wishes and can create a custom interior upon request.



To find out more about the Alpha 42 catamaran please visit www.Aeroyacht.com or contact Aeroyacht Ltd.

This document is non contractual. The manufacturer may modify the inventory or specifications without notice.