

**BELLOSTA
GOLD COAST 65C
CRUISING CATAMARAN**

DESIGN BRIEF

A Performance Cruising Catamaran functionally equipped for extended worldwide adventures. The vessel will be designed and built to minimize weight where possible through the use of carbon, honeycomb and simplified interior.



SPECIFICATIONS

LOA:	66'
LWL:	64' 6"
BOA:	30' 6"
Hull depth:	2' 2"
Mast Height:	78' 8"
Sail Area:	2050 sq. ft.
Light Displacement:	32,000 lbs
Heavy Displacement:	44,000 lbs

Construction & Finish

Construction

- Composite construction using Corecell foam, e-glass and carbon and CPD epoxy resin. Resin infusion and vacuum-bag construction method.
- Assembled using West System epoxy resin
- Hull bottoms reinforced with Kevlar with Kevlar impact strapping around daggerboard trunks for impact absorption
- Carbon wet deck, decks, wingfairing, underlying beams, roof and cabin sides.

Exterior Finish

- Alexseal paint system

Interior Finish

- Alexseal semi gloss in interiors

Exterior Paint and Graphics

- Hulls are light gray with white boot stripe
- White deck, cabin top, mast and boom

Bottom Finish

- To be determined.

Deck Fittings and Equipment

Windows

- 3/8" Light grey tinted acrylic
- Slide window at galley to helm station.
- 20 - Lewmar Size 1 opening ports

Doors

- Aluminum, 2000 sliding 2 section door.

Stanchions

- 30" Carbon stanchions w/ Spectra intermediate

Deck Hatches

- 2 - Lewmar size 70
- 6 - Lewmar size 60
- 4 - Flush foam glass wingdeck hatches
- 2 - Hinged engine access/replacement hatches

Fairleads

- 2 - 7 3/4" bow chocks
- 8 - 24" S.S. 1" chafe strips

Mooring cleats

- 9 - 15" Stainless Steel

Controls

- 5 part mainsheet with mainsheet traveler mounted on radar arch
- 2 part internal main halyard to windlass
- Sliding jib sheet cars on 6' T track
- Internal jib and spinnaker halyards
- Outhaul and slab reefing on boom
- Daggerboard control-float up-2 parts pull down
- Facnor roller furl jib
- Facnor Code Zero furler

Winches

- 1 - Lewmar 50 elec winch for mainsheet
- 3 - Lewmar 50 ST for jib sheet & controls
- 1 - Lewmar 48 ocean Series for reefing
- 1 - Lewmar 44 Ocean Series
- 2 - 10" Double grip locking winch handle
- 2 - 10" Single grip locking winch handles

Blocks and Turning Blocks

- Lewmar stoppers, deck organizers, blocks and tracks as required

Spars

- Pedestal stepped 78' GCY rotating carbon wing mast
- Antal track and cars for luff
- Charleston Spar aluminum boom and provisions for three reefs and 2-part lazyjacks powder coated white

Sails (To be determined)

- Doyle Dacron main w/ 3 reef ports

- Doyle working jib w/ Facnor furler
- Doyle Code Zero w/ Facnor furler

Riggings

- Standing: All standing rigging is Norseman Dyform SS wire terminating with Norseman fittings, turnbuckles and toggles to S.S. chainplates
- Running: Running rigging is Yale Cordage & GWB Halyard Braid

Steering

- 40" Edson S.S. wheel to independent cable steering to Edson Steerer w/Edson quadrant
- GCY fabricated fiberglass rudder. Schedule 160 S.S. rudder shafts

Ground and Mooring Tackle

- 1 - Fortress FX 37 w/15'-3/8" S.S. chain and 200'-3/4" nylon anchor rode and bow roller
- 1 - 65 lb Bruce w/ 200'-3/8" S.S. chain and 200'-3/4" nylon anchor rode and custom roller chain and to windlass
- 4 - 50'-3/4" dock lines
- 6 - Scanmarin Fenders 12" x 34"
- Maxwell windlass w/ drum for main halyard

Electrical

- 1 - Lightning dissipater
- 3 - Dynaplate ground plates
- 1 - 40" LCD TV w/ Clarion audio/video system
- 4 - Bose speakers
- 1 - Paneltronics AC/DC electrical panel
- 4 - 8D AGM Lifeline house batteries. GCY cross charge system
- Victron synchronizing inverter
- 6 KW Northern Lights 110V generator
- Ampair Pacific 12V 100watt wind generator
- 4 - Solar panels 75 watt
- Charge controller
- 110V outlets at galley, nav. station
- 2 - 1000 cca Optima starter batteries
- 1 - Shore power inlet and 50' cord
- 22 - Interior LED lights
- 12 LED courtesy lights
- 8 - Hella fans
- 6 - Adjustable reading LED lights
- Bauer 110V dive compressor
- Nautical 12V/110V refrigerator 16 cu.ft.
- 4 cu.ft. Freezer
- Combination 110V washer/dryer
- Katadyn 160 E watermaker
- 2 - Isotherm inline water heaters

Navigation

- 1 - 4" Danforth Compass
- 1 - LED Port and starboard bow light, sternlight, steaming and anchor light.

- 3 - LED spreader lights
- Iridium 950 SA satellite phone
- WIFI antenna
- Raymarine ST6002 autopilot w/ wireless remote control
- Raymarine 2Kw radar
- Raymarine 215 VHF
- Raymarine Raystar 125 GPS
- Raymarine E120 multifunction display for Seatalk network w/ Sirius satellite weather
- Raymarine ST60 speed, depth, wind instrument system
- Raymarine Navionics chart plotter

Plumbing

Piping

- All water supply hosing is PVC, Seatech or reinforced hose
- All thruhulls and seacocks are Marelon

Fresh Water System

- 2 - 100 gal. Integral tanks with deck fills, Flowjet pressure pumps and accumulator tanks
- Seagull IV water purification system
- 3 - Ambassador marine head sinks
- 1 - Double kitchen sink
- 2 - Deck shower hose bibs
- 1 - Katydin watermaker

Heads & Grey Water

- 3 - Jabsco manual hand toilets
- 2 - 25 gal. integral holding tanks

Engine

- 2 - Yanmar 75 hp sail drives, folding propeller. Morse SL-3 controls, Morse cables, Yanmar instrument panel with oil pressure, water temp, and engine hour meters, safety alarm, tachometers, 80 amp alternator.
- 2 - 100 gal. aluminum fuel tanks, Vernalift wet exhaust, Yanmar engine bed, hinged engine access/replacement deck section. Storage shelf in each engine room.

Safety Equipment

- Paratech Sea anchor
- Life raft (TBD)
- 2 - Sunrise yacht webbing nets
- 2 - Aluminum stern swim ladder
- 1 - Life ring buoy
- 1 - Flare kit
- 2 - 10 lbs B2 Fire extinguishers
- 1 - Henderson MKV Emergency Portable Bilge Pump with suction and exhaust hose
- 12' Caribe hardbottom dinghy w/ 25 hp motor
- Custom composite Davits

Accommodations

Cockpit arrangement

- Elevated starboard helm platform w/ storage under hard top for solar panels, reefing and control lines
- Radar arch w/ integral davits
- Stem deck wet locker seat/storage
- Table
- Day berth w/ storage under

Port Hull

- Forward: Twin berth w/ storage under. Utility sink & toilet. Integral water tank.
- Central: Queen berth w/ storage under and hanging locker inboard athwartship. Head w/ sink, shower, toilet, sump and integral grey water tank
- Aft: Large queen w/ storage under and hanging locker inboard

Starboard Hull

- Forward: Generator, watermaker, water pumps, accumulated and integral water tank. Spares storage.
- Center & Aft: Same as port hull.

Wingfairing

- Wet locker storage for toys

Galley

- U-shaped galley w/ Corian top
- Sliding window to helm station
- 16 cu.ft. top load refrigerator
- Freezer tbd
- Force 10 4 burner stove w/ oven
- 110v Washer and dryer stack unit
- Double sink
- 4 - Utensil drawers
- 2 - Bin drawers

Navigation Station

- Electrical panel, navigation equipment
- Chart storage lift top
- Autopilot remote
- Communication & weather equipment
- House battery bank and inverter
- Swivel chair

Salon Settee

- U-shaped settee w/ general storage under and book shelves on portside
- Table w/ storage base

Interior

- Painted honeycomb and wood veneer walls cabinets, settee and berths
- 6 mm Corian countertops
- Synthetic teak cabin floors
- Painted wet deck floor

- 7 – Teak Isle honeycomb doors

Propane System

- Force 10 4-burner stove w/ oven
- 2 - 10 lbs LPG cylinders w/ regulator, supply hoses, pressure guage detector and M-2A propane

Discussed Options

- Lift up rudders
- 3DL Sails
- PBO rigging
- Carbon cross beams

Owner to Supply

- Bunk mattresses
- Cushions
- Life raft
- Paratech sea anchor
- First aid kit
- Tools
- Personal navigation equipment