

## GC65SRI

### DESIGN BRIEF

A custom designed and built resort passenger vessel for BEACHES and SANDALS Resorts combining the successful Gold Coast Yachts sailing hull form and structure with a SANDALS accommodation plan to create a unique resort vessel.

Underwing clearance will be at least 40" forward. Large rounded sheers. Hulls approx 6'9" wide at DWL 3.5. 6'4" interior hull headroom. Fixed fiberglass keels. Kevlar beaching shoes. Single level bridgedeck with curved beam steps. Custom made aft deck tube water slide with access platform. Enlarged roof. Cabin sides pushed out to sheer with midsection inset for opening windows. Closed seats with large radius and curved edges pushed out to hull centerline. Interior walls, bar walls, helm station walls and retail counter have rounded corners. 46" wide stairs into hulls. Overhanging salon roof with curved edge. Glass face retail display and sales counter.



### SPECIFICATIONS

LOA	65'
BOA	30' 6"
Draft	3' 10"
Light Displacement	34,000 lbs
Heavy Displacement	54,000 lbs+
Passengers	100+
Engines	2 x 230 hp
Fuel Capacity	2 x 250 gal
Cruise Speed	15 knots
Full Speed	18 knots

### FEATURES

#### HULLS AND DECKS

##### **Construction**

- ATC foam, glass and CPD epoxy resin using resin infusion and vacuum bag construction methods and assembled using West System epoxy resin.

##### **Exterior Finish**

- Awlgrip Polyurethane paint over epoxy primer-commercial yacht finish

##### **Interior Finish**

- Awlgrip semi-gloss in hull passenger areas.
- Light grey pigmented epoxy in engine, rudder room and bow interior areas.

##### **Paint & Graphics**

- Snow White salon, mast, boom and cabin exterior
- Hull color to be determined
- Deck nonskid color to be determined
- 2 - Coats of bottom paint (3 coats at waterline)
- PURCHASER to supply logo vinyl graphics.

#### DECK FITTINGS AND EQUIPMENT

##### **Cleats**

- 9 - 15" Stainless

##### **Fairleads**

- 2 - 7 3/4" Bow chocks

## Lifelines

- 1" x 34" S.S stanchions in fiberglass sockets with braided rope courses port, starboard and stern.
- 1 ¼" Aluminum salon and cabin entrance rails.

## Deck Hatches/Doors

- 2 - Lewmar 70 foredeck hatches
- 2 - Lewmar 50 roof hatches
- 2- Sliding Acrylic salon entrance door/hatch.
- 4 - Teak Isle wet locker hatches
- 4 - Teak Isle head doors
- 4 - American Marine watertight bulkhead doors

## Windows

- 8 - Lewmar fixed ports
- 6 - American Marine opening cabin windows

## Controls

- Mainsheet traveler on cabin roof
- 2- part internal main halyard
- Internal jib and spinnaker halyard
- Outhaul and slab reefing on boom
- Vang control for boom
- Sliding jib sheet cars on track

## Winches

- 4 - Lewmar 50 Ocean Series
- 1 - Lewmar 48 Ocean Series
- 1 - Lewmar 44 Ocean Series
- 2 - 10" Double grip locking winch handle
- 1 - 10" Single grip locking winch handle

## BLOCKS AND TURNING BLOCKS

- Lewmar stoppers, deck organizers and blocks as required

## Steering

- 34" Edson Destroyer wheel, Hynautic H41 hydraulic system to Edson tiller arm. Series hydraulic system with bypass valves for rudder adjustment.

## Spars

- 72' GCY Carbon fiber rotating wing spar 3/4 rig with rotator
- Antal track and cars for luff
- S.S. and Teflon mast rotation base
- Charleston Spar boom with provisions for two reefs and 2-part lazyjacks

## Rigging

- *Standing* - All standing rigging is Norseman Dyform
- SS wire terminating with Norseman fittings, turnbuckles and toggles to SS chainplates
- *Running* - All running rigging is GWB Halyard Braid

## Sails

- Full batten IOR loose-footed main with two reefs.
- Stack pack mainsail cover
- N-52 Profurl roller furling system.
- Jib with sun protector
- Logos on sails

## GROUND AND MOORING TACKLE

- 1 - 44# BRUCE, 15'-3/8" chain and 200'-3/4" rode
- 1 - 28# Deepset Danforth, 15'-3/8" chain and 200'-3/4" rode
- 4 - 50'-3/4" dock lines
- 4 - Scanmarin fenders
- 1 - Bow Anchor Roller

## ELECTRICAL

- 1 - Clarion stereo with 200 watt amp and remote control. IPOD. 4 Bose Speakers.
- 1 - Icom VHF
- 1 - 4 ½" Danforth Constellation Compass
- 1 - Raymarine Knot, Depth
- 1 - Raymarine ST 6001 autopilot
- 1 - Raymarine GPS w/7" C80 Display.
- 1 - Lightning rod dissipater
- 3 - Dynaplate ground plates
- 1 - Paneltronics AC/DC electrical panel
- Gold Coast cross charging/starting battery switch system
- Northern Lights 10 KW 220V generator
- 3000 watt Inverter w/ 4-6V Lifeline house bank
- 30 amp shore power inlet and cord
- 1-Port and starboard bow light, sternlight, steaming and anchor lights
- 10 - 12V Interior light fixtures
- 6 - 12V S.S. Dome lights for salon
- 3 - 110V outlets
- 1 - 12V receptacle
- 2 - Hella fans in engine room
- 2 - 220V 12,000 BTU AC units
- Electric panels below

## PLUMBING

### **Piping**

- Water supply hosing is rigid PVC, nylon and reinforced vinyl. PVC and nylon fittings.
- 1 -Henderson MKV emergency manual bilge pump
- 4 - Rule 1100 bilge pumps. Switch at helm station
- High water alarms for each compartment at helm station

### **Water Systems**

- 1 – 220 gal. aluminum water tank w/ 220 V water pump and inline spare. 20 gal accumulator tank and deck fill.
- 5 - sink spigots
- Hose bib in wingfairing and each stern

### **Heads**

- 2 – 110v Vetus electric toilets, w/ marelon thruhulls and seacocks.
- 1 – 55 gal holding tank with mascerator pump and Y valve for deck pump out or overboard discharge.
- 1 – Maserator pump switches at elec panel

## ENGINE

2 - Yanmar 4LHA-DTP, 4 cylinder marine diesels, set for 200 hp with KM4 marine gear. Morse controls and cables, Mastry instrument panel, with RPM, oil pressure, water temp, and engine hour meters, safety alarm, 55 amp alternator, 100 gal aluminum fuel tanks, paint on soundproofing. FE 241 fire system. Vernalift wet exhaust, Yanmar flexible engine mounts, GRW Drivesavers , PYI dripless shaft seal, bronze main strut, 1.750" SS Aquamet 22 shafts, 3 blade bronze prop, 2- Optima (1000 CCA) starting batteries, engine room lights, 12V electric bilge pumps. Bridgedeck fuel shut off.

## OTHER FEATURES

- 2 - Sunrise forward nets dropped down and covered with mesh
- 1 - Aluminum Stairway to the Sea forward
- 2 - stern swim ladder
- Glass faced, curved corner retail sales counter
- Enlarged roof
- Bimini

- Curved tube shaped waterslide supplied by PURCHASER with access platform
- Multiple watertight bulkheads and subfloor compartments
- 2 – life rings
- 3 - 10 lb fire extinguishers
- Life jackets, flares, etc - TBD

## ACCOMMODATIONS

- Bow compartments for storage and tankage w/ aluminum access ladder.
- Port main hull – Air conditioned. Storage locker forward. Sink and food prep counter with refrig(supplied by PURCHASER) under.Stairway.Large first aid compartment on outboard wall. Stove top and heater box (supplied by PURCHASER) and electric panel compartment aft. Watertight door to engine room. Water tight door to rudder room.
- Starboard main hull – Air conditioned. Womens head with sink and toilet forward athwartship.Sink along inboard topside. Second womens toilet along inboard topside. Stairway.Mens toilet, urinal, sink along inboard topside. Watertight door to engine room. Water tight door to rudder room.
- Cockpit seating areas as drawn
- Tables TBD
- U-Bar with painted top, curved corners, icebox, storage cabinet, (2) garbage area, drop leaf buffet counter for adults and kids, keg area and double sink etc. as per Purchaser

## CUSTOM WOODWORK

- Misc. teak trim