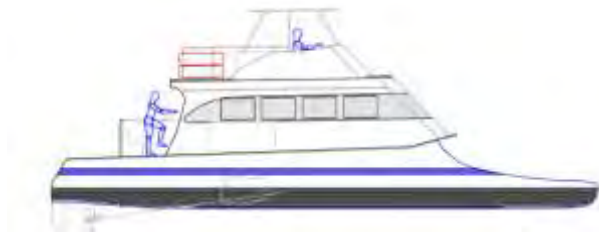


GC50WP

DESIGN BRIEF

Designed for a 32 NM route between the US and British Virgin Islands. The GC50WP features several seating and deck areas and water access onboard a high under wing clearance wave piercier. Powered by Yanmar 302 hp engines she will have more than ample speed and can be operated at a very fuel efficient rpm while maintaining full load cruising speeds in the 22-24 knot range. The bar area has been expanded to enhance food and beverage service.



SPECIFICATIONS

LOA	49'
BOA	16'9"
Draft	3'9"
Light Displacement	16,500 lbs
Heavy Displacement	23,500 lbs
Passengers	30
Engines	2 x 302 hp Yanmar
Fuel Capacity	2 x 100 gal
Water	35 gal
Waste	35 gal
Electronics	Standard Horizon, Sitex
Steering	Hydraulic
Cruise speed loaded	23 knots plus
Top speed	30 knots plus

FEATURES

HULLS, DECKS AND SUPERSTRUCTURE

Construction

Hulls, bridgedecks, roof, salon and bimini will be built with Corecell foam and fiberglass using Proset and Endurance Technology epoxy resin via resin infusion and vacuum-bag processes. Cross structure and amenities will be built using West System construction methods.

Exterior/Interior Finish

Dupont MS 600 polyurethane paint over Dupont Corlar epoxy primer--commercial yacht finish.

Paint and Graphics

- Snow White hulls, salon and cabin exterior
- Window stripe color TBD
- Nonskid color TBD
- Island 77 bottom paint – color TBD

- Cabin, stern any other graphics provided by Purchaser
- Misc markings as per USCG

DECK FITTINGS AND EQUIPMENT

Cleats

- 6 - 12" Stainless

Liferails

- 1.25" aluminum life rails and posts as needed
- 2 – 1.25" cabin side handrails

Deck Hatches

- 2 - Lewmar Size 50 hatches – aft deck
- 2 - Bomar access hatches to bows
- 2 – Composite engine hatches

Windows/Doors

- 3 – 3/8" acrylic windows on windscreen
- 8 – American Marine 1/4" glass opening windows
- 1 – Head access door

Steering

24" SS Destroyer wheel, Hynautic hydraulic system, bronze rams in series driving bronze tiller arms. Solid bronze rudders on S.S. shaft w/UHMW bearings.

GROUND AND MOORING TACKLE

- 1 – 44 Lewmar claw bow anchor with 15'-3/8" chain and 200' of 3/4" rode
- 1 - 44 lb Danforth style anchor with 15'-3/8" chain and 200' of 3/4" rode
- 4 - 50'-3/4" dock lines
- 4 – 10" x 26" Polyform Fenders

ELECTRICAL

- 1 – Clarion CMD-6 stereo
- 4 - Bose Speakers.
- 1 – Standard Horizon Matrix AIS VHF w/ mast head antenna
- 1 – 4" Compass
- 1 – Standard Horizon CP590 12" chartplotter, GPS
- 1 – Sitex MDS1 Radar
- 2 – Dynaplate ground plates
- 1 - Paneltronics DC electrical panel
- 1- Port and starboard bow light, sternlight, steaming and anchor lights
- 3 – 12V CFL Flourescent lights for head and engine rooms
- 6 – 12V Dome lights for salon
- 1 - 12V red/white light for bimini
- 2 – 12V spotlights for boarding area
- 2 – 12V receptacles at helm station and bar

PLUMBING

Piping

- Water supply hosing is rigid SeaTec, PVC, nylon and reinforced vinyl.
- 1 -Henderson MKV emergency manual bilge pump
- 6 - Rule 2000 bilge pumps with float switch
- Water Witch high water alarm system

Water Systems

- 1 – 35 gal. water tank each with Shurflo pressure pump and deck fill.
- 1 - sink spigot
- 1 – Hose bib for hose shower at swim ladder

Head

- 1 – Jabsco manual marine toilet, w/ bronze thruhulls and seacock.
- 1 – 35 gal holding tank with manual control overboard auto discharge

ENGINE

2 – 6LPASTP2 302hp Yanmar diesels with ZF 63A1 transmissions, 3 bladed fixed bronze props, bronze strut, 2" Aquamet 22 shaft, PYI shaft seals. Morse SL-3 controls, Vernalift wet exhaust, (2) 100 gal. aluminum fuel tanks. Parker hose to copper fuel lines. Elec fuel sender and gauges. Yanmar instrument panel w/oil pressure, water temp, alarms, tachometers and engine hour meters. Composite deck access/engine removal hatch. 8D starting batteries.

ACCOMODATIONS

- 17 salon seats –type TBD
- 5 aft deck seats – type TBD
- 8 flybridge seats –type TBD
- Stairway to salon roof with storage under
- Stairway to the Sea at the stern
- Custom bar with sink, ice box and shelving TBD
- Head compartment with locking door, toilet and sink.
- Flybridge helm station with captains chair, hard top bimini, guest seating and life rails
- Misc teak trim

MISCELLANEOUS

Buckets, scrub brush, sponges, toilet paper holders, winch handle holders

USCG CERTIFICATION:

USCG plans approval, USCG documentation, USCG inspection [30 passengers, 3 crew (x2) Coastal 20 mile route]. USCG Stability letter. Consultation with St. Thomas OCMI to expedite final certificate. FCC Station Inspection and Safety Certificate.