

GC65P

DESIGN BRIEF

The GC65P ferry is based on the earlier successful SunCat models and is very fuel efficient. QSB 305 Cummins engines provide a cruise speed of 23 knots while burning only 18 gallons per hour. Top speed is 27 knots. The secret? Long fine displacement hulls with 'canoe' sterns (therefore, double ended) which run pretty much dead level with no lift at all. Weight has been minimized and yes, there is some carbon fiber in the floor and other parts of the structure. The hulls and other components are e-glass/corecell foam and epoxy.



SPECIFICATIONS

LOA	65'
BOA	22' 8"
Draft	2'
Light Displacement	16,000 lbs
Heavy Displacement	26,000 lbs
Engines	2 X 305 Cummins
Top Speed	27 Knots
Cruise Speed	23 Knots
Fuel Capacity	300 gal

FEATURES

HULLS AND DECKS

Construction

- Hulls, decks, bridgedecks, roof, cabin sides, windshield and seats built of Corecell foam, glass and CPD epoxy resin using resin infusion and vacuum-bag processes. All primary structural components and amenities built using West System construction methods.

Exterior/interior Finish

- Dupont Polyurethane paint over epoxy primer-commercial yacht finish

Paint & Graphics

- Snow White hulls, salon
- Stripe colors determined by purchaser
- 2 - Coats of bottom paint (3 coats at waterline)

- Hull markings as per USCG minimum Requirements

PURCHASER to supply logo vinyl graphics.

DECK FITTINGS AND EQUIPMENT

Cleats

- 2 - 15" Stainless
- 5 - 12" Stainless

Fairleads

- 2 - 7 3/4" Bow chocks

Life rails and posts

- 1.25" Aluminum as needed

Deck Hatches

- 2 - Lewmar Size 70 hatches

- 2 – Lewmar Size 60 hatches
- 2 – Composite wet locker hatches
- 4 – Tempress utility hatches
- 2 – Custom engine removal access hatches

Windows and Doors

- 1-American Marine entrance door
- 4 Fixed American Marine Yachtsman windows
- 6 opening American Marine yachtsman windows

Steering

- 32" 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, 15'-3/8" chain and 200'-3/4" rode
- 1 - 28# Danforth style, 15'-3/8" chain and 200'-3/4" rode
- 4 - 50'-3/4" dock lines
- 4 – 10" x 26" Polyform fenders
- 1 - Bow Anchor Roller

ELECTRICAL

- 1 – Clarion CMD stereo. 4 Bose Speakers
- 1 - Raymarine VHF w/ antenna
- 1 – 4 1/2" Danforth Constellation Compass
- 1 - Raymarine Knot, Depth
- 1 - Raymarine ST 6001 autopilot
- 1 – Raymarine Radar, Raychart and GPS w/7" C80 Display. 2KW Radar dome
- 1 - Lightning rod dissipater
- 3 – Dynaplate ground plates
- 1 - Paneltronics AC/DC electrical panel
- Gold Coast cross charging/starting battery switch system

- 3000 watt Inverter w/ 2- 8D Lifeline housebank.
- 1-Port and starboard bow light, sternlight, steaming and anchor lights
- 10 – 12V S.S. Dome lights for salon
- 3 - 110V outlets
- 1 - 12V receptacle
- 2 – Hella fans in engine room

PLUMBING

Piping

- Water supply hosing is rigid PVC, nylon and reinforced vinyl. PVC and Quest fittings.
- 1 -Henderson MKV emergency manual bilge pump
- 6 - Rule 2000 bilge pumps
- High water alarms for each compartment

Water Systems

- 2 – 55 gal. water tanks w/ Shurflo pressure pump and deck fill.
- 3 - sink spigots
- Hose bib in each stern

Heads

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

ENGINE

2 – QSB 5.9 305hp Cummins diesels with ZF (TBD) straight drive transmissions, 26" 4 bladed fixed bronze props, 2" Aquamet 22 shaft, PYI shaft seals. ETS electronic controls, 6" Vernatone wet exhaust, (2) 150 gal. aluminum fuel tanks with fuel filters. Copper fuel lines. Elec fuel sender and gauges. Instrument panel w/oil pressure, water temp, alarms, tachometers and engine hour meters. 4D Lifeline starting batteries.

ACCOMMODATIONS

- Two heads w/locking doors, sinks and vent on stern deck
- Cabin seating with tables
- Stern deck seating
- Galley with bar top , icebox, storage cabinet and sink
- Radar/ antenna post
- Misc. teak trim on tables and counters

MISCELLANEOUS

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

USCG CERTIFICATION

- USCG plans approval, documentation, USCG Certification [65 passengers, 3 crew (x2) Coastal 20 mile near shore route]. Stability letter. FCC Station.