

GC60WP

DESIGN BRIEF

Custom designed to be an inter island shuttle in the rough waters between Puerto Rico, Vieques and Culebra. The design offers an exceptional ride due to the wave piercing hull shape and high underwing clearance with low fuel consumption.



SPECIFICATIONS

L.O.A	60'
B.O.A.	20'5"
Draft	3'6"
Lightship weight	20,000 lbs
Full Load weight	32,000 lbs
Top Speed	28 knots (32 gal/hr)
Cruise Speed	24 knots (25 gal/hr)
Passengers	49
Engines	2 x 315 Hp diesels Yanmar
Fuel Tank	2 x 150 gallon
Water	1 x 55 gal
Waste	1 x 35 gal
Steering	Hydraulic
Electronics	Standard Horizon/ Sitex

FEATURES

HULLS, DECKS AND SUPERSTRUCTURE

Construction

Corecell foam, glass and epoxy resin using resin infusion and vacuum-bag processes. Structural assembly and misc components using West System construction methods.

Interior/ Exterior Finish

- Dupont polyurethane paint system
- Commercial yacht finish

Paint and Graphics

- Snow White Exterior
- Graphics supplied by PURCHASER
- 2 Coats Islands 77 bottom paint, 3 on waterline
- Markings as per USCG

ACCOMMODATIONS

- One head w/ door, sink, toilet and mirror
- Interior seating for 44 or more to be determined
- Exterior seating for 8 or more to be determined
- Forward pilothouse w/ Captains chair
- Interior and exterior cargo storage

DECK FITTINGS AND EQUIPMENT

Cleats

- 4 - 15" 316 Stainless
- 2 - 12" 316 Stainless

Lifelines

- 1.25" Welded aluminum liferails and posts as needed
- 2 - 1.25" cabin side crew handrail

Deck Hatches

- 2 – Composite engine removal hatches
- 2 – Bomar access hatches
- 2 – Lewmar 50 deck hatches

Windows/doors

- 10 – American Marine 1/4" glass opening windows with clear anodized finish.
- 5 – American Marine 3/8" glass fixed windows with clear anodized finish.

STEERING

- 24" Destroyer wheel via Hynautic hydraulic steering system to bronze tiller arms via Hynautic rams and liquid tie bar.
- GCY fabricated composite rudder. Schedule 80 S.S. rudder shafts

GROUND AND MOORING TACKLE

- 1 – 44 lb. Lewmar claw bow anchor with roller and 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 – Polyform 10" x 26" Fenders

ELECTRICAL

- 1 - Clarion CMD-6 stereo, 4 Bose151 Speakers
- 1 -Standard Horizon Matrix AIS VHF
- 1 – 7" PA horns
- 1 - Standard Horizon CP590 12" chartplotter, GPS
- 1 - Sitex MDS1 Radar
- 1 - 4" Compass
- 2 - Dynaplate ground plates
- 1 - Paneltronics DC electrical panel
- 1 - Port and starboard bow light, sternlight, steaming and anchor lights
- 3 - 12V Fluorescent light fixtures for head, engine rooms
- 8 - 12V Dome lights for salon
- 2 - 12V Red/White Dome lights for capt station
- 1 - Windshield wiper motor
- 2 – 12V Spotlights for boarding area
- 2 - 12V receptacles at helm station
- 2 – Hella fans in engine room

PLUMBING

Piping

- Water supply hosing is rigid PVC, nylon and reinforced vinyl
- 4 - Rule 2000 bilge pumps

Water Systems

- 1 - 55 gal water tanks with Shurflo pressure pump and deck fill
- 1 - Sink spigot

Heads

- 1 – Dometic Masterflush 8100 12V electric toilets with PAR -Max Ultra 7 salt water supply pump.
- 1 – 35 gal holding tank w/ deck pump out and manual control overboard auto discharge

ENGINES

2 – 6LPASTP2 315hp Yanmar diesels with ZF 63A transmissions, 80 amp alternator, 3 bladed fixed bronze props, S.S. strut, 2" Aquamet 22 shaft, PYI shaft seals. Morse MT3 controls, Vernalift wet exhaust, (2) 150 gal. aluminum fuel tanks with 10 micron filter separators. Parker hose to copper fuel lines. Elec fuel sender and gauges. Instrument panel w/oil pressure, water temp, alarms, tachometers and engine hour meters. Composite deck access/engine removal hatch. 8D starting batteries.

USCG CERTIFICATION

- USCG Plans Approval and Certification [49 passengers, 3 crew, Coastal 20 mile near shore route] Stability letter. FCC Station Inspection.