

## GC57P

### DESIGN BRIEF

A custom GC57 power cat developed for Buccament Bay, St. Vincent guest transfers and excursions. The cabin, flybridge and amenities have been upgraded while keeping the vessel light, fast and fuel efficient. Construction will be of Corecell foam, glass and epoxy resin using resin infusion and vacuum-bag processes with primary structural components and amenities built using West System construction methods. Passenger and service amenities include an air-conditioned interior with tinted windows, a large guest accessible flybridge and seating for 60



### SPECIFICATIONS

LOA	57'
BOA	22'8"
Draft	3'
Light Displacement	22,500 lbs
Heavy Displacement	40,000 lbs
Passengers	60
Engines	2x 240HP
Fuel Capacity	200 Gal
Cruise Speed	22 Knots
Max Speed	25 Knots

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### FEATURES

#### HULLS AND DECKS

##### **Construction**

- Hulls, decks, superstructure built of Corcell foam/glass/epoxy resin using resin infusion and vacuum bag construction methods and assembled using West System Epoxy resin processes.

##### **Exterior Finish**

- Dupont polyurethane paint over Dupont epoxy primer--commercial yacht finish

##### **Interior Finish**

- Dupont polyurethane paint over Dupont epoxy primer--commercial yacht finish

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

- All exterior gloss white - Shell White
- Interior gloss white - Snow White
- Bottom paint – Seahawk 77 - Blue
- PURCHASER to supply logo vinyl graphics if any.
- Hull markings as required

#### DECK FITTINGS AND EQUIPMENT

##### **Cleats**

- 3 - 12" Stainless
- 4 – 15" Stainless

##### **Liferaills/Posts**

- Custom welded 1.25" brush finish aluminum perimeter handrails, handrails and posts

##### **Deck Hatches/Doors**

- 2 – Custom composite engine access hatches
- 2 – Lewmar 50 stern deck hatches
- 2 – Lewmar 60 foredeck hatches
- 1 – American Marine exterior cabin door
- 2 – Teak Isle doors ( Head, Stair storage)
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##### **Windows**

- 2 - Flush 3/8" acrylic salon side windows

## **Steering and Rudders**

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

## **GROUND / MOORING TACKLE/FENDERS**

- 1 - 44# Lewmar Claw anchor, 15'-3/8" chain and 200'-3/4" rode
- 4 - 50'-3/4" dock lines
- 4 - Scanmarin fenders

## **ELECTRICAL**

- 1 – Standard Horizon Matrix VHF radio with AIS
- 1 – 4 1/2" Danforth Hi Speed Compass
- 1 – Standard Instrument CP 500 GPS/ Chart plotter
- 1 – Sitex MDS-1 2KW radar
- 1 – Clarion entertainment system with IPOD adaptor, 8 Bose speakers and 4 L-pads for speaker control.
- 2 – Dynaplate ground plates
- 1 – Paneltronics AC/DC electrical panel
- 1 – Onan 7.7KW genset
- 2 -8D House battery bank
- 2 – 18,000 BTU Air conditioning units
- 1 - Port and starboard bow light, sternlight, steaming and anchor lights
- 6 – 12V light fixtures for head, bow, engine room and stairway storage
- 6 – 12V LED Dome lights for salon area
- 2 – 12V Spotlights for boarding area
- 10 – LED Courtesy lights for stairs
- 2 - 12V receptacles at helm station
- 2 – Hella fans in engine room

## **PLUMBING**

### **Piping**

- Water supply hosing is rigid PVC, nylon and reinforced vinyl. PVC and nylon fittings.
- 1 -Henderson MKV emergency manual bilge pump
- 2 - Rule 1000 electric bilge pumps

### **Water Systems**

- 1 – 55 gal. polyethylene water tank w/ Jabsco Ultra Max pressure pump, accumulator and deck fill.
- 2 - Sink spigot

## **Heads**

- 1 – Dometic 12V AC electric toilet w/ Marelon thruhulls and seacocks.
- 35 gal holding tank with manual control overboard auto discharge

## **ENGINE**

2 - 4LHA-STP 240 HP Yanmar diesels with ZF 63A transmissions, 1.75" Aquamet SS shafts and 3 blade fixed props. Bronze thru hulls. USCG approved hoses. Morse SL 3 controls, Morse cables, Yanmar instrument panel, with oil pressure, water temp, and engine hour meters, safety alarm, tachometers, 80 amp alternator. Vernalift wet exhaust, 2-Optima (1000 CCA) starting batteries. 2 - 100 gal 1/4" wall aluminum fuel tanks. USCG approved hoses for fill and vent.

## **ACCOMMODATIONS**

- "Ladder to the Sea" forward
- (2) Sunrise 2" webbing nets
- Curved and radiused fiberglass forward deck seating area
- Curved and radiused fiberglass aft deck seating area
- Curved stairway to flybridge
- Under stairway storage area with door
- Air-conditioned salon with tinted acrylic windows, curved seats and Teak tables.
- Service bar w/ sink, Norcold 110V refrigerator, teak bar top and Paragon cabinet door.
- Large flybridge with curved and radiused fiberglass guest seating and Teak tables
- Hard bimini top, acrylic deflector and helmsman chair for captain
- Head compartment w/ locking door, Corian sink counter top, toilet, mirror and ventilation system.

## **MISCELLANEOUS**

Buckets, scrub brush, sponges, toilet paper holder

## **SAFETY EQUIPMENT**

- 1 24" Ring buoy w/ bracket
- 60 Adult Type 1 PFDs
- 6 Child Type 1 PFDs
- 6 Red hand-held flares
- 6 Orange smoke hand-held flares
- 2 10 lb ABC (B II) Fire Extinguisher w/ holder
- 1 Watertight container (flares)
- 1 Oil/Garbage discharge plaques

- 1 PFD Donning Instructions
- 2 Engine air intake closure system
- 2 FE-241 Fire suppression systems for the engine room w/ shutdown controls