

## GC46P

### DESIGN BRIEF

A 65 passenger 46' power cat for partially protected waters charters by All Hawaii Cruises in Mamala Bay, Oahu. The design features a raise/lower glass bottom window, forward swim ladder, aluminum boarding ramp, food prep/service bar, twin heads, multiple seating areas for 65 guests and a fixed hardshell roof and windscreen.



### SPECIFICATIONS

LOA	46'
BOA	21'
Draft	2'6"
Light Displacement	14,500 lbs
Heavy Displacement	30,000 lbs
Passengers	65
Engines	2 x 75 Yanmar
Fuel Capacity	2 x 100 gal.
Top Speed	14 Knots
Cruise Speed	11 Knots

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### FEATURES

#### HULLS, DECKS AND SUPERSTRUCTURE

##### **Construction**

Hulls and all decks built of Corecell foam, glass and Endurance Technology epoxy resin using vacuum-bag processes. All primary structural components and amenities built using West System construction methods.

##### **Exterior/ Interior Finish**

- Dupont polyurethane paint system
- Commercial yacht finish

##### **Paint and Graphics**

- All gloss paint Snow White
- Choice of colors for topside stripe
- Choice of colors for nonskid
- 2 coats Islands 77 bottom paint, 3 on waterline
- 4" Name and hailing port on aft beam
- Hull graphics supplied by PURCHASER

#### ACCOMMODATIONS

- 2 - Heads w/ door, sinks, heads and mirrors
- 2 - Head interior doors to forward bow storage
- Bar with two ice boxes, 3 sinks, two spigots, hot water, beverage counter, 110V outlets
- Fixed seating for 68
- Rigid cambered protective roof with windscreen and cabin sides
- Aft capt steering station
- Pompanette helm seat
- Bimini top
- Bow stairway to the sea
- Lockable dry storage under helm station and in bows.
- Lockable bar and heads
- Lockable foredeck storage
- Custom BBQ grill supplied by PURCHASER

## DECK FITTINGS AND EQUIPMENT

### **Cleats**

- 8 - 12" 316 Stainless

### **Lifelines/Liferails/Boarding ramp**

- 1.5" OD welded aluminum life rail top and uprights with 3/8" halyard braid intermediaries.
- Hinged folding aluminum boarding ramp gate to starboard aft.
- Wire rope boarding gate to port aft
- Welded aluminum stairway handrails port and starboard
- Welded aluminum handrails along head stairwell

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

- 2 - Lewmar Size 50 hatches
- 2 - Bomar oval aluminum deck hatches
- 2 - Lockable head doors
- 2 - Lockable interior head access doors to bow storage
- 2 - Beckson opening ports in head

## GROUND AND MOORING TACKLE

- 1 - 44 lb. Lewmar claw anchor 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 - 10" x 26" Polyform fenders

## ELECTRICAL

- 1 - Clarion CMD-6 stereo with AM/FM, USB adaptor and remote control. 4 Bose Speakers
- 1 - Standard Horizon Matrix GX 2150 AIS VHF radio with antenna and two loudspeaker PA horns
- 1 - Standard Horizon 3901 GPS/Chart Plotter
- 1 - 4" Ritchie Hi Speed Compass
- 1 - Lightning rod dissipator
- 2 - Dynaplate ground plates
- 1 - Paneltronics AC/DC electrical panel
- 1 - Port and starboard side lights, sternlight, steaming and anchor lights
- 6 - 12V CCFL interior light fixtures; Heads, fwd & engine room
- 4 - 12V Dome lights for salon
- 3 KW diesel generator
- 110V outlets in bar, helm station
- 12V outlets at helm station
- Antennae mount
- Tankless UL approved hot water heater

## PLUMBING

### **Piping**

- Water supply hosing is SEATEC , PVC, nylon and reinforced vinyl as required.
- 1 - Henderson MKV emergency manual bilge pump
- 4 - Rule 500 UL listed bilge pumps - heads, engine rooms

### **Water Systems**

- 1 - 55 gal water tank each with Shurflo pressure pump and deck fill
- 3 - Sink spigots
- 1 - Fordeck hose bib for guest shower

### **Heads**

- 2 - Jabsco manual toilets, w/ marelon thruhulls and seacocks.
- 2 - 30 gal holding tanks w/ manual control overboard auto discharge

## ENGINES

2 - 4JH4-TE 75hp Yanmar diesels with KM4A2 transmissions, 1-1/2" Aquamet SS shafts and 3 blade fixed props. Bronze thru hulls. Morse SL - 3 controls, Morse cables, Yanmar instrument panel, with oil pressure, water temp, and engine hour meters, safety alarm, tachometers, 55 amp alternator. Vernalift wet exhaust, 2-Optima (1000 CCA) starting batteries. 2 - 100 gal 1/4" wall aluminum fuel tanks.

## USCG CERTIFICATION

- USCG plans approval, USCG Documentation, initiate USCG Certification [65 passengers, 3 crew (x2) Partially protected route not more than 3 mile from shore. Stability letter. FCC Station Inspection and Safety Certificate.