

ISLAND EXPRESS II GC57

DESIGN BRIEF

Economical and fuel-efficient commuter shuttle for Panama City to Contadora and Saboga islands.



SPECIFICATIONS

LOA	57'
BOA	22'7"
Draft	3'
Light Displacement	17,000 lbs
Heavy Displacement	35,000 lbs
Passengers	80
Engines	2 x 240 hp Yanmar
Fuel Capacity	2 x 250 gal
Cruise speed loaded	20 knots
Full speed loaded	25 knots
Underwing clearance	3'4" – 5'

FEATURES

HULLS, DECKS AND SUPERSTRUCTURE

Construction

Hulls, decks, cabin, roof, bulkheads and secondary components built of Corecell foam/ glass/ epoxy using resin infusion and vacuum-bag processes

Exterior/Interior Finish

- Dupont polyurethane paint
- Unfaired workboat semi gloss finish

Paint and Graphics

- Snow White topsides and cabin
- 2 Coats Islands 77 Black bottom paint, 3 on waterline
- 4" Name and hailing port on aft beam
- 4" name on bows

ACCOMMODATIONS

- Head w/ door, sinks head and mirror
- Salon seating for 54
- Exterior seating for 12
- Rigid protective roof and cabin

DECK FITTINGS AND EQUIPMENT

Cleats

- 8 - 12" 316 Stainless

Lifelines

- 2 - 3/16" vinyl covered SS wire boarding gates

Deck Hatches

- 2 – Custom fiberglass engine hatches w/gutter
- 2 - Lewmar Size 50 hatches
- 4 – Bomar ABS utility hatches

Windows

- 8 - Eisenglas roll up cabinside windows
- 3 - American Marine helm station windows (1 fixed, 2 open up and out)

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 Scanmarin Fenders
- Full length PVC rub rail

ELECTRICAL

- 1 -Standard Horizon Matrix AIS VHF
- 1 - Standard Horizon CP590 12" chartplotter, GPS
- 1 - Sitex MDS1 Radar
- 1 - 4" Danforth Constellation 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
- 5 - 12V SS Dome lights for salon, stern deck
- 2 - 12V SS R/W Dome lights for capt station
- Windshield wiper motor

PLUMBING

Bigle Pumps

- 6 - Rule 500 bilge pumps

Water System

- 1 - 20 gal water tank w/ foot pump
- 1 - Sink spigot

Head

- 1 – Jabsco manual toilets, w/ thruhulls and seacocks.
- 1 – 14 gal Holding tank w/manual control overboard auto discharge

ENGINES

- 2 - 4LHA-STP 240hp Yanmar diesels with ZF 63 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, 55 amp alternator. Vernalift wet exhaust, 2-Optima (1000 CCA) starting batteries. 2 - 150 gal 1/4" wall aluminum fuel tanks. USCG approved hoses for fill and vent.

OTHER SAFETY EQUIPMENT

- 4 24" Ring bouy w/bracket
- 75 Taylortec Adult Type 1 PFD's w/ retroreflective tape, lights and whistles
- 15 Taylortec Child's Type 1 PFD's w/retroreflective tape, lights and whistles
- 3 22 man life floats w/ light and float free link
- 6 Red hand-held flares
- 6 Orange smoke hand-held flares
- 12 Parachute flares
- 4 10 lb ABC (B II) Fire Extinguisher w/ holders
- Watertight container (flares, flashlight & whistle)
- Emergency procedures, waste plan
- USCG Signage (All Required)
- CSD Bulkhead Sealant
- Oil/Garbage discharge plaques
- Metalic Hydraulic Steering Line
- PFD Donning Instructions
- Radio/Ship's Log Book
- Engine intake closure
- PTO Fire Pump
- PTO custom engine bracket
- USCG PTO FC300 hose with assembly ends
- USCG Approved fire hose and nozzle
- USCG Aeroquip 2661 hose, cooling

MORE PHOTOS BELOW

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