



SEABOATS

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NEW BUILD - 12.8 Apex Pilot Boat



Listing ID - 4578

Description NEW BUILD - 12.8 Apex Pilot Boat

Date Built to Order

Launched

Length 12.8m (42ft)

Beam 3.8m (12.6ft)

Location San Jose, Costa Rica

Broker Reynaldo Gil
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Price US \$ 900,000

HULL:

The hull is a deep V with a central keel for better stability and maneuverability during operations. There are four watertight compartments. All is built in FRP.

The molded hull is totally hand built in FRP with vinyl ester resin CORVE 8121, which is approved by Lloyds and with resistant corrosion properties, and high resistivity of heat distortion. There is Finishing gel coat CCP COMPOSITES ISOPHTHALIC NPG (high quality) supporting all weather constraints, fuels and other abrasives substances.

Hull shall be totally reinforced with lateral, longitudinal frames and beams.

The inferior part of the hull shall be able to support all impacts and others bump which may happen within maneuvers.

DECK:

Coming from the mold, it has to be built in GRP with Vinyl ester resin, finishing with a glossy gel coat able to support bad weather, fuel, and any abrasive substances.

The outside part of the deck shall be already molded with a nonskid relief pyramid type 3.17mm and 4 faces 1.2mm height. This is to warranty a very good grip for walking and maneuvering.

CABIN:

Cabin shall be built in a mold. It shall be in GRP with resin vinyl ester and finished with a shiny gel coat able to resist bad weather, fuels and others abrasives materials.

The interior side is totally built in GRP with nonskid diamond type and totally watertight, with windows for a 360-degree view visibility, 3 opening (if good weather) side windows and a window at the top which can be used as an emergency exit.

All around the cabin, there shall be a stainless-steel handrail for safety outside.

The sidewalk shall be 70 cm.

Electric wipers have to be on the front window.

Access to cabin is a watertight door which can be blocked at opened position.

General characteristics:

L.O.A (molded): 41ft (12.50m)

L.O.A (with fender) 42ft (12.80m)

LWL: 37.27ft (11.36m)

Beam (molded): 12.6ft (3.84m)

Beam (with fender): 13.58ft (4.14m)

DRAFT MAX: 3.94ft (1.20m)

DRAFT Fairbody: 2.59ft (0.79m)

Displacement (half load): 28440 # 12.9 t

Displacement/length ratio: 256

Prismatic Coeff.: 0.78

Block Coeff.: 0.365 LCB (% WL) 57.2%

Transverse BM: 7.84ft (2.39m)

Longitudinal BM: 72.67ft (22.15m)

GM: 7.64ft (2.33m)

Fb Front: 4.66ft (1.42m)

Fb Aft: 3.28ft (1m)

Average Deadrise: 22 deg

Wetted Area: 452 sqf (42m²)

Water plane Area: 369 sqft (34.3m²)

Center of Gravity: X=6m40 ; Z=0m51

Performance with Cummins QSB6.7 - 355 hp engines:

Top speed V: 26 kts

Cruising speed : 17 kts

Shaft Horsepower: 700

Shaft Diameter: 2"

Propeller:

Quantity: 2

Diameter: 24"

Blades: 4

Engine:

Brand: CUMMINS MARINE QSB6.7 - 355 (BHP 350 @ 3000 RPM)

Quantity: 2

Tank Capacity:

2 x 700 liters fuel or more

Navigation & communication equipment:

The vessel is to be fitted with the following equipment:

Rudder angle indicator Raymarine I70 System

Echo Sounder Raymarine I70

Magnetic compass

Radar 48N/M - GARMIN GRM 24HD

Plotter / GPS - GARMIN 6212

2 VHF Radio - Icom IC-M604 DSC and VHF Antenna.

AIS TRANSPONDER class B

Fuel Tanks:

Each fuel tank capacity shall be of 190 Gallons. (1200x1000x600)(L x W x H), and constructed in stainless steel and fitted in the forward engine room, bolted on longitudinal extension of engine beds, forward the engines.

The tanks are fitted with baffles, in general giving a maximum un-baffled volume of 55 gallons.

On each tank one inspection hatch in the top into which fuel take off, and venting are fitted.

FENDERS:

All around the hull there is a stainless steel angle belt, 6mm thickness, to insure the assembly of the superior fender for a high hull protection against the impacts in duty.

An inferior fender shall be at 150mm above the chine from the aft to around 3meters aft forward perpendicular.

On the inferior part under waterline there shall be also 8 inferior fenders at 30deg angle from vertical.

All the fenders shall be mounted in ss 316 bolts. (12mm) and 8mm below share line.

Fenders are fitted in accordance with the constructions plans (see profile deck plan).

Fenders specifications:

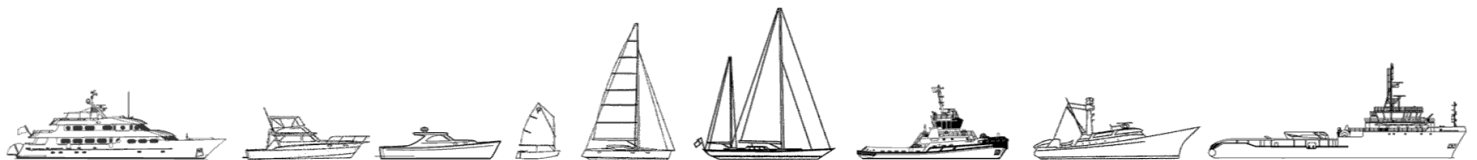
Superior fenders: Height 15.24 cm, width 15.24 cm with inside bore of 7.62

Inferior fenders: Height 10.16 cm, width 10.16 cm with inside bore of 5.08 cm.





The details of all vessels are offered in good faith but we cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. Any buyer should instruct their agents, or their surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to sale, price change, location or withdrawal without notice.



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