



47 ft Breaux Dive Vessel - Built 1967

PRODUCT DESCRIPTION

35 Pax Aluminum Dive/Snorkel boat

Turn key operation ready to start making money!

Ran charters out of Florida for many years before her recent refit. This vessel is a single screw aluminum, displacement type vessel, modified to serve commercial recreational SCUBA dive industry. Subject vessel has a vee type hull with a flush deck, open seating areas around the perimeter, helm station, wet bar and a marine head. Vessel is fitted with an aluminum hard top and transom contains port and starboard doors accessing a fold down dive platform.



- Bottom and side plating generally consist of 1/4" thick aluminum.
- Bottom plating in way of propellers is constructed of 5/16" thick aluminum.
- Deck plating is estimated to have been approximately 1/4" thick aluminum original.
- Hull is framed longitudinally utilizing 3" x 2" x 1/4" aluminum t-frames on 16" centers
- Hull is framed transversely utilizing 4" x 2" x 1/4" aluminum t-frames on 16" centers
- Deck longitudinal frames are 3" x 2" x 1/4" aluminum "I" beams on 16" centers.
- Vessel is divided by 2 transverse bulkheads.
- The exterior hull is protected by an 2 1/2" aluminum double strake rub rail and portable docking bumpers

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Additional Information Deck

- The deck is constructed of aluminum panels, fitted with various hatches leading into lower hull



compartmentation.

- Deck fittings consist of an adequate complement of cleats, chocks, and lifting eyes strategically located throughout
- the deck and top of gunwale. Vessel is available to launch and be hauled via lifting eyes with crane.
- The forepeak and perimeter of the gunwale is fitted with a diamond plate skid resistant deck plating.
- Accommodations include seating for 49 passengers in custom dive boat benches that encompass the parameter of the vessel. Subject seating arrangement contain custom brackets that cradle SCUBA tanks at each seat that have been modified to hold snorkel gear but can easily also hold tanks.
- The deck contains two aluminum deck mounted consoles. Forward console is the navigation station and the other serves as the Dive Masters podium and/or a Wet Bar for entertaining guests with storage shelving built in.
- Marine head (bathroom) on the aft deck. Vessel is equipped with an AHEAD® type II marine sanitation system. System serves a typical yacht type head located on deck inside aluminum enclosure.

Navigation

- Navigation station is an aluminum console set atop the deck. .
- Navigation station containing an operators chair, and navigational instruments.
- The navigation station contains the following principle equipment:
- 15" Destroyer type stainless ships wheel.
- Morse throttle and clutch controls.
- Yanmar engine gauges.
- Gauge set contains, one (1) rpm gauge, one (1) oil pressure gauge, one (1) water temperature, gauge, one (1) buzzer stop switch, one (1) panel illumination switch, one (1) key switch and one (1) emergency stop button.



- Electrical switch panel with voltage meters, toggle switches for navigational and deck lighting, and two (2) 12 volt plugs-in outlets.
- Bilge alarm/switch serving forepeak compartment, MSD compartment, machinery space and rudder compartment.
- Electric horn
- Bestik 300W power inverter

Electrical

- The vessel is wired with neoprene covered type wiring. Fixtures are of the yacht type. 12-volt, DC. Switchboard is of the toggle switch type.
- Overload protection is via circuit breakers and fuses.
- Three (3) 12-volt heavy duty marine type batteries are aboard, two stowed below deck in approved battery box and one adjacent to the navigational electronics.
- (1) battery switch.

Machinery Propulsion machinery consists of a Yanmar 6L 400, in-line 6 cylinder, turbocharged diesel engine. Subject engine is rated at 400 HP at 3300 RPM's. and drives a single propeller through a model ZF 280-1 marine reverse reduction gear with a ratio of 2:1. Cooling is effected through an external raw water heat exchanger system.

- Propulsion machinery is electric starting.
- Engine is served by a racor fuel filtration system.
- Propellor is 22 x 20 three (3) blade wheel
- Shaft is 2" stainless steel.

Pumps

- Rule 27D 1100GPH bilge pump located in way of forepeak
- Atwood S 1000 GPH bilge pump located in way of MSD system
- Rule 2000 GPH bilge pump located forward of machinery
- Rule 25S 500 GPH bilge pump located in rudder compartment.
- All bilge pumps are incorporated into an



Aqualarm switch and monitor system.

