

# Brookie P



## SPECIFICATION

<b>CREW BOAT</b>	<b>BROOKIE P.</b>
<b>OFFICIAL NO.</b>	<b>645490</b>
<b>LENGTH</b>	<b>45.6ft</b>
<b>BREADTH</b>	<b>15.3ft</b>
<b>DEPTH</b>	<b>6.2ft</b>
<b>GROSS TONNAGE</b>	<b>31</b>
<b>NET TONNAGE</b>	<b>21</b>
<b>SPEED</b>	<b>28 mph</b>

## **DESCRIPTION:**

Vessel was built of all welded aluminum construction by Delta Bay Craft, Inc., Belle Chase, Louisiana during 1982. It was acquired by owner in 2007. Vessel has been updated and repowered in August 2011

Vessel has a flush deck, model bow, square stern, and aluminum superstructure with aluminum watertight doors and rubber gasket mounted weather tight windows.

This vessel is a typical coastal crew boat with a hard chine and a vee'd bottom. The construction is a typical all aluminum, crew boat utilized in the oil industry.

## **HULL CONSTRUCTION:**

Model bow, square stern, chine hull, with a single structured cabin. All welded aluminum estimated original thickness 5/16" and 1/4" plate. 3" x 1-1/2" "T" beam on 12" centers. Welded aluminum, estimated original thickness 1/4". Three (3) transverse bulkheads divide the hull into four (4) compartments. Bulkhead penetrations are provided with glands/chafing protection, designed watertight. Hull guard approximately 24" chain with rubber tires hang at sides and stern.

## **COMPARTMENTS:**

Three (3) transverse bulkheads divide the hull into four (4) compartments. Bulkhead penetrations are provided with glands/chafing protection. Forward compartment is the forepeak. Second compartment is the void space below the passenger area. Third compartment is the engine room. Fourth compartment is the rudder compartment.

## **DECKHOUSE:**

Deckhouse, constructed of aluminum, is fitted with aluminum watertight doors and rubber gasket mounted windows. One (1) one-dog, aluminum, watertight door located aft deck. One (1) one-dog, aluminum, water tight door located port pilothouse. Water doors are maintained with unpainted sealing faces and gaskets.

## **PILOTHOUSE:**

Pilothouse contains the following navigation equipment: Full engine instrument panel monitoring engines, generators, and gears: oil pressure, drive oil pressure, water temperature, ampere and tachometer. Main engine alarm system, three electric windshield wipers, (1) Standard Horizon VHF radio, One (1) Furuno 48 mile range radar, 4" Ritchie liquid filled compass. Two 6" incandescent search lights by Rayline. One Furuno GPS, one (1) single bunk.

## **ELECTRIC SYSTEM:**

Vessel is wired with basket weave, metal armored cable. Lighting system is 110 volt AC. Overload protection is attained by means of circuit breakers.

## **BATTERIES:**

Three (3) 12 volt heavy duty marine type batteries located in a well ventilated area. Same are fitted with a min disconnect switch.

## **ENGINE ROOM:**

Two (2) 405 Hp QSL 9 Cummings diesel engines. ZF model 325 2:1, with reduction hydraulic gears and stainless steel shafts. One (1) 13.5 KW generator, powered by one (1) Isuzu model 3 CD1, 3 cylinder diesel engine. There is one (1) ½ “Jabsco pump, powered by starboard main engine, belt driven. Non-return valves are fitted to ballast/bilge pumping system.

## **FUEL:**

Two (2) independent aluminum tanks, approximately 250 U.S. gallons total capacity located port and starboard aft of engine room. Potable water 200 U.S. gallons

## **ARRANGEMENT:**

Just forward of the passenger lounge and on a slightly lower level is the crew's berthing and galley combination; one (1) bunk and galley area has (1) General Electric 2 burner electric stove. One (1) Danby 5 cu ft. refrigerator, double stainless steel sink and associated cabinetry. One sharp microwave oven. One (1) 19” Broksonic color television. The passenger area has four (4) passenger benches, two (2) tables, and two (2) roof mounted air conditioning units. This vessel can carry 24 passengers

## **LIFESAVING EQUIPMENT:**

One (1) flare gun kit

One (1) 12 man life raft atop cabin with lanyard and water light

One (1) first aid kit

One (1) throw able device with lanyard and auto water light, multiple U.S.C.G. approved life jackets, Type 1

## **FIRE-FIGHTING EQUIPMENT:**

One (1) 5# Dry chemical fire extinguisher – pilothouse

Two (2) 20# CO2 Fire extinguisher – passenger compartment

One (1) 20# Dry chemical fire extinguisher – passenger compartment

**OTHER EQUIPMENT:**

Two (2) Engine room hatches-aft deck

One (1) U.S.C.G. approved head facility-forward compartment

Hand rail around aft deck-all decks non skid, aft deck covered with rubber mats. Grab rail around cabin sides

**BILGES:**

Vessel is equipped with a bilge alarm system. Bilge pumping system is adequate and consists of one (1) through hull discharge. Bilge suctions have check valves. Stuffing boxes have double clamps on the hoses and have double retainer nuts on the take-up bolts.