

# TE BRUD



## SPECIFICATION

<b>OFFICIAL NO</b>	<b>979435</b>
<b>LENGTH</b>	<b>50 FT</b>
<b>BREADTH</b>	<b>15.1</b>
<b>DEPTH</b>	<b>7 FT</b>
<b>GROSS TONNAGE</b>	<b>33</b>
<b>DECK SPACE</b>	<b>16FT X 10 FT</b>
<b>PASSENGERS</b>	<b>25</b>
<b>FUEL</b>	<b>325 US GALLONS</b>

## **DESCRIPTION**

Vessel was built of all welded aluminum construction by owner in Chauvin, Louisiana during 1991. Vessel has been updated and repowered in May 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**

Bottom plating is 5/16" original thickness except for last 20' which is 3/8" aluminum plate. Side plating is 3/16" original thickness. Deck plating is 1/4" original thickness. Vessel is framed both longitudinally and transversely with aluminum bulbous.

## **FENDER SYSTEM**

Hull is fitted with the following fender system; upper strake is located at the weather deck elevation and extends from bow to stern. Second strake is located approximately 18" below and extends from stern forward approximately 20'. Fender system is constructed of approximately (2) 1' 2" split aluminum pipe. Fender system is installed on each side.

## **BULWARKS**

Bulwarks are non-existent, however vessel is fitted with an approximate 12" high toe rail, installed from the bow stem aft approximately 10' on each port and starboard side.

## **Compartments**

Lower hull compartments are as follows;

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. Aluminum coatings are approximately 4" high under the doors leading into the deckhouse. There are (8) 3 passenger seats, (2) tables (2) stowage cabinets and (1) head with Lectro-San sanitary device. Bow and stern access hatches by Bomar-Twist lock type.

## **PILOTHOUSE**

Pilothouse contains the following navigation equipment; Steering wheel-stainless steel with Hynautic Hydraulic steering, pilot's seat (1) passenger dual seat, (1) Furuno radar 24 mile range, main engine control, main engine instrument panel, main engine alarm system, (3) D.C. windshield wipers, (2) Standard Horizon Eclipse VHF radio telephone, (1) 4" compass by Danforth, (2) remote control search lights, and (2) Kobelt type controls. (1) Furuno Navnet GPS (1) Furuno Depth Sounder

## **STEERING SYSTEM**

Steering system is mechanical utilizing hydraulic rams. Auxiliary steering station is located at the aft end of the deckhouse and main engine controls are adjacent.

## **ELECTRICAL 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.

## **ENGINE ROOM**

Main propulsion (2) 405 hp QSL9 Cummins engines driving twin propellers through ZF 2:1 ratio Hydraulic gears and stainless steel shafts. Total horsepower 810 keel cooled engines. There is (1) 1 1/4" Jabsco belt drive bilge pump with manifold system and D.C. electric clutch affixed to starboard main engines. There is (1) 10 KW water cooled diesel generator powered by Isuzu Diesel Engine.

## **FUEL**

Diesel fuel tank with a total estimated capacity of approximately 385 U.S. gallons is located in way of the rudder compartment. Same is equipped with approved type filling lines, vents and fuel shutoff valves.

## **BATTERIES**

Batteries aboard the vessel are located in a well ventilated area. (3) 12 volt heavy duty marine type batteries and are fitted with a main disconnect switch.

## **BILGES**

Vessel is equipped with a bilge alarm system that is adequate and consists of (1) through hull discharge. Bilge suction have check valves; stuffing boxes have double claps on the hoses and have double retainer nuts on the take bolts.

## **GROUND TACKLE**

Ground tackle consists of one (1) Danforth type anchor approximately 50 lbs

## **LIFESAVING EQUIPMENT**

- (1) Flare gun kit
- (1) 12 man life raft atop cabin with lanyard and auto water light 27 U.S.C.G. approved life jackets, Type 1

## **FIREFIGHTING EQUIPMENT**

- (1) 5# Dry chemical fire extinguisher - pilothouse
- (2) 20# CO2 fire extinguishers - passenger compartment
- (1) 70# fixed CO2 fire extinguisher system in engine room compartment

## **PICTURES**



