

GENERAL PARTICULARS

Vessel: Pusher Tug "LILLIAN G"
Owner: Pacific Tugboat Service
Official Number: 1110974
Tonnage: Gross: 63 Net: 51
Dimensions: LOA: 55 ft Beam: 17.3 ft
Depth: 10.0 ft
Built: Warren, RI; 2001

All welded steel hull and house

GENERAL DESCRIPTION

The "**LILLIAN G**" has a square pusher bow with raised port and starboard pusher arms. The vessel is well fendered with large tires on both the port and starboard sides. The vessel has an open bow and bulwarks from bow to stern with adequate mooring/tow bits.

The house has an accommodation space on the main deck and located above is the wheelhouse. Engine room can be accessed from a hatch in the accommodation space or from a hatch on a raised level aft of the house. The stern is open and has two winches aft of the raised level with a pulley outboard of each winch on the bulwark.

ENGINE ROOM / MACHINERY

Engine room is accessed from a ladder way in the main deck accommodation space and also from a hatch on the raised deck aft of the stack.

- **Main Engines:**
- (2) Caterpillar 3412 615 hp
- Reduction gear – Twin Disc MG5170 – Ratio 4.5:1
- Racor fuel filters

- **Auxiliary**
- Northern Lights 984 32 kW genset
- Racor fuel filters
- 4D marine battery

- **Engine space equipment/machinery**
- Exhausts all well lagged/clean
- Marathon 5 hp electric fire pump
- Hydraulic system, Worldwide electric motor and tank
- Forward end of engine room has a work bench and tool storage

- Hydraulic fluid tank for winch, portside
- Freshwater tank and Dayton Electric motor, starboard side
- Reliance 606 electric water heater
- (4) 4D marine batteries

Steering gear:

Hydraulically operated, located in after void accessed from hatch on main deck.

DECK EQUIPMENT

- (2) Pullmaster M25 hydraulic winches with synthetic line to pulleys on bulwarks
- H-bitt on centerline aft
- (2) Push pillars on bow, heavily fendered
- Bullnose chock inline with bitt on bow
- Bitts on port and starboard sides on bulwark, forward of house

WHEELHOUSE

Top level of main house, above accommodation space. Accessed from ladder on raised main deck starboard of stack. Provides good visibility throughout wheelhouse.

Wheelhouse equipment:

- 4" Ritchie magnetic compass
- Morse throttle controls
- Main engines gauges; tachometer, temperature, fuel psi, oil psi
- ComNav 1001 Autopilot
- Datamarine depth finder
- ComNav rudder control
- Furuno 1932 Mark-2 radar
- Garmin GPS map 4210
- Icom IC-M422 VHF radio
- (2) Standard Horizon GX23505 VHF radios
- Electrical panel for navigation and towing lights
- Winch controls
- Fire pump start/stop switch
- (1) Bunk, port side aft

Safety:

Wheelhouse:

- (4) USCG adult life jackets
- (4) 12-gauge HP aerial signal flares and gun
- (6) Orange smoke signals (exp. 7/12)
- (4) Red signal flares (exp. 12/11)
- 5 lb CO2 fire extinguisher

Life ring with light, outside wheelhouse door

Main deck:

- (2) Fire stations with 1 ½" hose and fire pump start/stop, port and starboard sides
- (2) Life rings with lights and line port and starboard sides
- (2) 100 lb CO2 extinguisher with hose, aft of house port of stack
- 4 person Elliott life raft with hydrostatic release

Safety cont.

Engine room:

20 lb CO2 fore extinguisher

Foam extinguisher, class 2-A:10-B

Accommodation space:

(2) Lifejackets

First aid kit

ACCOMODATION SPACE:

Located on main deck, accessed by doors on both port and starboard sides. Provides engine room access through aft hatch. One bunk port side. Starboard side has head with shower. Microwave refrigerator and sink located forward.

SURVEYOR'S NOTES

The “**LILLIAN G**” is well built and well kept vessel. This vessel is versatile in the work it can perform and is suitable for its intended service in all regards.



WHEELHOUSE



AFT DECK



CATERPILLAR PORT MAIN ENGINE



ACCOMODATION SPACE



STARBOARD WINCH ON STERN

