UNITED STATES COAST GUARD

Cleveland Ledge Lt.Sta.
U.S. Coast Guard
Woods Hole, Mass. 02540

5720
19 July 1968

From: Officer in Charge, Cleveland Ledge Light Station
To: Commander, Coast Guard Group Woods Hole

Subj: Completion of unit history

Ref: (a) COMCGONE NOTICE 5720

1. In compliance with ref. (a) the following compleation of this unit's history is as follows.

a. Initial date unit built. 7 October 1940

b. Latest date unit rebuilt. None, just general upkeep has been sufficie

c. Present location. Cleveland Ledge Light Station, Buzzards Bay, Massac Latitude 41°37'.9N Longitude 70°41'.7 W

d. Discription of building. Light list number 639, flashing white light every 10 seconds with an 0.8 second flash, is a major aid to navagation light station, which is 52 feet in diameter around the casson and 84 feet in overall height. The station is built on a cylindrical caisson foundat resting on timber grillage, filled with concrete and stone. The station is mainly white in color with a small amount of black trim.

There are 4 vertical ladders located on the north, south, east and west sides which go up 20 feet to the maindeck platform, which is 7 feet wide going around the station. On the north side is located the station boom used for handling cargo and the station small boat.

Inside, on the maindeck is located the radiobeacon room, messdeck, office, and recreation room. Below the maindeck is the engine room, where connections for shore tie cable and telephone cable come through the caisson wall. there are 2, 4cylinder continental deisel generators used for emergy power, 2 air compressors and 2 air flasks used for fog horns, heating plant, 6 fule tanks holding 6236 gallons of fule oil and 4 water tanks holding 4800 gallons of fresh water .

Above the maindeck there are three bedrooms and one lavatory. Outside there are eight rainroof used to collect rainwater, which are directly connected to the fresh water storage tanks. On top of the second deck is a 40 foot tower, approximately 15 feet in diameter which has a lattern room on top where the main light is located, the light is a forth order, 1000W, 190,000 candle power, with a 35 foot radio beacon antenna mounted on top the lattern room roof.



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CCGD1 NOTE 5720
19 JULY 1968

e. Chronological listing of previous CO'S/OinC'S as far back as records go. The first CO was LT. Olie P. Swenson. OinC'S since 1952. 1. Joseph, William E. BM1, 2. Wisuieusk, Alfred W. BM1, 3. Prouse, Lawerence G. BM1, 4. Hetherwood, Jack D. BM1, 5. Norman, Richard E. BM1, 6. Oliver, Robert E. BM1, 7. Glass, Ronald E. BM1AN

f. Interesting Matters. The huricane of September 1944 hit the beacon from the southeast around eight o'clock on September 14. Four hours later the wind changed to the southwest, and within half an hour the glass on the southwest side of the tower skilight gave way, allowing tons of water to pour into the light house. During the gale, the launch secured to the davits thirty feet above the high water mark was badly damaged by the force of the waves.

Ronald E. Glass

BM1AN RONALD E. GLASS
OFFICER in CHARGE

RMP