

UNITED STATES COAST GUARD

ADDRESS REPLY TO:
 COMMANDANT
 U.S. COAST GUARD
 HEADQUARTERS
 WASHINGTON 25, D.C.



ERS-2
 J15-2/3-2/0017
 29 MAY 1961

From: Commandant
 To: Commander, Seventeenth Coast Guard District (a)
 Subj: Temporary Radiobeacon for Port Clarence, Alaska

1. The requirement for a temporary Radiobeacon at Port Clarence, Alaska, has been established. This Radiobeacon will be used on an "on-request" basis during the construction phase of the aids to navigation station to be established at Port Clarence.

2. The installation shall be simple in nature and consist of the following equipment:

TB-142 Transmitter	1 each
KY-292/FEN Radiobeacon Coder	1 each
MR-209 Antenna Coupler	1 each

One each of the TB-142 and MR-209 equipments listed in ERS Ketchikan's Record of Uninstalled Electronic Equipment (CG-4889) of 12 January 1961 shall be used for this project. The KY-292 Coder has been air shipped to ERS Ketchikan marked for use at "Port Clarence".

3. The antenna for use at Port Clarence shall be temporary in nature using material available in the District.

4. The field strength shall be adjusted to meet the local requirements of ships and aircraft during the construction period. The Radiobeacon should be service and calibrated and flight checked to the satisfaction of the District.

5. The frequency of the Port Clarence Radiobeacon is 288 kc/s. The frequency is cleared for 100 watts mean antenna power, for use on request until 1 June 1962. The required transmitter crystals, cut for 288 kc/s, have been air shipped to ERS Ketchikan, marked for use at "Port Clarence."

6. The characteristic of the Port Clarence Radio is N (-). The KY-292 Coder utilizes adjustable segment cams; therefore cutting of cams will not be required.

B. KIRSTEN
 By direction

Encl: (1) Diagram, Temporary
 R/B Installation for
 Port Clarence,

UNITED STATES COAST GUARD

OFFICE OF THE
COMMANDANT
U.S. COAST GUARD
WASHINGTON, D.C.



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J15-2
Ser. No. 2780
3 October 1961

From: Commander, Seventeenth Coast Guard District
To: Commandant (O)

Subj: Port Clarence Radiobeacon; permanent establishment of

Ref: (a) COMDT (REE-2) ltr J15-2/3-2/CG17 dtd 29 May 1961

1. A temporary radiobeacon was established at Port Clarence, Alaska in accordance with reference (a). During the period it has been in operation it has proved to be an essential flight aid. Accordingly, authority is requested to make a permanent radiobeacon installation which will provide 50 microvolts per meter at 25 nautical miles.
2. Upon receipt of operational approval the necessary structuralts and electricalts will be prepared and submitted.
3. Request message authorization to enable early accomplishment.

One each of the TR-112 and TR-117 equipments listed in the Introduction's Report of Uninstalled Electrical Systems (US-204) of 18 January 1961 shall be used for this purpose. The TR-117 units have been all shipped to the station and are available for use at any time.

G. I. LYNCH
Acting

4. The antenna for use at Port Clarence shall be temporary in nature with complete details in the District.
5. The field strength shall be adjusted to meet the needs of requirements of ships and aircraft during the construction period. The radiobeacon should be available for calibration and flight checked to the satisfaction of the District.
6. The frequency of the Port Clarence Radiobeacon is 225 kc/s. The frequency is required for 300 watts max without power, for use on request until 1 June 1962. The required transmitter crystals, and the 100 watt, were last all shipped to the station, and are for use at Port Clarence.
7. The characteristics of the Port Clarence Radiobeacon is B (-). The US-204 Report contains a complete request form. Specialized printing of same will not be required.

B. KINSTER
B. Division

cc: (1) Major, Temporary
US Installation Co
Port Clarence.