

# UNITED STATES COAST GUARD RADIOBEACON SYSTEM GREAT LAKES

(INCLUDING CANADIAN RADIOBEACONS)

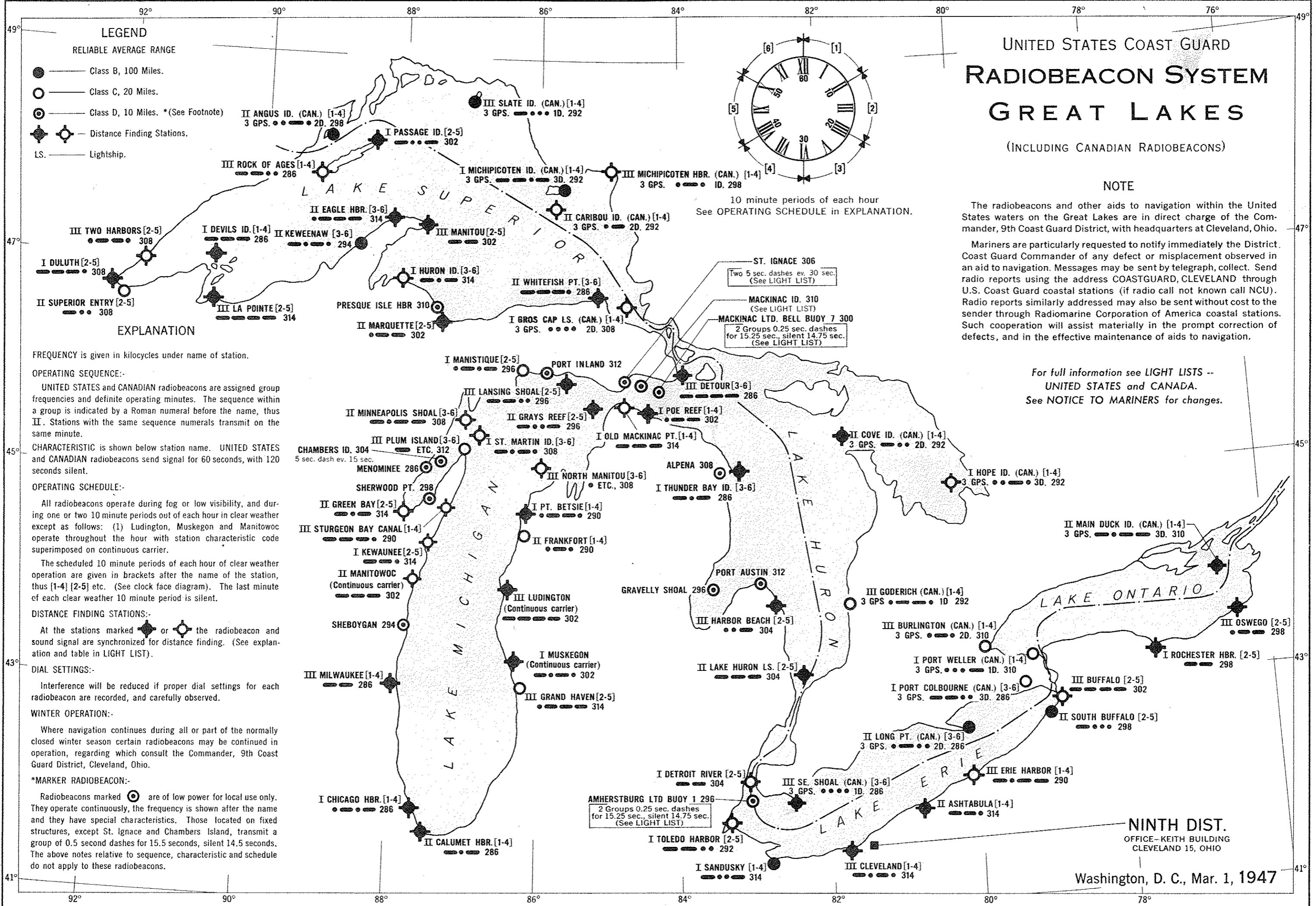
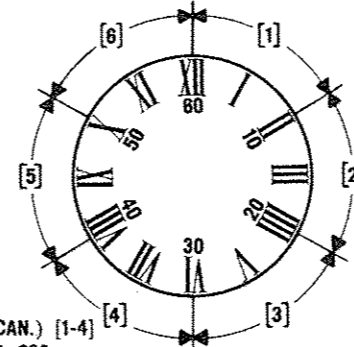
## NOTE

The radiobeacons and other aids to navigation within the United States waters on the Great Lakes are in direct charge of the Commander, 9th Coast Guard District, with headquarters at Cleveland, Ohio.

Mariners are particularly requested to notify immediately the District Coast Guard Commander of any defect or misplacement observed in an aid to navigation. Messages may be sent by telegraph, collect. Send radio reports using the address COASTGUARD, CLEVELAND through U.S. Coast Guard coastal stations (if radio call not known call NCU). Radio reports similarly addressed may also be sent without cost to the sender through Radiomarine Corporation of America coastal stations. Such cooperation will assist materially in the prompt correction of defects, and in the effective maintenance of aids to navigation.

For full information see LIGHT LISTS --  
UNITED STATES and CANADA.  
See NOTICE TO MARINERS for changes.

10 minute periods of each hour  
See OPERATING SCHEDULE in EXPLANATION.



**NINTH DIST.**  
OFFICE-KEITH BUILDING  
CLEVELAND 15, OHIO

Washington, D. C., Mar. 1, 1947

## LEGEND

- RELIABLE AVERAGE RANGE
- — Class B, 100 Miles.
  - — Class C, 20 Miles.
  - ⊙ — Class D, 10 Miles. \*(See Footnote)
  - ◆ — Distance Finding Stations.
  - LS. — Lightship.

## EXPLANATION

FREQUENCY is given in kilocycles under name of station.

### OPERATING SEQUENCE:-

UNITED STATES and CANADIAN radiobeacons are assigned group frequencies and definite operating minutes. The sequence within a group is indicated by a Roman numeral before the name, thus II. Stations with the same sequence numerals transmit on the same minute.

CHARACTERISTIC is shown below station name. UNITED STATES and CANADIAN radiobeacons send signal for 60 seconds, with 120 seconds silent.

### OPERATING SCHEDULE:-

All radiobeacons operate during fog or low visibility, and during one or two 10 minute periods out of each hour in clear weather except as follows: (1) Ludington, Muskegon and Manitowoc operate throughout the hour with station characteristic code superimposed on continuous carrier.

The scheduled 10 minute periods of each hour of clear weather operation are given in brackets after the name of the station, thus [1-4] [2-5] etc. (See clock face diagram). The last minute of each clear weather 10 minute period is silent.

### DISTANCE FINDING STATIONS:-

At the stations marked ◆ or ⊙ the radiobeacon and sound signal are synchronized for distance finding. (See explanation and table in LIGHT LIST).

### DIAL SETTINGS:-

Interference will be reduced if proper dial settings for each radiobeacon are recorded, and carefully observed.

### WINTER OPERATION:-

Where navigation continues during all or part of the normally closed winter season certain radiobeacons may be continued in operation, regarding which consult the Commander, 9th Coast Guard District, Cleveland, Ohio.

### \*MARKER RADIOBEACON:-

Radiobeacons marked ⊙ are of low power for local use only. They operate continuously, the frequency is shown after the name and they have special characteristics. Those located on fixed structures, except St. Ignace and Chambers Island, transmit a group of 0.5 second dashes for 15.5 seconds, silent 14.5 seconds. The above notes relative to sequence, characteristic and schedule do not apply to these radiobeacons.