DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
L. Q. Coblentz, Director

State: California

DESCRIPTIVE REPORT
Topographic Sheet No. "T-a"

LOCALITY
Eureka

Entrance to Humboldt Bay

1939

CHIEF OF PARTY
E. W. Eickelberg
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. "T-a"
REGISTER NO. T6814a

State. California
General locality. Eureka
Locality. Entrance To Humboldt Bay
Scale. 1:10,000 Date of survey. December, 1939
Vessel. GUIDE
Chief of Party. E. W. Eickelberg
Surveyed by. C. A. Schoene
Inked by. C. A. Schoene

Heights in feet above = = = = = = = = = = to ground to tops of trees
Contour, Approximate contour, Form line interval = = = = = = feet

Instructions dated. September 29, 1939
Remarks: 

S P O
DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET FIELD NO. "T-a"

DATE OF INSTRUCTIONS: September 29, 1939.

PROJECT: H.T. 238.

PURPOSE OF SURVEY: To locate signals for hydrographic work in
the vicinity and landmarks for charting
purposes.

LIMITS: This sheet covers the area in the vicinity of the en-
trance to Humboldt Bay from latitude 40 - 43 to lati-
tude 40 - 47.

GENERAL DESCRIPTION OF COAST: The land area covered by this
sheet is mostly bare sand beach
with a few trees and buildings on the north part of the sheet
in the vicinity of the U.S. Coast Guard Station. The beach is
very flat and it is difficult to pick up signals and landmarks
against the higher background to the east.

METHODS: Standard topographic methods of traverses, intersect-
ions and three-point fixes were used. A large per-
centage of the signals of the previous survey were found and
dressed. Signal MONJ was located by taping the distance from
triangulation station LOG (U.S.E.) and setting the signal on
range with stations LOG and MOUND.
The position of triangulation station "TALLEST MAST OF
WRECK - 1919" was checked by the intersection of three cuts
from triangulation stations or good planetable positions.
The stations on the north side of the entrance to
Humboldt Bay were located by the intersection of at least three
cuts from triangulation stations or good planetable positions.
The jetties on both sides of the entrance to Humboldt
Bay were rebuilt in the Spring and Summer of 1939 so the light
on the south jetty and the outer ends of both jetties were re-
located. There are no closed traverses on this sheet.

Respectfully submitted,

Charles A. Schoene,
Aid, C&G. Survey.

Approved and forwarded:

E.W. McKelberg,
Chief of Party, C&G.S.
Commanding Ship "GUIDE".

Inspected. No review necessary

McKelberg survey 4/10/41
MEMORANDUM
IMMEDIATE ATTENTION

SURVEY DESCRIPTIVE REPORT
DEPARTMENT

No. T 6814

received Mar. 28, 1941
registered Apr. 29, 1941
verified
reviewed
approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

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RETURN TO

♫ 82 T. B. Reed

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