

6814 a&b

U. S. COAST AND GEODETIC SURVEY
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Form 504
Ed. June, 1928
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
L. O. Colbert., Director

State: California

DESCRIPTIVE REPORT

Topographic } Sheet No. "T-a"
~~Hydrographic~~

LOCALITY

Eureka

Entrance to Humboldt Bay

1939

CHIEF OF PARTY

E. W. Eickelberg

U. S. GOVERNMENT PRINTING OFFICE: 1923

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Graphic Control

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

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:

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. *Chart Letter 162 (1941)*

LIMITS: This sheet covers the area in the vicinity of the entrance to Humboldt Bay from Latitude 40 - 43 to Latitude 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, intersections and three-point fixes were used. A large percentage of the signals of the previous survey were found and dressed. Signal MORT 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. Eickelberg
E.W. Eickelberg,
Chief of Party, C.& G.S.
Commanding Ship "GUIDE".

*Inspected. No review necessary
Hawley, Murray 4/16/41*

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTOGRAPH~~

~~No. T~~

No. T **T6814** a & b

Chart Control

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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82	T. B. Reed
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