DESCRIPTIVE REPORT

Topographic | Sheet No. T & U

State: California

Locality
Northern California Coast
Extending from the mouth of the
Eel River to Humbolt Bay Entrance

1937

Chief of Party
F. H. Hardy
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETSIC 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 & U T6616 Graphic Control
REGISTER NO. T6616 Graphic Control

State. California

General locality: Northern California Coast

Locality: Mouth of Eel River to Humbolt Bay Entrance

Scale: 1:10,000 Date of survey: August, 1937

Vessel: U. S. C & G S S Guide

Chief of party: F. H. Hardy

Surveyed by: L. W. Swanson & E. E. Stohsner

Inked by: E. E. Stohsner

Heights in feet above...to ground...to tops of trees

Contour, Approximate contour, Form line interval...feet

Instructions dated: May 2, 1935

Remarks: Surveyed for location of signals only
DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET FIELD LETTER "T"
Scale, 1:10,000.
Coast of California
U.S.C. & G.S.S. GUIDE
Project No. H.T. 206
1937.

INSTRUCTIONS: Director's instructions dated May 2, 1935.

PURPOSE AND GENERAL DESCRIPTION OF COAST: The purpose of this sur-
vey is the location of signals for inshore and offshore hydrography.
The shore line on this sheet consists of a straight sand beach.
Signals on the southern two-thirds of the sheet were built on a sand
spit several hundred meters wide rising to a height of about 10 to
20 feet above high water. On the extreme north end is TABLE BLUFF,
a narrow abrupt bluff rising to a height of 200 feet.

CONTROL: Control for this sheet is the 1928 scheme of second order
coastal triangulation plotted on the 1927 adjusted datum.

SURVEYING METHODS: The signals from triangulation station SALT RIVER
to the south end of the sheet were located by traverse. The traverse
was carried from triangulation station OCCIDENTAL on the adjacent
sheet "S", northward to Salt River. The traverse failed to check by
16 meters and was rerun. A blunder of 10 meters was picked up between
signals SNO and BHN. The remaining closure of 6 meters in distance
was then adjusted, 4 meters on this sheet between Salt River and the
last signal and the remaining 2 meters on adjoining sheet "S".

Signals between triangulation stations Salt River and Table
Bluff Radio Tower were located by cuts from these 2 stations and
checked by resection on a barn gable and tree snag. These two objects
were located by cuts from the two triangulation stations and were
situated about 1 1/2 miles inshore.

Respectfully submitted,

E. E. Stohsner
Aid,
Coast and Geodetic Survey.

Inspector: Review unnecessary.
J. A. McCormick
May 10, 1937.
DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET FIELD LETTER "U"

Scale, 1:10,000.

Coast of California
U.S.C. & G.S.S.GUIDE

Project No. H.T. 208

1937.

INSTRUCTIONS: Director's instructions dated May 2, 1935.

PURPOSE AND GENERAL DESCRIPTION OF COAST: The purpose of this survey is the location of signals for inshore and offshore hydrography. The shoreline on this sheet is a straight sand beach bordered by sand dunes about 15 to 20 feet high. East of the dunes is the Humboldt Bay, extending back about a mile. This forms the spit from Table Bluff, at the south end of the sheet, to Bureka Bay entrance at the north end of the sheet.

CONTROL: Control for this sheet is the 1919 and 1928 scheme of second order coastal triangulation plotted on the 1927 adjusted datum.

SURVEYING METHODS: The location of signals on this sheet was facilitated by a large number of control stations. In all, seven triangulation stations were recovered. All signals were located by cuts from these stations except three in the immediate vicinity of Table Bluff Radio Tower, and these were rodded in and checked.

SISSON WEST was the first triangulation occupied by plane table. Cuts were taken at this station to the various triangulation stations, checking the recovery of them. Setups were then made at the triangulation stations TABLE BLUFF WIRELESS TOWER, TABLE, HUB, MOUND and LOG, and cuts taken to signals. In addition, a plane table position was determined by a 3 point fix about 100 meters inshore from signal TOWER. From this position additional cuts were taken to adjacent signals, completing their location.

LANDMARKS FOR CHARTS: The white elevated tank is prominent from the seaward and has a background of trees.

The small radio tower is to the south of the highest tower and is approximately half as tall.

Respectfully submitted,

E. E. Stohsner,
Aid,
Coast & Geodetic Survey.

Forwarded, Approved.

F. H. Hardy,
Chief of Party, C.& G.S.,
Commanding Ship Guide.

Inspec'd. Review unnecessary.
J. A. Mc Corrick
May 10, 1937.
MEMORANDUM
IMMEDIATE ATTENTION

SURVEY DESCRIPTIVE REPORT
PHOTOGRAPH

No. T -6616 (Graphic Controls)

received Feb. 2, 1939
registered Feb. 17, 1939
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. Revi

[Signature]