6C16ab

Form 504
Rev. April 1935
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Topographic / ~~*Hydrographic*~~ } *Sheet No.* T & U

State California

LOCALITY

Northern California Coast

~~Extending from the mouth of the~~

Eel River to Humbolt Bay Entrance

193 7

CHIEF OF PARTY

F. H. Hardy

U. S. GOVERNMENT PRINTING OFFICE

Form 537a
Ed. Nov., 1929

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 & U (T) T6616 a Graphic Control

REGISTER NO. (L) T6616 b 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 survey 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.n A blunder of 10 meters was picked up between signals SMO and HEW. 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

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

Inspected. Review unnecessary.
J. A. McCormick
May 10, 1939.

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. 206
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 Eureka 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 triangulationsstations 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 planetable. 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 planetable 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
E. E. Stohsner,
Aid,
Coast & Gepdetic Survey.

Forwarded, approved.

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

Inspected. Review unnecessary.
J. A. Mc Commish
May 10, 1939.

FORM M-238

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

No. T -6616ab (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.

ROUTE		Initial	Attention called to
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RETURN TO

82	T. B. Reed