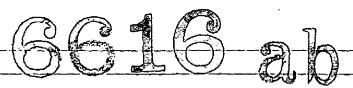
Graphic Control



B. 8, COAST & GEODETIC SURVE LIDRARY AND ARCHIVES

FEB. 2 1939

Act. Re.

Form 504
Rev. April 1935
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY **DESCRIPTIVE REPORT** Topographic } Sheet No. T& U Hydragmyskir. State California LOCALITY Northern California Coast Broading from the mouth of the Eel River to Humbolt Bay Entrance 193 7 CHIEF OF PARTY F. H. Hardy U. S. GOVERNMENT PRINTING OFFICE w)

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&U (1) T6616 a Graphic Control
REGISTER NO. (U. 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 USC&GSSGuide
Chief of party F. H. Hardy
Surveyed by L. W. Swanson & E. E. Stohener
Inked by E. E. Stohsner
Heights in feet aboveto ground to tops of trees
Contour, Approximate contour, Form line intervalfeet
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 triengulation 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 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. Stohener,

Aid,

Coast and Geodetic Survey.

Inspected. Review unnecessary. J.a. mc Cormick May 10, 1939. DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET FIELD HETTER "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 triangulations 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 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, Aid,

Coast & Gepdetic Survey.

F. H. Hardy,

Forwarded.

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

Inspected. Review unaccessary. J. a. me Cormick May 10, 1939.



MEMORANDUM IMMEDIATE ATTENTION

		received Feb. 2, 1939
SURVEY	x Nicco tel	registered Feb. 17, 1939
DESCRIPTIVE REPORT	>	≺ verified
PHOTOSTATE XOF	No. T -6616ab (Graphic	reviewed
	Controls	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

