DESCRIPTIVE REPORT

Topographic

Hydrographic

Register No. T-4950 (part)

MAR 27 1940

State California

LOCALITY

Northern California Coast from Point Arena—south to Saunders Reef.

to Point Arena

1939

CHIEF OF PARTY

I. E. Rittenburg

U.S. GOVERNMENT PRINTING OFFICE: 1936
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. G - 39

State California

General locality Northern California Coast

Locality Point Arena to Saunders Reef to Point Arena

Scale 1:10,000 Date of survey July 18th to 20th 1939

Vessel Pacific Coast Wire Drag Survey

Chief of party I. E. Rittenburg

Surveyed by 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 March 3, 1939

Remarks: Surveyed solely for the purpose to locate control signals.
Instructions: Dated March 3, 1939.

Purpose: The purpose of this survey was to furnish control signals for Wire Drag Surveys in the area.

Limits of Survey: This sheet extends from Point Arena, California, south to latitude 38° 52' along the coast.

Discussion of Methods and Closing Errors and Adjustments: The control for this survey consisted of triangulation executed in 1870, 1879, 1906, 1929, and 1930. Such positions of topographic stations as determined and tabulated by the 1929 survey, and that were recovered and useful for this survey, were plotted on the sheet. These locations were verified as for identification and location in the field by at least two cuts.

Signals on this sheet were located by a combination of some traverse and cuts from triangulation stations and strong plantable positions.

Starting at the northern end of the sheet, signals WIN to Gab inclusive were located by cuts from triangulation stations and strong plantable positions. Station LOOK, the Coast Guard Lookout Tower, was located by a cut from triangulation station SMITH 2 and a taped distance checked by a rodreading. The old position of station ROK was checked by 2 strong cuts. Signal TEN located by a short traverse carried from triangulation station HIGH BLUFF and checked by a cut from a strong plantable position. Traverse carried between triangulation stations MOAT and HIGH BLUFF, located the two signals DOG and OAT. It closed 4 meters short and adjustment for this small closure was made back through the traverse. Traverse was then carried south from triangulation station MOAT, locating signals SIG and BLAK. Transfer was made to sheet "P" and the traverse continued, checking in at triangulation station SAUNDERS HILL 2.

The error of closure was negligible.

Landmarks: The Coast Guard Lookout as shown on sheet T-4504, 1929, located about 0.8 miles northwest of the dock at Arena Cove, has been removed. Signal LOOK is the new Lookout Tower and is located on a high bluff about 0.1 mile south of the Arena Cove dock. The tower is a very prominent object from the seaward, it being 270 feet above the water and about 40 feet high itself.

Signal GAB is the gable of the Coast Guard boat house and inshore end of boat ways as shown on the 1929 topographic sheet. It is located just north of the Arena Cove dock.

Respectfully submitted,

Approved and forwarded:

I. E. Rittenburg,
Chief of Party, C. & G. S.
Pacific Coast Wire Drag Surveys

E. E. Stohsner,
Aid, C. & G. S.
DESCRIPTIVE REPORT

Topographic

Sheet No. H - 39

Register No. T-4950 (part)

U.S. COAST & GEODetic SURVEY

L. S. PAYTON, DIRECTOR

MAR 27 1939

State California

LOCALITY

Northern California Coast from Saunders Reef south to Bournes Landing to Saunders Reef

1939

CHIEF OF PARTY

I. E. Rittenburg
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. H-32

T4950
Graphic Control

REGISTER NO. T-4950 (pert)

State California

General locality Northern California Coast

Locality Saunders Reef to Bournes Landing to Saunders Reef

Scale 1:10,000 Date of survey July 24th to 26th, 1939

Vessel Pacific Coast Wire Drag Survey

Chief of party I. E. Rittenburg

Surveyed by 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 March 3, 1939

Remarks: Surveyed solely for the purpose to locate control signals.
Descriptive Report
to accompany
TOPOGRAPHIC SHEET FIELD LETTER H-39
Pacific Coast Wire Drag
Project HT-230
1939

Instructions: Dated March 3, 1939.

Limits of Survey: This sheet extends from Latitude 38° 52' south along the coast to Bournes Landing, California.

Purpose: The purpose of this survey was to locate control signals for Wire Drag surveys in the area.

Control: The control for this survey consisted of triangulation executed in 1876, 1877, 1929 and 1930. Such positions of topographic stations as determined and tabulated by the 1929 survey, and that were recovered and useful for this survey, were plotted on the sheet. These locations were verified as for identification and location in the field by at least two cuts.

Discussion of Methods: Signals on this sheet were located by the customary methods of a combination of short traverses and cuts from triangulation stations and strong planetable positions. Cuts were taken to each signal BAN and NER from two adjacent triangulation stations and each location checked by a resection to triangulation station SAIL ROCK. The old location of signal TOP, called High rock on the 1929 survey, checked well with 2 cuts from adjacent triangulation stations. Signals HI to BAS inclusive were located by taking necessary cuts in carrying traverse from triangulation station HAVENS NECK 2 and resecting on triangulation station FISH ROCK checking the traverse. Signals WET and TRU were located by a cut to each from triangulation station BOURNS LANDING and at least 2 other cuts to each from strong planetable positions.

Respectfully submitted,

E. E. Stohrner,
Aid, C. & G. S.

Approved and Forwarded:

I. E. Rittenburg,
Chief of Party, C. & G. S.
Pacific Coast Wire Drag Surveys.

Inspects: Review not necessary.

A. Me Cottrell
April 14, 1940
MEMORANDUM
IMMEDIATE ATTENTION

SURVEY DESCRIPTIVE REPORT PHOTOSTAT OF
No. T T4950 (G-H) Graphic Control

received March 27, 1940
registered April 2, 1940
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

\[Signature\]