

Graphic Control

4950

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Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic } Sheet No. G - 39
Hydrographic } Register No. T-4950 (part)

U. S. COAST & GEOD. SURVY

LIBRARY OF CONGRESS

MAR 27 1940

Acc. No.

State California

LOCALITY

Northern California Coast from

Point Arena south to Saunders Reef

to Point Arena

193 9

CHIEF OF PARTY

I. E. Rittenburg

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.

T4950

Graphic Control

Field No. G - 39

REGISTER NO. T-4950 (part)

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.

Descriptive Report
to accompany
TOPOGRAPHIC SHEET FIELD LETTER G-39
Pacific Coast Wire Drag
Project HT-230
1939

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 $38^{\circ} 52'$ 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 planetable
positions.

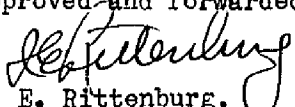
Starting at the northern end of the sheet, signals WIN to
Gab inclusive were located by cuts from triangulation stations and
strong planetable positions. Station LOOK, the Coast Guard Lookout
Tower, was located by a cut from triangulation station SMITH 2 and
a taped distance checked by a rodreading. 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 planetable 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 "H" 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 0.6 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.

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DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic Sheet No. H - 39
~~*Hydrographic*~~ Register No. T-4950 (part)

U. S. COAST & GEOD. SURV.

LIBRARY AND ARCHIVES

MAR 27 1940

~~U. S. COAST & GEOD. SURV.~~

State California

LOCALITY

Northern California Coast from

Saunders Reef south to Bournes

Landing to Saunders Reef

1939

CHIEF OF PARTY

I. E. Rittenburg

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

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Field No. H-39

REGISTER NO. T-4950 (part)

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 $38^{\circ} 52'$ 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, 1878, 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 trian-
gulation 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. Stohsner
E. E. Stohsner,
Aid, C. & G. S.

Approved and Forwarded:

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

Inspector. Review not necessary.
J. M. Cornick
April 16, 1940

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

~~xxNo. Hxx~~

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.

ROUTE		Initial	Attention called to
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RETURN TO

82	T. B. Reed
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✓ JBR