

4511

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: California

DESCRIPTIVE REPORT

Topographic

~~Hydrographic~~

Sheet No. H

4511

LOCALITY

Northern California

~~False Cape to Cape Mendocino~~

Steamboat Rock to False Cape

1929

CHIEF OF PARTY

A. P. Ratti, H. & G. Engr.

GOVERNMENT PRINTING OFFICE

4511

DESCRIPTIVE REPORT  
TO  
ACCOMPANY TOPOGRAPHIC SHEET H FALSE CAPE TO CAPE MENDOCINO  
A. P. Ratti, Chief of Party Project No. 34

INSTRUCTIONS:

This survey was accomplished under the Director's Instructions dated April 27, 1929

EXTENT:

This sheet comprises a revision survey of the shore line and off lying rocks from False Cape to Cape Mendocino. This sheet joins on the North with topographic sheet G.

SURVEY METHODS:

The shore line and off lying rocks were located by the usual plane table survey methods. No trouble was experienced in keeping within the limits of error for traverse closures and the adjustment was made in the field in accordance with the instructions contained in the Topographic Manual.

DESCRIPTION:

The shore line is quite bold. Bluffs about sixty feet high extend almost the entire length of the sheet. The mouth of Bear River is closed by a sand bar and is only opened during the rainy season. The slopes are steep and covered with grass. The tops of the hills are covered with grass and the streams are lined with trees and under brush as shown by the original survey.

COMPARISON WITH ORIGINAL SURVEY:

The rocks shown off False Cape and Cape Mendocino are in error by varying amounts. Several rocks were located that were not shown in the original survey. The position of False Cape Rock and the two other rocks near by were fairly accurate but the size and height were in error. The size and height of Cape Rock were in error. The triangulation position of Outer Twin Rock is in error. The true position is 90 m. N. E. true. The contours and elevations are quite accurate. The height and shape of Steamboat Rock is in error.

See T-6614a  
(1936-38) for  
revision of  
survey of  
this area.  
J.A.M.  
5/11/39.

STATISTICS:

Statute miles of shore line-----	9.4
" " " CreekS -----	2.0
" " " highway -----	2.0
Area in sq. stat. mi. -----	15.9

Respectfully submitted,

*George R. Shelton*  
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Jr. H. & G. Engr.

Approved.

*Augustus P. Ratti*  
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Chief of Party.

\* Note: All details on previous surveys shown on sheet reg. no. 1134 were transferred to this topographic sheet and are shown in pencil. These were all investigated and the true positions were inked in. The details left in pencil show the comparison between the old and new survey and should not be shown on the new issue of sheet. *Augustus P. Ratti*

Note to Reviewer:

The topographic location  
of Carter from Reak, 1869 on  
this sheet is confirmed by its  
topographic location on T. 1134 (1869).

The Dm station is a no check  
location. It is undoubtedly erroneous  
and should be deleted from the  
sheet.

An inspection of all topog.  
sheets in this vicinity indicates  
that this note on Carter location  
was not used on any topog. survey.

Dec 16, 1937

EJQ

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO.

4511

## 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 Letter HREGISTER NO. **4511**State CaliforniaGeneral locality Northern California Cape MendocinoLocality Steamboat Rock to False Cape  
~~False Cape to Cape Mendocino~~Scale 1:10,000 Date of survey Sept. and October, 1929Vessel Party of A. P. Ratti, Project No. 34Chief of Party A. P. Ratti, H. & G. Engr.Surveyed by George R. SheltonInked by George R. SheltonHeights in feet above H. W. to ground ~~to tops of trees~~Contour Approximate contour Form line interval        feetInstructions dated April 27, 1929Remarks: