Form 304
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. E. Patton, Director

State: California

DESCRIPTIVE REPORT
Topographic
Sheet No. H 4511

LOCALITY
Northern California
Point Cape to Cape Mendocino
Steamboat Rock to False Cape

CHIEF OF PARTY
DESCRIPTIVE REPORT
TO
ACCOMPANY TOPOGRAPHIC SHEET NO. 12 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 ah 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 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.

STATISTICS:

<table>
<thead>
<tr>
<th>Statute miles of shore line</th>
<th>9.4</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot; &quot; streams</td>
<td>2.0</td>
</tr>
<tr>
<td>&quot; &quot; highway</td>
<td>2.0</td>
</tr>
<tr>
<td>Area in sq. stat. mi.</td>
<td>15.9</td>
</tr>
</tbody>
</table>

Respectfully submitted,

Lawrence Steller

Approved,

Augustus P. Ratti
Chief of Party.

*Note: All details on previous surveys shown on sheet reg. no. 134 were transferred to this topographic sheet and are shown in pencil. These were able investigated and the true locations were indicated 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 Foremen:

The topographic location of Ocean Front Rock, 1869 on this chart is confirmed by the topographic location on T.113468.

The demotion is a no chart location. It is undoubtedly erroneous and should be deleted from the chart.

An inspection of all hyd. scale in this county indicates that this rock in either location was not used on any hyd. survey.

Dec 16, 1837

Y & E
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 H

REGISTER NO. 4511

State California

General Locality Northern California Cape Mendocino

Locality Steamboat Rock to False Cape

Scale 1:20,000 Date of survey Sept. and October, 1929

Vessel Party of A. P. Ratti, Project No. 34


Surveyed by George R. Shelton

Inked by George R. Shelton

Heights in feet above M. W. to ground 30 ft.

Contour Approximate contour Form line interval 30 feet

Instructions dated April 27, 1929

Remarks: 

U. S. Coast and Geodetic Survey