Form 504
Ed. June, 1938
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, Director

State: California

DESCRIPTIVE REPORT
Topographic Sheet No. 4489

LOCALITY
Northern California
Klamath River to Mussel Point

19.29

CHIEF OF PARTY
A. P. Hatti, H. E. Eucr.
DESRIPTIVE REPORT
TO
ACCOMPANY TOPOGRAPHIC SHEET B KLAMATH RIVER TO MUSSEL POINT
A. P. RATTI, CHIEF OF PARTY
PROJECT NO. 34

INSTRUCTIONS:
This survey was made under instructions dated April 27, 1929.

EXTENT:
This sheet comprises a survey of the shore line and other topographic features from Klamath River to Mussel Point. It is joined on the North by sheet A and on the South by sheet C.

METHODS OF SURVEY:
The shore line and other features were located by the usual plane table survey methods. No trouble was experienced in keeping within the allowable error of closure of traverses. All traverses were adjusted according to the instructions contained in the Topographic Manual.

DESCRIPTION:
The slopes are quite steep from Flint Rock to Johnson Creek, ending in low bluffs or slide at the high water line. The slopes are covered with grass and are used for cattle ranges. East of the highway the hills are cut over and are sparsely covered with second growth timber.

A sand beach extends from Johnson Creek to Mussel Point. Beginning at a point just South of Osagen Creek and extending to a point one mile South of triangulation station Gold is what is known as Gold Bluffs. The bluffs are of varying heights, composed of river washed gravel and sand, and are of a yellowish appearance.

COMPARISON WITH RECONNAISSANCE SURVEY:
1. The shore line is out by amounts varying from a few meters to 450 meters. A creek is shown at long. 124-04 lat. 41-29 that does not exist.
2. The bluff line is not the high water line as shown along Gold Bluffs but a sand beach of varying width extends along the bluffs.

STATISTICS:

| Statute miles of shore line | 16.6 |
| " " | highway | 8.6 |
| " " | creeks | 2.0 |
| " " | river | 3.5 |

Area in sq. stat. mi. | 12.2
Respectfully submitted,

[Signature]

Approved.

[Signature]
Chief of Party.
## PLANE TABLE POSITIONS

### Recoverable Objects

<table>
<thead>
<tr>
<th>Object and Description</th>
<th>Lat.</th>
<th>D. M.</th>
<th>Long.</th>
<th>D. P.</th>
<th>Height in Feet</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dip, small l.w. rock</td>
<td>40</td>
<td>31</td>
<td>1800</td>
<td>124 05</td>
<td>775</td>
<td>2</td>
</tr>
<tr>
<td>High h.w. rk.</td>
<td>40</td>
<td>30</td>
<td>1777</td>
<td>124 05</td>
<td>114</td>
<td>107</td>
</tr>
<tr>
<td>Cap, lone rk. on sand beach</td>
<td>40</td>
<td>28</td>
<td>325</td>
<td>124 03</td>
<td>1372</td>
<td>50</td>
</tr>
<tr>
<td>Fig, pointed rk.</td>
<td>40</td>
<td>27</td>
<td>1044</td>
<td>124 04</td>
<td>90</td>
<td>52</td>
</tr>
<tr>
<td>Mil, lone rk. at h.w.</td>
<td>40</td>
<td>27</td>
<td>281</td>
<td>124 03</td>
<td>1292</td>
<td>40</td>
</tr>
<tr>
<td>Coo, rk. on beach</td>
<td>40</td>
<td>26</td>
<td>1240</td>
<td>124 03</td>
<td>1137</td>
<td>53</td>
</tr>
<tr>
<td>Ham, rk. on beach</td>
<td>40</td>
<td>26</td>
<td>1020</td>
<td>124 03</td>
<td>1073</td>
<td>25</td>
</tr>
</tbody>
</table>
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 Letter ... B ...........

REGISTER NO. 4489

State. California .................................................................

General locality... Northern California ........................................

Locality. Klamath River to Mussel Point to Klamath River ...........

Scale 1:20,000 .... Date of survey. June ........................., 1929

Vessel. Party... of A. P. Batti .... Project No. 34 ...........

Chief of Party. A. P. Batti ................................................

Surveyed by ........ George R. Shelton ...............................

Inked by .......... George R. Shelton ...................................

Heights in feet above. H. W. ...... to ground Y准备好...

Form line interval. 100 ...... feet ........................................

Instructions dated. April 27 ..........................................., 1929

Remarks: .............................................................................