DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: Oregon

LOCALITY
Mouth of Columbia River
Clatsop Spit

1905

CHIEF OF PARTY
T. H. Maher
U. S. COAST AND GEODETIC SURVEY
E. Lester Jones, Director

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET 73  4250

CLATSOP POINT, OREGON
U.S.S. GUIDE
Season 1926
Thos. J. Maher, Chief of Party
DESCRIPTIVE REPORT

To Accompany

TOPOGRAPHIC SHEET

No. 3

Scale 1:10,000

U. S. S. GUIDE, 1926,

Thos. J. Laher, H & G E, Commanding.
DESCRIPTIVE REPORT

Topographic Sheet #3

U.S.S. GUIDE, Season 1926

Scale 1:10,000. Limits: Lat. 46°09' - 46°14'
Long. 123°54' - 124°05'
(Project at an angle of 110° with long edge of sheet)

This sheet had to be made because a test sheet of K & E #32 paper was used for Topographic Sheet #2. This test sheet was one mile short, on 1:10,000 scale, of the standard size of Coast Survey Sheets. That topography covered by Sheets 2 and 3 was all that remained of the seasons work when this test sheet was received, and I was instructed to use it. A standard sheet had already been laid out to include all this work, and due to the mile shortage in the K & E paper, this standard sheet had to be converted and used to catch the tip of Clatsop Spit.

This sheet was completed while finishing Sheet #2. It includes only that portion of Clatsop Spit lying between the entrance range lights and the south breakwater.

CONTROL. The control for this survey was the same triangulation stations as were used on Sheet #2.

TOPOGRAPHY. The section shown on this sheet consists of low lying sand dunes on the ocean side, shading to sparse grass and brush on the river side, and ending in the extensive grass and mud flats of the jetty lagoon. (Shown on Sheet #2).

BARRIERS. The trellis leading over this spit up to the south breakwater is covered by the drifting sand. Two distinct small sections of this breakwater are standing offshore, and are used as signals "Fat" and "Tin". It was impossible to secure good cuts to determine the limits of this breakwater while doing the topography, and we were unable to secure blue prints of late information on this from the U.S. Engineers.
SHORE LINE. The high water line is shifting with the prevailing winds and currents. The low water line was observed as nearly as possible, but is not definite.

William T. Combs,
K & G Engineer.
U. S. COAST & GEODETIC SURVEY

E. Lester Jones, Director

LIST OF PLANE TABLE POSITIONS
To Accompany

TOPOGRAPHIC SHEET #3.

Siletz Point Oregon

U. S. S. GUIDE
1926

Thos. J. Maher, H & G E
Chief of Party
List of plane table positions to accompany Sheet #3.

<table>
<thead>
<tr>
<th>Object or Station</th>
<th>Latitude (Meters)</th>
<th>B.H. Meters</th>
<th>Longitude Meters</th>
<th>D.P. Meters</th>
<th>Height</th>
<th>Remarks and Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Out</td>
<td>45-14</td>
<td>62.0</td>
<td>124-02</td>
<td>1237.1</td>
<td></td>
<td>Center of outer group of standing piles, S.Jetty.</td>
</tr>
<tr>
<td>Tin</td>
<td>&quot; &quot;</td>
<td>1810.6</td>
<td>&quot; &quot;</td>
<td>682.3</td>
<td></td>
<td>Inner end of second group of standing piles S Jetty</td>
</tr>
<tr>
<td>Pile</td>
<td>46-13</td>
<td>1392.4</td>
<td>124-01</td>
<td>365.5</td>
<td></td>
<td>Single pile just off group at break in trestle near beach.</td>
</tr>
</tbody>
</table>

*These objects recommended to be used as landmarks.*
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 No. 3

REGISTER NO. 4250

State: OREGON

General locality: PACIFIC COAST Mouth of Columbia River

Locality: CLATSOP SPIT, SOUTH SHORE OF COLUMBIA RIVER

Scale: 1:10,000 Date of survey: November, 1924

Vessel: U.S.S. GUIDE

Chief of Party: Thos. J. Maher

Surveyed by: Wm. T. Combs

Inked by: __________________________

Heights in feet above A.W. to ground to tops of trees

Contour, Approximate contour, Form line interval: __________ feet

Instructions dated: April 17, 1924

Remarks: Complete Detailed Shoreline Survey

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