<table>
<thead>
<tr>
<th>LOCALITY</th>
<th>Chief of Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td></td>
</tr>
</tbody>
</table>
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U.S. Coast and Geodetic Survey.
Register No. 3644

State . . . . . California
General locality . . San Diego Bay
Locality . . . . . San Diego Bay, Northern Part
Chief of party . . E. H. Latham
Surveyed by . . E. H. Latham and A. L. Shalowitz
Date of survey . . October and November, 1916 With corrections to Feb 1, 1917
Scale . . . . 1 to 60,000
Heights in feet above mean high water level
Contour interval . . . . feet
Inked by . . . . Lettered by

Records accompanying sheet (check those forwarded): Photographs, Descriptive report, Horizontal angle books, Field computations, Data from other sources affecting sheet Local maps, and data from US Engineers office of District.

Remarks: Resurvey, shore line and objects adjacent to shore line, Additional triangulation to Feb 3rd 1917
Descriptive Report
Topographic Sheet San Diego Bay California South Part
Scale 1 : 10,000

This sheet is the result of the revision survey directed by instructions, dated August 22nd 1816.

This sheet, with the sheet of San Diego Bay northern part and changes indicated on a copy of chart 5108, covers the vicinity of San Diego as will be of use for the proposed new chart of San Diego Bay.

The shore line was run with the plane table, except for a portion of the submerged marshes. The streets and roads near the shore were determined with the plane table, back from the shore they are compiled from city town and county maps and plans of real estate companies and the compiled map of San Diego Harbor, compiled by the Engineer Corps United States Army.

For objects determined with the plane table see lists submitted end the results of the triangulation San Diego Bay 1816 and 1817.

No unusual features or conditions pertain.

For general statement for the whole of San Diego Bay, see descriptive report of hydrographic sheet Northern part of San Diego Bay USN 1817.

San Diego Cal., Feb. 15th 1817

Chief of Party C & G Survey
### Plane Table Positions
San Diego Bay California Southern Part
Surveyed October and November 1818
E ubicخم Chief of Party

<table>
<thead>
<tr>
<th>Object</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Elev.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fir Marked Station Note 1</td>
<td>32 40</td>
<td>1433 M</td>
<td>117 07</td>
<td>407 M Feet 1/2 mile S, ip meters from bluff of S.D. Brewery</td>
</tr>
<tr>
<td>Woa, F Pole on green house of S.F. R.R. wharf</td>
<td>32 39</td>
<td>1668</td>
<td>117 07</td>
<td>172</td>
</tr>
<tr>
<td>Lo, marked sta Note 1</td>
<td>32 39</td>
<td>525</td>
<td>117 06</td>
<td>934</td>
</tr>
<tr>
<td>&amp; Pole on elevator of Hercules Pow. Co</td>
<td>32 38</td>
<td>551</td>
<td>117 06</td>
<td>1204 98 PP, on highest Blg of Hercules Powder Cos. Potash Plant. At foot of street Chulavista F St</td>
</tr>
<tr>
<td>Cub Marked Sta. Note 1</td>
<td>32 38</td>
<td>72</td>
<td>117 06</td>
<td>532</td>
</tr>
<tr>
<td>West Gable White hose, No Marked Sta Note 1</td>
<td>32 37</td>
<td>1420</td>
<td>117 05</td>
<td>1290</td>
</tr>
<tr>
<td>IN marked Sta /Note 1</td>
<td>32 35</td>
<td>1815</td>
<td>117 05</td>
<td>1255</td>
</tr>
<tr>
<td>Out, Marked Sta Note 1</td>
<td>32 36</td>
<td>1136</td>
<td>117 05</td>
<td>1145</td>
</tr>
<tr>
<td>Gable White Ho. North Gab. Top marked Sta Note 1</td>
<td>32 35</td>
<td>446</td>
<td>117 06</td>
<td>547</td>
</tr>
<tr>
<td>Small green Ho. Sun</td>
<td>32 35</td>
<td>730</td>
<td>117 06</td>
<td>1210</td>
</tr>
<tr>
<td>Nkd Sta. Note 1</td>
<td>32 35</td>
<td>1672</td>
<td>117 07</td>
<td>538</td>
</tr>
<tr>
<td>Nort Gable old Bot ling Works (Triang)</td>
<td>32 36</td>
<td>629</td>
<td>117 07</td>
<td>1140 80 Prominent lone Bld.</td>
</tr>
<tr>
<td>Mid, Nkd Sta. Note 1</td>
<td>32 33</td>
<td>241</td>
<td>117 07</td>
<td>1104 3 On point of Marsh.</td>
</tr>
<tr>
<td>Shanty, on Pt of Marsh (NE corner)</td>
<td>32 37</td>
<td>1509</td>
<td>117 07</td>
<td>1304 14 On pt of Marsh</td>
</tr>
<tr>
<td>Las Nkd Sta Note 1</td>
<td>32 37</td>
<td>1438</td>
<td>117 08</td>
<td>123</td>
</tr>
<tr>
<td>NE Cor Valve box of water Pipe line</td>
<td>32 38</td>
<td>69</td>
<td>117 08</td>
<td>663</td>
</tr>
<tr>
<td>Gal Nkd Sta Note 1</td>
<td>32 39</td>
<td>746</td>
<td>117 09</td>
<td>159</td>
</tr>
<tr>
<td>Meridian Mark (Triang, Station pier)</td>
<td>32 39</td>
<td>1847</td>
<td>117 09</td>
<td>766</td>
</tr>
<tr>
<td>Fin Nkd Sta. Note 1</td>
<td>32 40</td>
<td>282</td>
<td>117 09</td>
<td>1132</td>
</tr>
</tbody>
</table>

Concretel valve box near RR Rectangular Approx 4 8 6 feet

In sand mound 20 meters from Bay shore.

Imperfectly recovered Triang Sta of 1871

On Bay shore. 1 mile south of Coronado.
Plane table positions San Diego Bay Southern Part Sheet 2

Fin, marked Sta
Note 1 32 40 278 117 09 1136M On strand near Bay shore

Round brick stack
Cal China Clay Prod. 32 40 494 117 06 1135 65 Approx. Largest of round brick stacks; Plant in National City between 11 & 12 Streets

Square tower
Orchilla Dye Wks 32 40 1410 117 07 60 65 Approx. East of Santa Fe RR between 1 & 2 streets extended

In Marked Station
Note 1 32 36 1815 117 05 1255 On bay shore, 90 H south of 3rd St extended in Chula Vista

Incinerator Triangulation Station Elevation 32 feet
Galvanized Iron stack Triangulation Sta Ele 92 feet
Tower San Diego Brewing Co, Triangulation Sta. Eleva 104 feet

Note 1 Irregular concrete pier, 3 feet in ground, with bottle at bottom and an hydrographic station disk mark in top, with the name and year of establishment stamped in it. In the cement the name date and EBL are scratch with a nail.

Chief of Party O & G Survey
Descriptive Report
Topographic Sheet San Diego Bay Californian Southern Part
Scale 1 10 000

This sheet is the result of the revision survey directed by instructions dated August 22nd 1816.

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No unusual features or conditions pertain.

For general statement for the whole of San Diego Bay, see descriptive report of hydrographic sheet Northern part of San Diego Bay NBL 1817

San Diego Cal., Feb. 15th 1817

Chief of Party C & G Survey