Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Chester Jones
Superintendent.

State: Nash.

DESCRIPTIVE REPORT.
Job Sheet No. 3528

LOCALITY:

1915

CHIEF OF PARTY:
DEPARTMENT OF COMMERCE
U.S. Coast & Geodetic Survey
E. Lester Jones, Superintendent

DESCRIPTIVE REPORT
of
TOPOGRAPHIC SHEET
of
SOUTHERN PART OF PORT TOWNSEND BAY,
WASHINGTON.
Surveyed during May and June, 1915.
Scale 1/10000
By party of U.S.S. PATTERSON,

H.C. Denson, Asst.,
Commanding.

H.O. Nelson, Aid,
Topographer.

* * * * * *
The revision of shoreline and addition of improvements commences at Chimi-kim Creek, Lat. 48 degrees 03', one-half mile North of Irondale and extends South to Oak Bay, Lat. 48 degrees 01 1/2'. The most Easterly point included lies in Oak Bay and is of longitude 122 degrees 43 1/2', and the Westerly limit is the Chimi-kim Creek wooden truss bridge, longitude 122 degrees 46 1/2'. Only the Western shore of Port Townsend Bay was revised as no improvements have occurred on eastern shore.

SURVEY METHODS
The regular type of Coast and Geodetic Survey plane table equipment was used. Most of the buildings and all of the roads were run in from traverses commencing at A signals, and tied in by three-point positions or A stations or landmarks already located. The center line and out of the Canal running North from Oak Bay into Port Townsend Bay is shown. The shoreline from the North end of the canal running West is practically unchanged, with the addition of a long dock at the Chemical Works lying South of the small island just S.E. of Port Hadlock - and noting that the docks at Port Hadlock except as shown are ruins. Considerable change is to be seen in the Irondale Wharf. The Steel plant buildings at Irondale are repairable but quickly approaching the state of ruins. The shoreline from Irondale Wharf North to Chimikim Creek is changed by the construction of a piled and planked sea wall. An outer row of piles with normal braces reinforces the inner wall. The space between the old bluff and the sea wall is filled in with sea-sand. Elevation same as Dock, viz. about 5 feet above H.H.W.

Merely the character of the H.W. beach is indicated. The shoreline be-
Sheet No. 2.
No. of sheets is

**DESCRIPTIVE REPORT * TOPOGRAPHY * SOUTHERN PART PORT TOWNESEND BAY, WASHINGTON**

tween signal Haddock and signal Point is practically the same as on old chart and was not re-run.
The contours on old sheet appeared correct at the present time, hence were not re-run.
The cutting of the canal between Oak and Port Townsend Bays has not been completed. The progress of the canal is shown on the topographic map.

Respectfully submitted,

M.C. Nelson
Aid, Coast & Geodetic Survey,

Topographer.

Party of U.S.S. PATTERSON.

H.C. Denson, Ass’t.

Commanding.

approved

H.C. Denson
Ass’t C.O.S.

Canal completed and in operation.

See transmitting letter on file in library.

and Ref. 15465.
### Geographic Positions of Landmarks

(Scaled to nearest meter)

<table>
<thead>
<tr>
<th>Description</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center line Red Elevator Tower Old Irondale Steel Plant 251 meters S.W.</td>
<td>48 02 1100</td>
<td>122 46 54</td>
</tr>
<tr>
<td>of Irondale Dock Beacon</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Windmill in Fort Hadlock on top of bluff</td>
<td>02 50</td>
<td>45 425</td>
</tr>
<tr>
<td>Center line Red Water Tower below bluff near beach</td>
<td>02 87</td>
<td>45 164</td>
</tr>
<tr>
<td>Gilded ball flag-pole on red conical-roofed 1 story octagonal building on top of bluff</td>
<td>02 17</td>
<td>45 293</td>
</tr>
<tr>
<td>Beacon or Light Post end Chemical Works Dock</td>
<td>02 98</td>
<td>45 477</td>
</tr>
<tr>
<td>Hut 250 meters S.W. of signal Point</td>
<td>02 183</td>
<td>44 286</td>
</tr>
<tr>
<td>Pile about 180 meters N.E. of signal Point</td>
<td>02 187</td>
<td>44 90</td>
</tr>
<tr>
<td>Pile about 215 meters E. of signal Point</td>
<td>02 57</td>
<td>44 05</td>
</tr>
<tr>
<td>&quot; 265 &quot; S.E. &quot; &quot; &quot;</td>
<td>02 16</td>
<td>44 40</td>
</tr>
<tr>
<td>&quot; 535 &quot; S.E. &quot; &quot; &quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(tide staff nailed)</td>
<td>02 266</td>
<td>44 205</td>
</tr>
<tr>
<td>Hydrographic Signal flag</td>
<td>02 761</td>
<td>43 212</td>
</tr>
<tr>
<td>&quot; (Center line Dolphin and pin - S. end Oak Bay Canal)</td>
<td>01 840</td>
<td>43 417</td>
</tr>
<tr>
<td>Hydrographic Signal (Signal shaped white U.S.A.E. signal)</td>
<td>01 971</td>
<td>43 556</td>
</tr>
<tr>
<td>Center line U.S.A.E. black shed S. end Oak Bay Canal Beach</td>
<td>01 927</td>
<td>43 612</td>
</tr>
<tr>
<td>Hydrographic Signal Fence Post end fence 445</td>
<td>01 750</td>
<td>44 445</td>
</tr>
<tr>
<td>&quot; &quot; N. Gable red barn</td>
<td>01 76</td>
<td>44 333</td>
</tr>
<tr>
<td>&quot; &quot; Derrick</td>
<td>01 368</td>
<td>44 226</td>
</tr>
<tr>
<td>&quot; &quot; Sawmill</td>
<td>01 350</td>
<td>44 211</td>
</tr>
</tbody>
</table>
** STATISTICS **

covering

TOPOGRAPHY

in

FORT TOWNSEND BAY, WASHINGTON.

Statute miles roads                     3.3
" " shoreline                            4.6
" " creek                                0.3
Square statute miles of area             2.0