DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

State: SOUTHWEST ALASKA

DESCRIPTIVE REPORT.

Topo Sheet No. F 4085

LOCALITY:
ALASKA PEN.
Pavlov Bay —
Black Pt. to North Shore

1934

CHIEF OF PARTY:
R.R. Lukens
DESCRIPTIVE REPORT

TOPOGRAPHIC SHEET "F" WEST SIDE PAULOF BAY.


This sheet includes the topography of Paulof Bay from 
A Pav where it joins with sheet G to A Dig where it joins with sheet 
G also Ivan Island, the adjacent smaller islands.

GENERAL DESCRIPTION OF SHORE: At the south end of the sheet black 
sand and ashes with occasional grass patches extend back to the moun-
tains. In the vicinity of A Lagoon there is a group of lagoons and 
from A Lagoon north is rolling grass country. At the north end of the 
sheet are three prominent rocky headlands about a mile apart, separated 
by bays with a lagoon leading from each bay. Ivan Island with steep 
rocky cliffs on all sides stands out boldly and there are two other 
similar but much smaller islands.

INSHORE DANGERS: These can be better covered on the Hydrographic sheet. 
On the topographic sheet are located a rocky reef barred at half tide 
between Ivan Id. and the main shore and two rocky islets in the vicinity 
of Round Id.

LANDMARKS: Of a number of excellent landmarks on this sheet the best 
are the islands.

Ivan Id with high, steep, rocky cliffs on all sides, and two 
prominent headlands at the N and SE ends, is very prominent in clear 
weather from any point in the bay.

Round Island, 2 miles NE true from Ivan Id, also has steep 
rocky bluffs and is a very prominent landmark. Gull Id is not so high 
or rocky as Round Id but is quite prominent.

The three headlands at A Sam, A Dig and midway between are 
easily recognised and are good landmarks for the northern end of the bay.

The large bute is very prominent.

SURVEY METHODS: The control is from Triangulation of this year by the 
Str. Pioneer. All shore line is by plane table traverse and all runs 
checked within allowable error.

The two headlands at A Sam and A Dig could not be easily 
rounded so for a short distance at each the traverse was run at the top 
of the bluff. Distances were estimated for points on the shoreline and 
checked by tangents.

The larger part of the shoreline of Ivan Id. was, of 
necessity, run from the top of the bluff. From O Trip to O Hill(contre 
clawwise) was run on a narrow beach; there are no beaches whatever on 
most of the rest of the outer shore. The signals on the NW side of the 
island from O Van to O Trip were located by cuts, on the traverse from 
A Lagoon to A Sam.

Round Island and the two small islets are located by 
tangents taken from the main shore on the traverse between A Lagoon 
and A Dig. Gull Island is shown as taken from the Hydrographic Launch 
sheet.
NEW NAMES: Round Island and Gall Island are new names. Ivan Island is locally known as John's Island. There are no new names for the lagoons.

Respectfully submitted,
Donald W. Taylor
Donald W. Taylor

W. Shore Pavlof Bay
Approx. Lat. 55° 28' 7'
Looking Toward Ivan.

South Shore Ivan.
Taken near @Race
# U.S.C.&G.S.S. PIONEER

R. R. LUKEES
Chief of Party

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**PAVLOF BAY**

List of Distances on Meridians and Distances on Parallels.

<table>
<thead>
<tr>
<th>NO.</th>
<th>NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>NOTES</th>
</tr>
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<tr>
<td>1</td>
<td>Abe</td>
<td>55 24 1724 132</td>
<td>161 41 409 647</td>
<td>Signal</td>
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<tr>
<td>2</td>
<td>Bol</td>
<td>55 25 30 1826</td>
<td>161 41 430 625</td>
<td>Boulder</td>
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<td>3</td>
<td>Cat</td>
<td>55 25 400 1456</td>
<td>161 41 645 410</td>
<td>Signal</td>
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<td>4</td>
<td>Dog</td>
<td>55 25 1070 736</td>
<td>161 41 965 92</td>
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<td>5</td>
<td>Ez</td>
<td>55 25 1260 696</td>
<td>161 41 1007 48</td>
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<td>6</td>
<td>Fox</td>
<td>55 25 1761 95</td>
<td>161 41 1002 53</td>
<td>&quot;</td>
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<td>7</td>
<td>Go</td>
<td>55 25 222 1633</td>
<td>161 41 1031 24</td>
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<tr>
<td>8</td>
<td>Pile</td>
<td>55 25 847 1008</td>
<td>161 41 1000 55</td>
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<tr>
<td>9</td>
<td>Dune</td>
<td>55 25 1473 352</td>
<td>161 41 860 195</td>
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<td>10</td>
<td>Lava</td>
<td>55 27 100 1756</td>
<td>161 41 902 152</td>
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<tr>
<td>11</td>
<td>Mel</td>
<td>55 27 1198 358</td>
<td>161 41 758 296</td>
<td>Signal D.W.</td>
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<tr>
<td>12</td>
<td>Tri</td>
<td>55 27 1768 88</td>
<td>161 41 846 208</td>
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<tr>
<td>13</td>
<td>Mar</td>
<td>55 28 399 1457</td>
<td>161 41 721 333</td>
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<tr>
<td>14</td>
<td>Bank</td>
<td>55 28 604 1052</td>
<td>161 41 584 470</td>
<td>W.W. on E. way up blue</td>
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<tr>
<td>15</td>
<td>Ex</td>
<td>55 28 1180 676</td>
<td>161 41 540 514</td>
<td>Signal D.W.</td>
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<tr>
<td>16</td>
<td>Pont</td>
<td>55 28 1587 269</td>
<td>161 41 508 546</td>
<td>W.W. on Rocky Point</td>
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<tr>
<td>17</td>
<td>Cad</td>
<td>55 29 133 1723</td>
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<td>55 29 1153 703</td>
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<td>20</td>
<td>Cur</td>
<td>55 29 1703 153</td>
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<td>21</td>
<td>Ext</td>
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<td>161 42 247 806</td>
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<td>22</td>
<td>Nor</td>
<td>55 31 1069 787</td>
<td>161 39 614 439</td>
<td>W.W. on Rock</td>
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<td>23</td>
<td>Rover</td>
<td>55 31 1116 740</td>
<td>161 39 458 595</td>
<td>&quot;</td>
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<td>24</td>
<td>Race</td>
<td>55 31 1110 746</td>
<td>161 39 212 841</td>
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<tr>
<td>25</td>
<td>Hill</td>
<td>55 31 1226 650</td>
<td>161 39 889 164</td>
<td>&quot;</td>
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</tbody>
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**WEST SIDE PAVLOF BAY.**
North from Pav.

- **Square**: 55 31 1521 535, 161 38 745 308, W.W. on CIff
- **Nits**: 55 31 1432 424, 161 39 613 240, Knoll
- **Pek**: 55 32 417 1439, 161 38 981 112, W.W. rock
- **Ven**: 55 32 966 686, 161 39 341 312, "W.W. on CIff"
- **Over**: 55 32 311 1545, 161 39 505 444, Small W.W. on CIff
- **Trip**: 55 31 1637 219, 161 39 957 96, W.W. rock
- **Hat**: 55 31 1296 561, 161 39 882 171, ""
- **Bill**: 55 33 1558 996, 161 39 223 829, W.W. on offlying rock

\( \checkmark \)
<table>
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<tr>
<td>39</td>
<td>Bo</td>
<td>55 34 610</td>
<td>1246</td>
<td>161 38 462 589</td>
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<td>40</td>
<td>Bat</td>
<td>55 34 1301</td>
<td>555</td>
<td>161 36 207 844</td>
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<td>41</td>
<td>Shine</td>
<td>55 34 1679</td>
<td>177</td>
<td>161 37 845 206</td>
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<td>42</td>
<td>Sam</td>
<td>55 35 681</td>
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Abbreviations used:

D.W.  Driftwood
S.C.  Signal Cloth
Sig.  Signal
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
WASHINGTON
March 25, 1925.

SECTION OF FIELD RECORDS
Report on Topographic Sheet No. 4085
Pavlof Bay, Alaska Peninsula
Surveyed in 1924

Instructions dated February 27, 1923 and February 8, 1924.

Chief of Party, R. R. Lukens.

Surveyed and inked by D. W. Taylor.

✓ 1. The records conform to the requirements of the General Instructions.

✓ 2. The plan and character of the survey conform to the requirements of the General Instructions, except that elevations should have been based on m.s.l., instead of h.w. (see paragraph 154 of General Instructions), and the magnetic meridian is not shown.

✓ 3. The plan and extent of the survey conform to the requirements of the specific instructions except that form lines were not shown, although they were specially called for.

✓ 4. The junctions with the adjacent surveys are satisfactory.

5. The character and scope of the surveying are excellent, except for the omissions noted.

6. Reviewed by E. P. Ellis, March, 1925.

Approved

[Signature]

[Date]
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. (F) 4085.

State: SOUTHWEST, Alaska

General locality: Pavlof Bay, Alaska Peninsula


Chief of party: R. R. Lukens

Surveyed by: D. W. Taylor

Date of survey: August 1924

Scale: 1 : 20,000

Heights in feet above High Water

Contour interval: ______ feet

Inked by: D. W. T.

Lettered by: D. W. T.

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet

Remarks:

\(2\) small