# Descriptive Report

**Type of Survey**: Topographic

**Field No.**: PA-E-47  
**Office No.**: T-7046

## Locality

- **State**: Southeastern Alaska
- **General Locality**: Sitka Sound
- **Locality**: Pavorotni Point to Cape Burunof

**Year**: 1947

**Chief of Party**: Glendon E. Boothe

**Date**: Apr 3, 1948

---

*Note: The text appears to be a form from the U.S. Coast and Geodetic Survey.*
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. PA-E-17

REGISTER NO. T-7046

State ________________________ Southeastern Alaska

General Locality ________________________ Sitka Sound

Locality ________________________ Povorotni Point to Cape Burnof

Scale 1:10,000 Date of survey May & June, 1947

Vessel ________________________ PATTON

Chief of party ________________________ Glendon E. Booth

Surveyed by ________________________ Arthur L. Wardwell

Inked by ________________________ Arthur L. Wardwell

Heights in feet above M.N. to ground to tops of trees

Contour, Approximate contour, Form line interval ______ feet

Instructions dated _______________ 11 April, 1947

Remarks: ________________________ Project CS-247
DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET T-70h6 (PA-E-47)
SITKA SOUND, ALASKA
SCALE 1:10,000
U. S. C. & G. S. S. PATTON
GLENDON E. BOOTHE, CHIEF OF PARTY

AUTHORITY

The survey was made in accordance with Revised Instructions of 14 April 1947, Project CS-247.

PURPOSE

The purpose of the survey is to provide control for hydrography in the area, to delineate such features as are not clear on the air photographs, and to investigate discrepancies between the 1942 planetable sheet (T-6888) and the advance compilation of the photogrammetric surveys, as noted in Paragraph 15 of the Revised Instructions.

CONTROL

Existing triangulation stations were used for control of this survey.

SURVEY METHODS

Standard graphic control methods were used in locating the signals and features. No traverses were run.

SHORELINE

Where practicable, a short section of shoreline was rodded in at each set-up. In the areas at the tip of Povorotni Point and the reefs which lie about 0.5 mile south southeast of it, the shoreline and extremities of the reefs were rodded in; in order that the discrepancies mentioned in Paragraph 15 of the Revised Instructions can be eliminated. It will be noted that not all the rocks and reefs shown on T-6888 and T-6889a are shown on this sheet. Spending the time necessary to locate
all such features was not considered worthwhile, in view of the
fact that this area has good coverage by air photographs. A
comparison with T-6888 shows a close agreement with such features
as were located.

COMPARISON WITH PREVIOUS SURVEYS

The area covered by this sheet was included on
plane table sheets T-6886 and T-6889a, the latter completed in
1941 and the former only partly completed in 1942. Also, the
area is included on photogrammetric sheet T-8482 an advance com-
piation of which was made prior to field inspection. It will
be noted that the land area extending northward from signal LEG
(Lat. 56° 56.25' Long. 135° 21.16') is shown as being much more
broken on T-7046 than on T-8482. The HNL there is hard to de-
fine, even by close inspection on the spot, but it is believed
that T-7046 gives a true representation of it. The "U" shaped
hight about 200 meters north of signal LEG was sketched in wrong
on T-6886. Thus it appears that the discrepancies are due main-
ly to lack of field inspection of photographs and partly to in-
adequate plan-table sketching.

Recoverable topographic stations ANN and MAY
were found, but as geographic positions could not be obtained,
they were located as new stations. The new position checks sat-
isfactorily with those on the photostatic copy of T-6886. This
photostat is on a scale of approximately 1:11,000, which makes
direct comparison difficult.

Station ADAM (marked by a length of pipe) was
found and located. Like the two stations mentioned above, no
geographic position was available, but the new location checks
with that on the photostatic copy of T-6889a.

The station mark at IRE could not be found,
but a new mark was set at what was thought to be the original
spot.

Traces of old signals were found in some
places, and in a few cases new signals on those spots were
given the same names as on the previous plane-table sheet.
However, the positions on Sheet T-7046 should be used in all
cases.

GEOGRAPHIC NAMES

The only new geographic name is Three Entrance
Bay, which is a well-established local name.

Submitted by

Approved and Forwarded:

Glendon E. Bauche
Lt. Comdr., USCG
Cmdg, USCGS PATTON

Arthur L. Warner
Lt., USCG

This G.C. survey has been compared with H-7191(32)
No further review is necessary. This survey has been
superseded by T-8483(1943) within the common area.
7 Oct. 1954

7 Oct. 1954
<table>
<thead>
<tr>
<th>Name on Survey</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>13</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>18</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>19</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>21</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>22</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>23</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>24</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>26</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>27</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DATE</td>
<td>CHART</td>
<td>CARTOGRAPHER</td>
<td>REMARKS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>-------</td>
<td>--------------</td>
<td>---------</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5/14/48</td>
<td>8255</td>
<td>J. E. McCann</td>
<td>Before After Verification and Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Examined Not applied at this time.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Before After Verification and Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Before After Verification and Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Before After Verification and Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Before After Verification and Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Before After Verification and Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Before After Verification and Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Before After Verification and Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Before After Verification and Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.