<table>
<thead>
<tr>
<th>Localities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baranof Island - W. Coast</td>
</tr>
<tr>
<td>W. Crawfish Inlet to Sitka</td>
</tr>
<tr>
<td>Sound and Necker Is.</td>
</tr>
</tbody>
</table>

**Chief of Party:**

A.M. Sobieralski
DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET NO. 4179

**********

Necker Islands,

Baranof Island — S. E. Alaska.

June - August, 1925.

Scale 1:20,000

Instructions dated Feb. 4, 1925.

A. M. Schieralski — Chief of Party.
DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET NO. 4179

*******

Necker Islands,
Baranof Island — S. E. Alasks.
June - August, 1925.

Scale 1:20000

Instructions dated Feb. 4, 1925.

A. M. Sobiersalski Chief of Party.
DESCRIPTIVE REPORT
to accompany

TOPOGRAPHIC SHEET NO._

**********

* Extent: This sheet embraces the group of islands known as the Necker Islands, from the northwest side of the entrance to West Crawfish Inlet to and including Biorke Island. Crawfish Island and rocks in the vicinity are shown on Sheet No. Included also are Windy Passage and its bays, Hot Springs Bay and the eastern shore of Sitka Sound to a point opposite Visokoi Rock. Hot Springs Bay is shown as an insert on scale of 1:10000.

Land Formation: The islands in this group consist of low rounded hills, heavily wooded. The most conspicuous is the hill on which is Hump. On the mainland east of Windy Passage and Hot Springs Bay the land is generally low and rolling for a distance of one to two miles, beyond which it rises to three groups of peaks over two thousand feet in elevation. This low land is sparsely timbered in many places, is composed of bogs and tundra, and contains numerous lakes, no attempt being made to detail their characteristics. The rock, where visible on shorelines, cliffs, and bare rocks, is almost uniformly light-grey. The rock is composed principally of lava flow, and the mountains are ancient and badly eroded volcanoes.

Landmarks: North Rock, which always shows, as a dark block, though awash in a heavy sea, is prominent. Rogers Island is a high island, with a wooded summit. The Beehive is an outstanding hill at the south end of Golf Island. It is the most prominent landmark in this region. Golovini Island, is a prominent double island, the eastern part being wooded, and the outer half, of equal size, a light grey, dome-shaped rock, with a perpendicular south face. Camel Mountain is an outstanding mountain with two peaks close together at the summit. When seen from the west this mountain has a remarkably true cone-shaped outline.

Control: Triangulation was extended to all parts of the area covered by this sheet. A large amount of the topography was performed by graphical triangulation, with, also, some traversing between the islands. This work checked, in general, with good accuracy, some slight discrepancies being adjusted in the field. A traverse line from Wrangell Islands around the north side of Biorke Island to Loft had a closing error slightly in excess of the normal a amount, which was disturbed uniformity. It is felt that no great confidence should be placed in the form lines or elevations indicating the group of peaks lying east of Mt. Klinchef, of which Nikon is one. Practically all of the rocks and breakers are located by intersection sights, some few by sextant cuts or fixes. All features shown on previous surveys were examined and represented are in their true condition. This involves the deletion of a number of rocks previously shown incorrectly.
The following names are taken from the chart: (see sheet)

- Biorka Island
- Kaluchali Rock
- Impassable Island
- Point Woodhouse
- Vasilief Rock
- Wrangel Island
- Hamus Islet
- Entrance Islet
- Symonds Bay
- Viescovoi Rock

The following names are in general use locally: (see sheet)

- Calligan Island
- Big Bay
- North Rock
- Gulf Island
- Jacknife Islands
- Harring Bay

The following names were assigned by the topographers: (see sheet)

- Woodhouse Island
- Gunboat Rock
- Bervices Channel
- John Rock
- Jacob Rock
- Rogers Island
- Beehive Hill
- President Bay
- Gornoi I.
- Dushistoi I.
- Camel Mountain

RECOVERABLE HYDROGRAPHIC SIGNALS:

<table>
<thead>
<tr>
<th>Name</th>
<th>Lat.</th>
<th>Long</th>
<th>DF</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mar</td>
<td>47</td>
<td>196</td>
<td>155 16</td>
<td>897 East point of islet.</td>
</tr>
<tr>
<td>Um</td>
<td>47</td>
<td>397</td>
<td>155 16</td>
<td>335 Point of mainland.</td>
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<td>Plug</td>
<td>48</td>
<td>127</td>
<td>155 20</td>
<td>786 Peak of rock</td>
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<tr>
<td>Pin</td>
<td>49</td>
<td>980</td>
<td>155 19</td>
<td>382 Peak of rock</td>
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<td>No name</td>
<td>48</td>
<td>1496</td>
<td>155 19</td>
<td>812 Fishing Limit sign.</td>
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<td>Scott</td>
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<td>1222</td>
<td>155 22</td>
<td>925 Peak of rock</td>
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<tr>
<td>Bar</td>
<td>46</td>
<td>1220</td>
<td>155 22</td>
<td>542 Peak of rock swash.</td>
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<tr>
<td>Dunn</td>
<td>47</td>
<td>596</td>
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<td>Sea</td>
<td>47</td>
<td>1410</td>
<td>155 23</td>
<td>540 Peak of rock</td>
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<tr>
<td>Ice</td>
<td>48</td>
<td>123</td>
<td>155 23</td>
<td>666 Peak of rock swash.</td>
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<tr>
<td>Fix</td>
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<td>1682</td>
<td>155 26</td>
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<td>Chas</td>
<td>47</td>
<td>1800</td>
<td>155 25</td>
<td>968 Peak of Rock</td>
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<tr>
<td>Lost</td>
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<td>Zim</td>
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<td>Ler</td>
<td>46</td>
<td>782</td>
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<td>Ser</td>
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<td>Isl</td>
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<td>477</td>
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<td>837 Peak of rock</td>
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<td>Pit</td>
<td>50</td>
<td>515</td>
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<td>Mas</td>
<td>50</td>
<td>1828</td>
<td>155 33</td>
<td>992 Peak of rock</td>
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</tbody>
</table>

Respectfully Submitted

sgd E.B. Roberts
Jr. H.& G. Engineer.
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. 4179

REGISTER NO.

State... S.E. Alaska
General locality. Baranof 1-W. Coast
Locality. W. Crawfish Inlet to Sitka Sound and Necker Is.

Scale 1-20,000 Date of survey Apr. - Aug., 1925

Vessel... SURVEYOR

Chief of Party... A.M. Sobieralski, Ht. G. Engr.
Surveyed by... E.B. Roberts, Jr. Ht. G. Engr.

Inked by... E.B. Roberts

Heights in feet above M. H. W. to ground to tops of trees

Contour, Approximate contour. Form line interval 100 feet

Instructions dated... Feb. 4, 1925

Remarks: Sub Plan of Hot Springs Bay,

Scale 1-10,000