

4179

Form 504

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: SE Alaska

11-5613

DESCRIPTIVE REPORT.

Topographic Sheet No. 4179

LOCALITY:

Baranof Island - W. Coast

W. Crawfish Inlet to Sitka

Sound and Necker Is.

1926

CHIEF OF PARTY:

A.M. Sobieralski

67
DESCRIPTIVE REPORT.

to accompany

TOPOGRAPHIC SHEET NO. 4179

Necker Islands.

Baranof Island - S. E. Alaska.

June - August, 1925.

Scale-1:20000

Instructions dated Feb. 4, 1925.

A. M. Sobieralski - - Chief of Party.

DESCRIPTIVE REPORT.

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Necker Islands,

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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 Biorka 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-gray. 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. Golovni Island, is a prominent double island, the eastern part being wooded, and the outer half, of equal size, a light gray, 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 Biorka Island to \triangle Loft had a closing error slightly in excess of the normal amount, which was disturbed uniformly. 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 \triangle Nof is one. Practically all of the rocks and breakers were located by intersection sights, some few by sextant cuts or fixes. All features shown on previous surveys were examined and represented here 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 | ✓ Torsan Island |
| ✓ Kaiuchali Rock | ✓ Legma Island |
| ✓ Impassable Island | ✓ Maid Island |
| ✓ Point Woodhouse | ✓ Tava Island |
| ✓ Vasilief Rock | ✓ Ataku Island |
| ✓ Wrangell Island | ✓ Golovni Island |
| ✓ Hanus Islet | ✓ Elovoi Island |
| ✓ Entrance Islet | ✓ Hot Springs Bay |
| ✓ Symonds Bay | ✓ Mt. Klinchef |
| ✓ Visokoi Rock <i>Visokoi, Alaska Dist.</i> | ✓ Hot Springs |

*✓ = in the chart
Comp. in the chart*

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

- | | |
|--------------------------------|--|
| ✓ Calligan Island = Isthmus I. | ✓ Windy Passage |
| ✓ Big Bay | ✓ Dorothy Narrows |
| ✓ North Rock | Seven Fathom Anchorage; Sevenfathom Bay. <i>U.S.N.</i> |
| ✓ Golf Island | ✓ [Doctor Island] Kolosh I. in Baker's Al. Dist. |
| ✓ Jackknife Islands | ✓ Goddard (P.O.) |
| ✓ Herring Bay | |

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

- | | |
|--|---|
| ✓ [Woodhouse Island] Terbilon I. | The Beehive Hill <i>do as not to conflict with The Beehive (Chiswell Is)</i> |
| ✓ Gunboat Rock <i>Approved by H.B.</i> | ✓ [Eleanor Island] <i>Reject</i> |
| ✓ Biorka Channel <i>Approved by H.B.</i> | President Bay <i>Reject</i> |
| John Rock <i>Explicitly, - E. of peak of the</i> | [Goddard Island] Dushistoi I. <i>- Sanichoj</i> |
| Jacob Rock <i>Direct S. of E. of summit</i> | Camel Mountain <i>Approved by H.B.</i> |
| Rogers Island <i>No duplication</i> | Mt. Sharp. <i>Not available because of duplication</i> |
- Gornoi I. (already named) SWM
Fragrant I. (also in)*

RECOVERABLE HYDROGRAPHIC SIGNALS:

(Name)	(Lat.)	(DM)	(Long)	(DP)	(Description)
Mar	56 47	198	135 16	897	East point of islet.
Un	56 47	397	135 16	335	Point of mainland.
Plug	56 48	137	135 20	786	Peak of rock.
Pin	56 49	980	135 19	382	Peak of rock.
No name	56 48	1496	135 19	812	Fishing Limit sign.
Soot	56 45	1722	135 22	925	Peak of rock.
Bar	56 46	1820	135 22	542	Peak of rock swash.
Dunn	56 47	598	135 22	511	Peak of rock.
Sea	56 47	1410	135 23	540	Peak of rock.
Ice	56 48	123	135 23	668	Peak of rock swash.
Fix	56 46	1682	135 26	650	Peak of rock.
Chas	56 47	1800	135 25	968	Peak of Rock.
Lost	56 49	1620	135 24	40	Peak of rock.
Zim	56 50	192	135 23	203	Peak of rock.
Ler	56 48	782	135 28	300	Peak of rock.
Ser	56 48	702	135 27	463	Peak of rock.
Isl	56 51	477	135 29	857	Peak of rock.
Pit	56 50	515	135 30	590	Peak of rock.
Mas	56 50	1838	135 33	992	Peak of rock.

Respectfully Submitted

sgt. E. B. Roberts.
Jr. H. & G. Engineer.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4179

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 I.-W. Coast
 Locality Necker Islands
W. Crawfish Inlet to Sitka Sound and Necker Is.
~~Baranof Island~~

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

Vessel SURVEYOR

Chief of Party A. M. Sobieralski, H. & G. Engr

Surveyed by E. B. Roberts, Jr. H. & 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