3860

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State S. E. Alaska

11—5613

DESCRIPTIVE REPORT.

Topo Sheet No. 3860

LOCALITY:

Baker Island

West Coast of

Baker and Cone

Islands

1921

CHIEF OF PARTY:

T. J. Maher

3860

DEPARTMENT OF COMMERCE

U. S. Coast and Geodetic Survey

Col. E. Lester Jones, Director

U.S.S. SURVEYOR

Descriptive Report

To Accompany Topographic Sheet of West Coast of

BAKER AND CONE ISLANDS

S. E. ALASKA

June 15th to July 31, 1921

Surveyed by I. M. Dailey, D. O

T. J. Maher
Chief of Party.

DESCRIPTIVE REPORT

Topography of

WEST COAST OF BAKER ISLAND

This sheet includes the north coast of Cone Island and the west coast of Baker Island from △ Wait to Cape Bartolome.

Nearly all this shore line is almost impossible to traverse on foot. The sea breaks on ragged ledges whose deep clefts extend far back into the trees. Most of these ledges drop steeply into deep water with no loose rock near water line.

From △ Smith eastward the north shore of Cone Island is not so rugged as the western part of Island. Fishermen sometimes anchor where anchorage is shown on chart, but most of them go to Kelly's Cove (not on this sheet).

Between outer point and Cone Island is a large foul area with many rocks and much kelp. The sunken rock marked P.D. is plotted from one cut and vertical from △ Outer. It was not quite breaking at time, saw it breaking once when on the way to shelter.

The rock at Outer is flinty from the little rises wind made ridges radiate. These ridges are only a fraction of an inch high and a few inches long but sharp enough to cut hands and clothes. Just south of Outer Point is an island 130 feet high with a cleft clean through it from the water up to 100 feet. ⊙Arch is the highest part of this island. From ⊙ Ven to ⊙ Flat the rocks are veined and show evidence of much disturbance. From ⊙ Flat to Cape Bartolome most of the rock looks like granite, is light colored above surf line and breaks into great rectangular blocks. Along this part of Coast are many little capes showing bare light colored rock up to 50 or 75 feet. Outer Pt. also has light colored cliffs showing out to sea.

There no harbors on the Coast shown. The long bay where an anchorage is shown has good bottom outside a very gradual sand beach, but a S.W. swell heaps up mightily. There are small tide rips off Outer Cape and more or less along the whole shore south of Granite Point.

All the tide rocks shown south of △ Granite are small except the one near ⊙ Pin which is about 30 M in diameter.

All the country shown except otherwise is thickly wooded with big spruce trees and some tamarack and cedar on the lower slopes, and by thick but smaller trees near the summits. Moss, windfalls and underbrush make the woods hard traveling.

Contours. Like all sketched contours especially in wooded countries the contours are to be taken as indicating the appear-

ance of the slopes rather than actual levels. Was able to loin up most of contours from sheet of east coast of Island, but think the shown elevations of saddale behind beach, south of Mat is nearerrcorrect than on old sheet. (See cut from Bond in horizontal angle book.) Also found a mountain out, in the 5518-133-38 square and changed the elevation of a summit near 55-17 and 133-39.

Errors. The traverse between ▲ Outer and Granite closed very well though a cut from near Wes did not check on △ Dailey. The sheet was long from North to South but about correct from East to West. Between △ Granite and ▲ Point traverse was out thirty meters of which 10 M was found in next to last reading and rest distributed.

Names. Have called the points on which ▲ Outer and Granite are located for the stations but so far as I can find there are no names for either the points or the bays on this coast.

Respectfully Submitted

(Signed) I.M.Dailey

BAKER ISLAND PLANE - TABLE POSITIONS.

Name	Lat.,	D. M.,	Long.,	D. P.,	Descriptions and remarks.
		785		23	
Nag	55 - 26	1071	133-37	1032	Dead snag on prominent rock.
		516		418	
[illegible]	55 - 26	1340	133-38	637	Whitewash on rock.
		1225		31	
Big	55 - 25	631	133-39	1024	Largest tree on point.
		325		922	
Lin	55 - 25	1531	133-39	138	Whitewash on rock.
		1136		512	
Wat	55 - 23	720	133-38	644	Whitewash on rock.
		992		1010	
Gul	55 - 23	868	133-39	46	Signal.
		1206		936	
Con	55 - 22	650	133-39	121	Whitewash on rock.
		557		592	
Tuft	55 - 22	1299	133-40	465	Tuft of grass top of rock 100ft High
		256		390	
Arch	55 - 22	1600	133-40	667	Tuft of grass top of arch rock
		103		941	elev 130 ft.
Ven	55 - 22	1853	133-38	116	Signal on detached ledge.
		1576		385	
Mat	55 - 21	280	133-37	672	Whitewash on rock.
		1022		867	
Curl	55 - 21	834	133-37	190	Whitewash on rock.
		1328		643	
Old	55 - 20	528	133-38	415	Whitewash on rock.
		658		990	
Flat	55 - 20	1198	133-38	68	Whitewash on rock.
		1385		749	
Sun	55 - 19	471	133-38	309	Whitewash on rock.
		668		494	
Li	55 - 19	1088	133-38	564	Whitewash on rock.
		776		708	
Is	55 - 19	1080	133-38	350	Whitewash on rock.
		947		1052	
Ro	55 - 19	909	133-38	06	Whitewash on rock.
		1330		361	
Wes	55 - 19	526	133-39	697	Whitewash on rock.
		1064		99	
Scam	55 - 19	792	133-40	959	Whitewash on rock.
		1806		345	
Nub	55 - 18	50	133-41	713	Prominant nub near △ Granite.
		1613		358	
[illegible]	55 - 18	243	133-41	700	Whitewash on rock.
		639		442	
[illegible]	55 - 18	1217	133-41	617	Whitewash on rock.
		111		207	
Nest	55 - 18	1745	133-41	852	Bushy dead tree on Island.
		1638		683	
Mos	55 - 17	218	133-40	376	Highest point of rock Island.

Name	Lat.,	D. M.	Long.,	D. P.	Descriptions and remarks.
		614		24	
Up	55 - 18	1242	133 - 40	1034	Whitewash on rock.
		1339		223	
Wolf	55 - 18	517	133 - 39	835	Tripod Signal.
		777		480	
Ank	55 - 18	1079	133 - 39	578	Whitewash on rock.
		1844		769	
Do	55 - 17	12	133 - 39	290	Whitewash on rock.
		947		224	
Tog	55 - 17	909	133 - 40	835	Whitewash on rock.
		1657		20	
Rek	55 - 16	199	133 - 40	1039	Whitewash on rock.
		1034		24	
To	55 - 16	822	133 - 40	1035	Highest point Pinnacle rock.
		1033		121	
Pin	55 - 16	823	133 - 40	938	Highest point of Pinnacle rock.
		210		570	
Not	55 - 16	1646	133 - 39	489	Highest point of rock Island.
		154		657	
In	55 - 16	1702	133 - 38	402	Whitewash on rock.
		1017		653	
Hi	55 - 15	839	133 - 38	407	Whitewash on rock.
		492		37	
No	55 - 15	1364	133 - 38	1023	Whitewash on rock.
		52		03	
Hop	55 - 15	1804	133 - 38	1057	Whitewash on rock.
		1063		940	
Pol	55 - 14	792	133 - 37	120	Center of flat topped rockey Island.
		577		954	
End	55 - 14	1278	133 - 36	106	Whitewash on rock.

ADDRESS THE DIRECTOR
U. S. COAST AND GEODETIC SURVEY

AND REFER TO No. 4-DRM

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

WASHINGTON

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 3860

Surveyed in 1921.

Instructions dated Feb. 12, 1921.

Chief of Party, T. J. Maher.

Surveyed by I. M. Dailey.

Inked by I. M. Dailey.

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

2. The plan and character of the survey fulfill the requirements of the General Instructions except that the treatment of ledges and the several classes of rocks is confusing. It is not possible for the cartographer to distinguish in all cases whether certain features are islets, ledges or rocks awash.

3. The plan and extent of the survey satisfy the specific instructions.

4. The field drafting was completed to the extent prescribed in the General Instructions.

5. No further surveying is required within the limits of the sheet.

6. The character and scope of the surveying and field drafting are good, with the exception of the shore details noted in paragraph 2.

7. Reviewed by E. P. Ellis, December, 1922.

Form 537a
11-5813

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. 3860

State S. E. Alaska

General locality ~~S. E. Alaska~~ Baker Island

Locality West Coasts of Baker and Cone Islands

Chief of party T. J. Maher

Surveyed by I. M. Dailey

Date of survey June 15th to July 31st, 1921

Scale 1:20,000

Heights in feet above Mean Sea Level

Contour interval 100 feet.

Inked by I.M.Dailey. Lettered by I.M.Dailey.

Records accompanying sheet (check those forwarded): Photographs, Descriptive report, Horizontal angle books, Field computations, Data from other sources affecting sheet

Remarks: