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Also see Topographic Des. Report 2746a

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U. S. COAST AND GEODETIC SURVEY
State: <i>Alaska</i>
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DESCRIPTIVE REPORT.
<i>Trp.</i> Sheet No. <i>3640</i>
LOCALITY:
<i>Prince of Wales Id.</i>
<i>NE Coast.</i>
<i>Shrubby Id to Thorne Id</i>
191 <i>6</i>
CHIEF OF PARTY:
<i>C G Doolan</i>

3640

DESCRIPTIVE REPORT
OF
TOPOGRAPHIC SHEET KASHEVAROF
PASSAGE.

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Descriptive Report of Topographic Sheet of Kashevarof Passage.

This sheet embraces the north end of Whale Passage, Kashevarof Passage, Exchange Cove and the Middle and Blashke Islands.

General Description.

The whole eastern half of the sheet is composed of a large number of small islands. It is much more broken up than shown on the original chart, noticeably so on Blashke Island, which is in reality composed of a number of smaller islands closely grouped together. The western shore of Kashevarof Passage, composed of Thorne Island and Prince of Wales Island is very irregular with many small bays. The whole country is thickly wooded, largely of evergreens, but interspersed with deciduous trees. The majority of the Middle islands are flat, but Prince of Wales Island is covered with high hills, and mountains.

Detailed Description.

Exchange Cove, at the northwest corner of the sheet is nearly three miles in depth in a general north and south direction, with an average width of five to six hundred meters. The banks are of gravel and mud and small boulders, with mud further out.

There is a small entrance to the Cove on the south side of Exchange Island, through which small boats not drawing over three feet can pass even at low water,

Off the entrance to Exchange Cove the tide runs very rapidly, and there are numerous tide rips and eddies

There is a shallow bay on the east side of Exchange Island.

The bay to the south is foul.

The shore line from here to Ragged Cove is irregular and rocky, with rocky cliffs about midway, at signal Sir.

There is a group of rocks awash at half tide one half mile north

of signal Rag, and about 300 meters offshore.

Signal Rag is on the northern of two rocky islands 15 feet high just off the north point of Ragged Cove.

Ragged Cove consists of two small bays

Whale Passage enters just south of here, running in a north and south direction. About two miles south from the north entrance it makes a sharp turn. Here the passage is practically closed at low water by a large ledge projecting from the north side, and detached ledges across the passage. Just at the lower limit of the sheet there is an arm of Whale Passage extending about two miles back towards the northwest.

The whole of Prince Of Wales Id. is very hilly, and the ranges run in a general north to south direction with the highest, nearly 1900 feet, on the northwest side of Exchange Cove. Here the tops are bare, but elsewhere the trees are thick even over the summits.

The eastern side of Whale Passage is made by Thorne Island. Just northwest of the northwest point of Thorne Id. is a flat wooded island separated from it by only a narrow high water passage. Thorne Id. is covered with hills, about 400 feet in elevation. The shoreline is irregular with numerous small offlying ledges and islands. The beach is largely of gravel, small rocks and outcrops of bed rock

There is a ledge about 400 meters north of signal Piné, and another about the same distance NW (true) from signal Zig. Signal Zig is on the north end of a long, flat island about one mile in length, with a high water passage between it and Thorne Id.

Just east of this lies another smaller island, also flat and wooded.

Shrubby Id. forms the eastern side of Kashevarof Passage at the

north end of the sheet. It is a high wooded island with hills rising to 700 feet. The east shoreline of the island is composed of rocky cliffs. The east entrance to the east and west passage just south of Shrubby Id. is very foul and filled with kelp. A narrow rocky, wooded island forms the south side of the entrance, and the passage to the southward of this is open and good.

West Id. lies on the east side of Kashevarof Passage. It is two miles long and one mile wide. The hills rise to 500 feet near the center of the island. The entire shoreline is rocky with small boulders and extensions of bed rock forming the beaches.

Between West Id. Shrubby Id. and Blashke Id. there is a large number of small islands called Middle Ids. They are all low, wooded, and with irregular passages winding between them; with many offlying rocks in the passages.

Blashke Id. is composed of over a dozen islands. The passage from the north side, shown on the old chart does not run through, only a little water passing through at high water; but there is a passage from the small bay on the west side of Blashke. It is however of no value, as there are a number of rocks in the narrows about $\frac{1}{4}$ mile in from the west entrance. The Blashke Ids. are practically flat except for a twin topped hill 400 feet high near the west coast.

There is a large bay on the south side of the island but kelp and ledges practically close it.

A high water ledge lies south of the island on which Blash 2 is located.

The east shores of the Blashke Islands are lined with kelp. The shoreline is the same as the whole vicinity, beaches of bed rock with gravel and boulders.

The tides run variably through the Middle Islands, but in general, at least from the south end of West Id north, the last of the flood and the ebb run north.

All contours and elevations on the sheet were taken from the beach and are therefore only approximate. The elevations shown are for the tops of the hills, the heights of the trees would increase the values about 50 to 60 feet.

H. T. Ketch

Planetable positions

Object and description	Latitude	D. M.	Longitude	D. P.	Mark Height	Remarks
Signal	° ' "	Meters	° ' "	Meters	Feet	
Air	56 08	1513	132 55	482	c&n	Banner
Art	56 09	1734 350	132 56	321 721	hyd	
Axis	56 11	1566	133 00	314-	c&n	Whitewashed pile of rock
Bad	56 09	308	132 58	519	c&n	
Bib	56 09	865	132 54	1013	c&n	
Big	56 08	1453	133 04	102	none	Whitewashed rock
Bud	56 06	783 1072	132 53	535	hyd	
Bull	56 11	192	132 57	275	c&n	Whitewash pile of rocks.
Bum	56 09	850	132 54	473	none	Banner
Clog	56 07	660	132 56	380	none	Whitewash on small rock
Cur	56 10	1777	133 00	636	none	Banner
Dare	56 09	747	132 58	300	c&n	Whitewash
Deer	56 08	1096	133 03	873	c&n	Whitewash on rock
Dig	56 12	611	132 54	862	hyd	Banner
Dpor	56 08	1334	132 54	31	c&n	Whitewash pile of rocks
Dope	56 06	1640	133 00	126	3 nails	White dead tree
Elk	56 10	992	133 00	673	c&n	Whitewash
Else	56 10	710	132 58	822	c&n	Whitewash
Envy	56 07	132	132 55	611	c&n	
Fig	56 09	1423	132 56	915	c&n	Whitewash
Get	56 12	492	133 13	1031	T.S.ref mark	Whitewash
Gird	56 10	1810	132 57	766	c&n	Whitewash pile of rocks
Gun	56 10	583	133 00	537	c&n	Whitewash
Have	56 09	1056	132 53	607	c&3n	
Hit	56 08	232	133 03	340	c&n	Banner
Hop	56 08	1136	132 54	857	none	Whitewash

Planetable positions

Object and Description	Latitude	D. M. Meters	Longitude	D. P. Meters	Mark Height	Remarks
	o ' "		o ' "		Feet	
Hope	56 07	180	132 52	623	c&n	Whitewash
If	56 11	1051	133 04	168	hyd	Whitewash rocks
Inn	56 08	417	132 52	604	c&3n	Whitewash tree
Ivy	56 06	17	132 52	906	c&n	Banner
It	56 10	1205	132 58	564	hyd	Banner
Java	56 10	1487	132 58	755	c&n	Banner
Jew	56 08	311	132 55	862	none	Whitewash
John	56 08	886	132 56	774	c&n	Whitewash rocks
Joke	56 07	1802	133 03	525	c&n	Banner
Kite	56 09	1720	133 00	362	c&n	Whitewash
Leg	56 07	636	133 02	455	c&n	Whitewash rocks
Mat	56 10	847	132 55	938	c&n	Whitewash rocks
Meat	56 10	1652	132 58	557	c&n	Whitewash
Nag	56 11	373	132 59	922	c&n	Whitewash
Nat	56 11	796	133 00	931	none	Banner
Nine	56 07	88	133 02	258	c&n	Whitewash
Oak	56 11	539	133 02	809	c&n	Banner
Out	56 09	366	132 59	731	c&n	Whitewash
Owl	56 10	703	132 57	523	c&n	Banner
Pine	56 08	1044	132 55	872	none	Banner on tree
Quick	56 11	388	133 02	1003	none	Boulder
Red	56 06	1814	133 01	796	c&n	Whitewash
Rug	56 13	113	133 03	875	hyd	Flag
Rex	56 08	785	132 53	92	c&3n hyd	Banner
Seat	56 09	224	132 59	435	hyd	Whitewash
Sir	56 10	47	133 02	599	c&n	Whitewash

Planetable positions

Object and description	Latitude	D. M.	Longitude	D. P.	Mark Height	Remarks
	0	Meters	0	Meters	Feet	
Sox	56 08	282	132 56	18	c&n	Banner
Soy	56 08	1335	132 52	802	none	
Take	56 12	1715	133 04	10	none	Boulder
Tas	56 10	1152	132 56	847	cu. bolt	Whitewash
Under	56 09	351	132 58	1015	c&n	Whitewash
Upon	56 06	235	132 54	249	c&n	Whitewash rock
Unto	56 10	323	132 57	344	hyd	Banner
Urn	56 10	1167	132 56	488	c&n	Whitewash pile rocks
Vow	56 06	1671	133 01	331	c&n	Whitewash
Way	56 10	297	132 58	68	none	Banner
We	56 12	641	133 04	809	c&n	Whitewash
We	56 06	878	132 55	94	none	Whitewash
Word	56 07	172	133 00	446	c&n	Whitewash boulder
Worm	56 08	1689	133 03	351	none	Whitewash rock
Yam	56 08	1443	133 03	484	c&n	Whitewash
Yoke	56 09	704	132 58	718	c&n	Whitewash
Zig	56 07	547	133 00	594	c&n	Banner
Zag	56 11	1662	132 59	189	c&n	Whitewash
Zinc	56 08	138	132 55	477	none	Whitewash boulder

For further Description of these signals see

DESCRIPTIONS OF TOPOGRAPHIC STATIONS for this sheet

c&n stand for a nail set in cement

hyd means hydrographic mark

cu bolt is copper bolt set in cement