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DESCRIPTIVE REPORT.

Wp. Sheet No. 3547

LOCALITY:

191

CHIEF OF PARTY:

C. G. G.

3547

D E S C R I P T I V E R E P O R T

TO ACCOMPANY TOPOGRAPHIC SHEET No. 3547

OF
VICINITY OF BOLD ISLAND.

REVILLAGIGEDO CHANNEL, ALASKA.

WORK DONE UNDER INSTRUCTIONS FROM THE SUPERINTENDENT
DATED MARCH 24, and APRIL 30, 1915.

SAEON 1915

PARTY OF STEAMER McARTHUR

ASSISTANT C. G. QUILLIAN

Chief of Party.

Topography by S. Davis Winship, Aid.

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET No. 3547 OF
VICINITY OF BOLD ISLAND,
REVILLAGIGEDO CHANNEL, ALASKA.

This sheet shows, on a 1/30000 scale the shoreline of Annette Island, from the eastern entrance of Cascade Inlet to a point opposite Spire Island where it joins topographic sheet no. 3114, season of 1910-11; Revillagigedo Island from Carroll Point to a point one mile west of Lucky Cove; and the islands and rocks between. It extends from latitude $55^{\circ} 09'$ to latitude $55^{\circ} 19'$, and from longitude $131^{\circ} 13'$ to longitude $131^{\circ} 36'$.

GENERAL DESCRIPTION.

The general shoreline of all the islands on this sheet is rugged, either ledgy or short boulder strewn beach. Back from the beach the country is mountainous and rough, rising to a height of 3000 feet on Annette Island, and 2000 feet on Revillagigedo Island. On Bold Island there is a ridge of knolls, whose greatest height is 356 feet, following the southwest shore.

Cascade Inlet and Coho Cove afford passable anchorage to small boats, but Haasler Harbor, which comes within the limits of this sheet, but was done on a 1/5000 scale, affords good anchorage to boats up to 150 feet in length.

DETAILED DESCRIPTION:
SHORELINE ISLANDS AND DANGERS.

In approaching this country from the east the first obstruction is Hog Rocks. There are two groups of these rocks lying 1000 metres and 3000 metres, 108° true from Walker Island, and they show about six feet at H.W. There is a lighted beacon of reinforced concrete on the more easterly group which can be safely passed 500 metres on the port hand. When approaching from the south there are three routes possible, viz.; east of the outer group, between the two groups, or between the inner group and Walker Island. Small boats can pass between Walker Island and Lewis Island, taking care to avoid the group of rocks which lies half way between. The central one of these rocks shows about four feet at H.W., but the others are covered at some stage of tide.

Between Lewis Island and Ham Island is a group of rocks, one of which shows about 12 feet at H.W., the rest being covered at some stage of tide. Small boats can run through here by holding well toward Ham Island.

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REVILLAGIGEDO CHANNEL ALASKA.

Proceeding up the main channel, Bold Island is left close on the starboard hand. The shores of this island are abrupt and there are no reefs or points extending from it on the south and west sides, but on the east side shoal water runs out to Round Island, the name of which is fully descriptive. On Bold Island is shown a small muskeg lake which was sketched in from the report of a fishing party.

Spire Island, on the port hand, with a few outlying rocks, is well marked by a lighted beacon, of reinforced concrete, placed on the outermost rock about 400 metres true NE from the island.

Cutter Rocks, one and one-half miles farther on, is marked by a white slatted daymark with concrete base.

On the Revillagigedo Island side the shores are very steep, in some places rising to a sheer height of an hundred feet. Cone Island, separated from the main island by a narrow bit of water, is conspicuous for its uniform contour. It marks the south side of Thorne Arm. Across Thorne Arm is Coho Cove, which can be entered by small boats.

Between Revillagigedo Island and Bold Island there is one menace to navigation which should be carefully noted, viz.; Mastick Rock, which lies 500 metres 158° true from Δ Wash. Just north of the west end of Bold Island are some small coves and islands of no particular import.

Many streams of fresh water run off all these islands, but none of sufficient size to be notable.

The contours shown were obtained by cuts and vertical angles to prominent points from vantage points in the vicinity. Between these points the contours were sketched. Some of the country not visible from the shore was sketched in on hunting and exploring trips to the interior.

SURVEY METHODS.

The ordinary planetable outfit of the Coast Survey was used, consisting of plane table, alidade, and telemeter rods. The projection was made and triangulation stations plotted before the sheet was taken into the field, and the shoreline and stations between determined by traverse or three point fix.

Respectfully submitted,

S. Davis Winthrop
Aid, C. & G. Survey.

PLANE TABLE POSITIONS

TO ACCOMPANY TOPOGRAPHIC SHEET No. _____

VICINITY OF BOLD ISLAND, ALASKA.

STATION		LATITUDE SEC. IN ' METERS.		LONGITUDE SEC. IN ' METERS.		HEIGHT IN FT. ABOVE H. W.	REMARKS.
Old	55 - 18	1717 138	131 - 31	220 838	10	Braced center pole. Not recoverable.	
Tain	55 - 17	1091 764	131 - 32	66 1003	8	Braced center pole. Not recoverable.	
Cutter	55 - 17	533 1322	131 - 31	494 565	12	Beacon.	
Del	55 - 16	898 957	131 - 32	339 721	4	Braced center pole not recoverable.	
Law	55 - 16	255 1600	131 - 31	882 177	3	Braced center pole. Not recoverable.	
Test	55 - 15	1359 496	131 - 31	601 458	2	Braced center pole. Not recoverable.	
Pelk	55 - 15	1610 245	131 - 30	729 331	4	Braced center pole. Not recoverable.	
Goat	55 - 15	1434 421	131 - 30	527 533	2	Braced center pole. Not recoverable.	
Was	55 - 15	1502 353	131 - 29	117 943	1	W.W. not recoverable.	
Stan	55 - 15	1744 111	131 - 30	406 654	1	Braced center pole. Not recoverable.	
Leaf	55 - 15	884 971	131 - 30	305 755	1	Braced center pole. Not recoverable.	
Meat	55 - 15	671 1184	131 - 29	668 392	1	Braced center pole. Not recoverable.	
Sour	55 - 12	1078 777	131 - 23	1011 50	0	Braced center pole. Not recoverable.	

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STATION	LATITUDE		LONGITUDE		HEIGHT IN		REMARKS.
	o	' SEC. IN METERS.	o	' SEC. IN METERS.	FT. ABOVE H. W.		
Sub	55	- 12 131 1724	131	- 23 302 759	0		W.W. not recoverable.
Pork	55	- 11 1403 352	131	- 23 168 893	2		Braced center pole. Copper bolt.
Bud	55	- 11 1285 570	131	- 23 334 727	4		W.W. not recoverable.
Cas	55	- 11 880 975	131	- 23 336 725	2		Braced center pole. Copper bolt.
Cade	55	- 11 1047 808	131	- 23 577 485	3		W.W. not recoverable.
Steep	55	- 11 208 1647	131	- 23 163 899	6		W.W. not recoverable.
Wall	55	- 10 1016 839	131	- 22 617 445	10		W.W. not recoverable.
High	55	- 11 482 1373	131	- 22 809 253	4		W.W. not recoverable.
Stone	55	- 10 1792 63	131	- 22 473 589	5		W.W. not recoverable.
Men	55	- 10 1201 654	131	- 21 1052 10	10		W.W. not recoverable.
Wool	55	- 11 524 1331	131	- 22 516 546	1		Braced center pole. Not recoverable.
Loo	55	- 10 1704 151	131	- 21 516 546	2		Braced center pole. Not recoverable.
Jug	55	- 10 1086 769	131	- 20 622 440	4		W.W. not recoverable.
Claw	55	- 10 693 1162	131	- 20 155 907	3		Braced center pole. Not recoverable.
Tool	55	- 10 521 1334	131	- 20 7 1055	1		W.W. not recoverable.

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STATION	LATITUDE		LONGITUDE		HEIGHT IN		REMARKS.	
	o	'	SEC. IN METERS.	o	'	SEC. IN METERS.		FT. ABOVE H. W.
Jew	55	- 11	1246 609	131	- 22	392 670	12	Braced center pole. Copper bolt.
Wet	55	- 11	1198 657	131	- 21	1041 21	0	W.W. not recoverable.
Bug	55	- 11	1427 428	131	- 22	79 983	3	W.W. not recoverable.
Bone	55	- 11	1050 805	131	- 21	856 206	3	W.W. not recoverable.
Rum	55	- 11	565 1290	131	- 20	1017 45	2	Braced center pole. Not recoverable.
Mat	55	- 11	154 1701	131	- 20	968 94	0	W.W. not recoverable.
Felt	55	- 11	502 1353	131	- 19	993 69	2	W.W. not recoverable.
Head	55	- 11	96 1759	131	- 19	724 338	3	W.W. not recoverable.
Rag	55	- 10	1795 60	131	- 19	921 141	5	W.W. not recoverable.
Clam	55	- 11	127 1728	131	- 18	900 162	6	W.W. not recoverable.
Find	55	- 13	975 880	131	- 17	490 570	20	Braced center pole. Not recoverable.
Bag	55	- 15	1422 433	131	- 21	815 244	3	Braced center pole. Not recoverable.
Open	55	- 15	1717 138	131	- 22	18 1041	2	Braced center pole. Not recoverable.
Pip	55	- 16	146 1709	131	- 22	46 1013	2	Braced center pole. Not recoverable.
Bank	55	- 16	445 1410	131	- 22	70 989	1	W.W. not recoverable.

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STATION	LATITUDE		LONGITUDE		HEIGHT IN		REMARKS.
	o	'	o	'	FT. ABOVE	H. W.	
					SEC. IN		
					METERS.		
Mad	55	- 16	131	- 22	792 1063	126 933	0 Braced center pole. Not recoverable.
Rill	55	- 16	131	- 22	528 1327	302 757	2 W.W. not recoverable.
Food	55	- 16	131	- 22	168 1687	582 477	1 Tripod signal. Not recoverable.
Bean	55	- 15	131	- 22	1685 170	393 667	1 Braced center pole. Not recoverable.
Coho	55	- 15	131	- 22	1524 331	405 655	3 Braced center pole. Not recoverable.
Wasp	55	- 15	131	- 22	1514 341	758 302	8 Tripod Signal. Not recoverable.
Wink	55	- 14	131	- 23	1212 643	510 550	5 W.W. not recoverable.
Hang	55	- 16	131	- 27	1104 751	68.6 373	2 W.W. not recoverable.
Puck	55	- 16	131	- 27	1663 192	1031 28	2 Braced center pole. Not recoverable.
Ink	55	- 17	131	- 28	188 1667	259 800	3 W.W. not recoverable.
Roon	55	- 17	131	- 27	264 1591	965 94	3 W.W. not recoverable.
Hec	55	- 17	131	- 28	905 950	199 860	4 Braced center pole. Not recoverable.
Mac	55	- 17	131	- 28	1222 633	875 184	2 W.W. not recoverable.
Roll	55	- 17	131	- 29	1785 70	0 0	0 Braced center pole. Copper bolt.

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See H-3783a

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