Form 504
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
State: SOUTHWEST ALASKA
DESCRIPTIVE REPORT.
Topag. Sheet No. F 4085
LOCALITY:
ALASKA PEN.
Pavlof Bay -
Black Pt. to North Shore
1924
CHIEF OF PARTY:
R.R.Lukens

DESCRIPTIVE REPORT

TOPOGRAPHIC SHEET "F" WEST SIDE PAULOF BAY.

U.S.C.&G.S.S. PIONEER

1924

R. R. LUKENS Cmmdg.

LIMITS: Latitude 55-24 to 55-38, Longitude 161-34 to 161-48.

This sheet includes the topography of Pavlof Bay from
A Pav where it joins with sheet B to Dig where it joins with sheet G; also Ivan Island, the adjacent smaller islands.

GENERAL DESCRIPTION OF SHORE: At the south end of the sheet black : sand and ashes with occasional grass patches extend back to the mountains. In the vicinity of A Lagoon there is a group of lagoons and from A Lagoon north is rolling grass country. At the north end of the sheet are three prominent rocky headlands about a mile apart, separated by bays with: a lagoon leading from each bay. Ivan Island with steep rocky cliffs on all sides stands out boldly and there are two other similar but much smaller islands.

INSHORE DANGERS: These can be better covered on the Hydrographic sheet. On the topographic sheet are located a rocky reef bared at half tide between Ivan Id. and the main shore and two rocky islets in the vacinity of Round Id.

LANDMARKS: Of a number of excellent landmarks on this sheet the best are the islands.

Ivan Id with high, steep, rocky cliffs on all sides, and two prominent hradlands at the N and SE ends, is very prominent in clear weather from any point in the bay.

Round Island, 2 miles NE true from Ivan Id, also has steep rocky bluffs and is a very prominent landmark. Gull Id is not so high nor rocky as Round Id but is quaite prominent

The three headlands at \triangle Sam, \triangle Dig and midway between are easily recognised and are good landmarks for the northern end of the bay. The large butte is very prominent,

SURVEY METHODS: The control is from Triangulation of this year by the Str. Pioneer. All shore line is by plane table traverse and all runs checked within allowable error.

The two headlands at \(\triangle \) Sam and \(\triangle \) Dig could not be easily rounded so for a short distance at each the traverse was run at the top of the bluff. Distances were estimated for points on the shoreline and checked by tangents.

The larger part of the shoreline of Ivan Id. was, of necessity, run from the top of the bluff. From O Trip to O Mill(counter clock wise) was run on a narrow beach; there are no beaches whatever on most of the rest of the outer shore. The signals on the NW side of the island from O Van to O Trip were located by cuts.on the traverse from A Lagoon to A Sam.

Round Island and the two small islets are located by tangents taken from the main shore on the traverse between \(\tracesize{Lagoon} \) and \(\tracesize{D}ig_*\) Gull island is shown as taken from the Hydrographic Launch sheet.

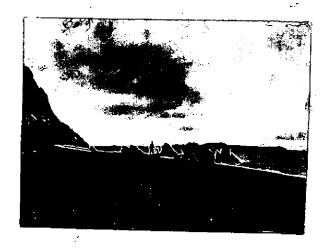
NEW NAMES: Round Island and Gull Island are new names, Ivan Island is locally known as John's Island. There are no names for the lagoons.

R. C. Lucia

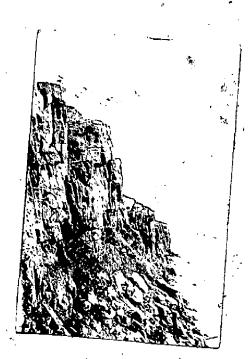
Respectfully submitted,

Lonald W. Taylor

Doneld W. Taylor



W. Shore Paylof Bay
Approx. Lat. 55.28.7
Looking Toward Ivan!



South Shore Ivan I.

Taken near @Race

U.S.C.&G.S.S. PIONEER

R. R. LUKENS Chief of Party

PAVLOF BAY

List of Distances on Meridians and Distances on Parallels.

TOPOGPAPHIC SHEET F

WEST SIDE PAVLOF BAY. North from Pav.

			1	LATIT	UDE		LONGI	PUDE .	
NO.	NAME	0	•	11	(METERS)	0 1	ř1	(METERS)	NOTES.
1	Abe	55	24	1724	132	161 41	409	647	Signal
2	Bol	55	25	3 0	1826	161 41	430	6 25 ,	Boulder
3	Cat	55	25	400	1456	161 41	645	, 410 ·	Signal
4	Dog	55	25	1070	786	161 41	963	92	11
5	Ez	55	25	1260	596	161 41	1007	48	11
6	Fox	55	25	1761	95	161 41	1002	53	н —
7	· Go	55	26	222	1633	161 41	1031	24	rt
8	Pile	55	26		1008	161 41	1000	55	11
9	Dune	55	26	1473	382	161 41	860	195	11 .
10	Lava	55	27	100	1756	161 41	902	152	n
11	Mei	55	27	1198	6658	161 41	758	296	Signal D.W.
12	Tri	55	27	1768	88	161 41	846	208	ns n
13	Mar	55	28	399	1457	161 41	721	333	th' H H
14	Bank	55	28	804	1052	161 41	584	470	W.W.on Ak. 2 way up blus
15	Ex	55	28	1180	676	161 41	540	514	Signal D.W.
16	Pont	55	.28	1587	269	161 41	508	546	W.W.on Rocky Point
17	Cad	55	29	133	1723	161 41	678	376	Signal D.W.
18	Sum	55	29	651	1205	161 41	833	221	, 11 < 11 11/
19	Will	55	29	1153	7 0 3	161 41	767	287	ú n/n
20	Cur	55		1703	153	161 41	761	293	n property
21	Ent	55	30	126	1730	161 42	247	806	, n (n n)
22	Mop	55	31	1069	787	161 39	614	439	W.W.on Rock
23		55	31	1116	740	161 39	458	595	tr (
24	Race	5 5	31	1110	746	161 39	212	841	n
25	Mill-	5 5	31	1226	630	161 38	889	164	11
	Hed							,	
26	Squar	e55		1321	535	161 38	745	308	W. W. on Cliff
27		55		1432	424	161 38	813	240	Knoll .
28 `	Nit	55	32	295	1561	161 38	941	112	W.W.rock
29	Pek	55	32	417	1439	161 38	981	72	Summit of Ridge
30	Van	55	32	968	888 .	161 39	241	812	₩.W.on Cliff
31		55	32	721	1135	161 39	403	650	tt
32	~	5 5	32	311	1545	161 39	605	. 44 8	Small W.W.on Cliff
33	Qver	5 5	32		1633	161 39	761	292	W.W.rock
34	Trip	5 5		1637	219	161 39	957	·96	92
35		55		1561	295	161 39	956	97	
36		55		1295	561	161 39	882	171	ŧī
37	Rat	55		1442	714	161 39	751	302	11
3 8	Bill	55	33	J § 58	998	161 39	223	829	W.W. on offlying rock

		LATITUDE						LONGI		•	
NO.	NAME	0	, •	rt	(METERS)	0	1	11	(METERS)	NOTES.	
39	Во	- 55	34	610	1246	161	38	462	589	Driftwood	Sig.
40	Hut	55	34	1301	555	161	38	207	844	17	16
41	Shine	55	34	11679	177	161	37	845	206	W.W. on Rky	y Point
42	Sand	55	35	681	1175	161	37 ,	660	391	Driftwood	Sig.

Abbreviations used

ñ. A	Whitens	sh
D.W.	 Driftwo	ood
s.C.	 Signal	Cloth
Sig.	Signal	•

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

March 25, 1925.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4085

Pavlof Bay, Alaska Peninsula

Surveyed in 1924

Instructions dated February 27, 1923 and February 8, 1924.

Chief of Party, R. R. Lukens.

Surveyed and inked by D. W. Taylor.

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

- 72. The plan and character of the survey conform to the requirements of the General Instructions. except that elevations should have been based on massle instead of how. (see paragraph 154 of General Instructions), and the magnetic meridian is not shown.
- 73. The plan and extent of the survey conform to the requirements of the specific instructions except that form lines were not shown, although they were specially called for.
- \checkmark 4. The junctions with the adjacent surveys are satisfactory.
 - 5. The character and scope of the surveying are excellent, except for the omissions noted.
 - 6. Reviewed by E. P. Ellis, March, 1925.

Approved -

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. (F) 4085

State SOUTHWEST Alaska
General locality
Locality West Shore, from Sta. Pav to Sta. Dig.
Chief of party R. R. Lukens
Surveyed by D. W. Taylor
Date of survey
Scale 1 : 20;000
Heights in feet above High Water
Contour interval feet.
Inked byD. W. T Lettered by . D. W. T
Records accompanying sheet (check those forwarded): Photographs,
Descriptive report, Horizontal angle books, Field computations,
Data from other sources affecting sheet
Remarks :