

4078

Form 504

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

State SOUTHWEST ALASKA

11-5613

DESCRIPTIVE REPORT.

Topog. Sheet No. 4078

LOCALITY:

Alaska Peninsula

Isanotski Strait

1924

CHIEF OF PARTY:

R.R. Lukens

4078

DESCRIPTIVE REPORT

TOPOGRAPHIC SHEET " " ISANOTSKI STRAITS

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

1924

R. R. LUKENS CMMDG.

LIMITS: This sheet on a scale of 1:16,000 represents both shores of False Pass, S.W. Alaska and extends from north Latitude 54-48 to 54-55 and from west Longitude 163-19 to 163-26.

CONTROL AND SURVEY METHODS: The following points of control were located by ~~Primary~~ ^{Secondary} Triangulation (L.C. Wilder, 1923) Sentinel, Kabuck, Dune, Castle, Near, Flat, Nest, Easy, Hard, and End. Signal Not was located by triangulation 1924. The shore line and Hydrographic signals between triangulation stations were located by plane table traverse. The signals on the opposite shore, gave an opportunity for good check by resection and three point problem so that there was no appreciable closing error on any traverse. The control points for the form lines were located by at least three cuts from shore stations and the elevation computed from at least two stations.

At the northern limit on the western shore this sheet connects with the topography of MR. D.W. Taylor, 1924.

GENERAL DESCRIPTION OF SHORE LINE: The eastern shore of False Pass from Last to Kabuch Point Light is a rugged cliff formation with a boulder beach extending to low water line. The shore line from Kabuch Point to the northern limit of the sheet is broken cliff formation with an occasional short stretch of sandy beach. The western shore from southern limit of sheet to Old is a sandy beach. At Whirl Point the shore line is broken cliff formation with a ledge extending well off shore. At White Bluff there is a steep eroded bank very light colored. The rest of the shore line on the western side is either sand or boulder beach with low cliff or grass covered banks.

ANCHORAGES: Large craft will find a good anchorage off the Palisade Cliff in good holding ground. Inside the Pass the best anchorage is in the first bight to the northward of the P.E. Harris Cannery but large craft cannot get close enough inshore to get good protection.

LANDMARKS:

Sentinel Peak, (obscured by clouds a large part of the time)
Palisade Cliffs at entrance point to Pass.
Kabuch Point Light (built 1923, blinker)
Whirl Point
Stone Wall (a narrow cliff, elevation about 100 feet)
White Bluff (a steep eroded bank light gray in color)
Island Rock
Bird Rock

INSHORE DANGERS: A rocky ledge extending 150 meters off shore at Kabuch Point Light.

A rocky ledge 1000 meters to ^{East} westward of Kabuck Point Light extending 200 meters off shore.

A reef extending 120 meters off Whirl Point.

A reef extending 150 meters off Stone Wall.

Island Rock.

A reef extending 150 meters off Knoll Point.

Bird Rock. A similar reef extending across from Bird Rock to the mainland.

Respectfully Submitted,

by

A. J. Hoskinson

R. P. Lukens
County.

<u>NO.</u>	<u>NAME</u>	<u>LATITUDE</u>			<u>LONGITUDE</u>			<u>NOTES.</u>
		<u>o</u>	<u>'</u>	<u>"</u>	<u>o</u>	<u>'</u>	<u>"</u>	
39	Dig	54	52	895	163	20	835	W.W.Rock
40	Say	54	52	810	163	20	66	Tripod Signal
41	Boy	54	52	1256	163	19	458	"
42	Set	54	53	0000	163	19	191	W.W.Rock
43	Ben	54	53	776	163	19	504	"
44	Far	54	54	268	163	19	280	"

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

R. R. LUKENS
Chief of Party

False Pass

List of Distances on Meridians and Distances on Parallels.

Topog.
~~HYDROGRAPHIC SHEET~~ *False Pass 1924* FALSE PASS.

NO.	NAME	LATITUDE			LONGITUDE			NOTES.
		0	'	"	0	'	"	
1	Half	54	47	1771	163	22	554	Tripod Signal
2	Fish	54	48	874	163	22	246	Shack on Fish Trap
3	Dol	54	48	1123	163	22	348	Dolphin
4	Old	54	49	828	163	22	449	W.W.Rock
5	New	54	49	1128	163	22	537	"
6	Low	54	49	1410	163	23	264	Shack
7	Bay	54	49	1413	163	23	283	"
8	Fin	54	49	1507	163	23	343	"
9	Out	54	49	1653	163	23	68	Dolphin
10	Cliff	54	50	21	163	23	251	W.W.Rock
11	Peg	54	50	694	163	23	829	"
12	Wet	54	50	960	163	24	124	Water Fall
13	Many	54	50	1050	163	24	113	W.W.Rock
14	Wire	54	51	578	163	24	556	Wireless Pole
15	Les	54	51	690	163	24	618	"
16	Stack	54	51	790	163	24	545	Stack of Cannery
17	Bright	54	51	1216	163	24	964	Cabin
18	Nel	54	51	1680	163	24	782	Tripod Signal
19	Post	54	52	90	163	24	625	"
20	Gard	54	52	447	163	24	438	Shack
21	Big	54	52	1703	163	24	432	W.W.Rock
22	Get	54	53	783	163	24	155	"
23	Pen	54	53	982	163	23	916	"
24	Bol	54	54	126	163	23	820	"
25	Tom	54	55	73	163	24	433	"
26	Last	54	48	1100	163	19	271	"
27	Gay	54	48	1240	163	20	31	Water Fall
28	High	54	48	1278	163	20	366	"
29	Fall	54	48	1378	163	20	1068	"
30	Pay	54	49	673	163	21	762	Tripod Signal
31	Con	54	49	1552	163	21	951	W.W.Rock
32	Met	54	50	1104	163	22	334	"
33	Try	54	51	95	163	22	746	"
34	Point	54	51	320	163	23	124	Tripod Signal
35	Sin	54	51	577	163	23	03	"
36	Rock	54	51	948	163	23	476	W.W.Rock
37	Pit	54	51	1203	163	22	655	"
38	Bos	54	52	26	163	22	670	"

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

March 19, 1925.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4078

Isanotski Strait, Alaska Peninsula

Surveyed in 1924

Instructions dated April 11, 1923 and February 8, 1924

Chief of Party, R. R. Lukens.

Surveyed and inked by A. J. Hoskinson.

1. The records conform to the requirements of the General Instructions.
2. The plan and character of the survey satisfy the General Instructions.
3. The plan and extent of the survey satisfy the specific instructions.
4. The usual field drafting was done by the field party.
5. This sheet does not adjoin any other topographic survey.
6. The character of vegetation, or lack of it, are not indicated.
7. The character and scope of the surveying and field drafting ^{are very good} ~~are~~ is excellent.
8. Reviewed by E. P. Ellis, March, 1925.

Well-controlled form lines

Approved -

ATG
J. P. H.

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. 4078
SOUTHWEST ALASKA
State S. V. Alaska
General locality Alaska Peninsula
False Pass
Locality Isanotski Strait
False Pass
Chief of party R. R. Lukens
Surveyed by Albert J. Hoskinson
Date of survey June - July 1924
Scale 1 - 10,000
Heights in feet above Mean sea level
Contour interval 100 feet.
Inked by A. J. Hoskinson. Lettered by A. J. Hoskinson.
Records accompanying sheet (check those forwarded): Photographs,
Descriptive report, Horizontal angle books, Field computations,
Data from other sources affecting sheet

Remarks: