

4087

Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: SOUTHWEST ALASKA

31--5613

DESCRIPTIVE REPORT.

Topog. Sheet No. (B) 4087

LOCALITY:

ALASKA Pen.

Cold Bay

Thin Pt. to Upper Part

1924

CHIEF OF PARTY:

R.R. Lukens

4087

DESCRIPTIVE REPORT

TOPOGRAPHIC SHEET "B" WEST SHORE COLD BAY

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

1924

R.R. LUKENS Cmmdg.

LIMITS: Latitude 54-57 to 55-11, Longitude 162-26 to 162-40. This sheet covers the west shore of Cold Bay from Δ Cross on the north where it connects with Topographic Sheet C to the end of Thin Point on the south.

GENERAL DESCRIPTION OF SHORE: With the exception of a few short stretches there are bluffs varying in height up to 70 feet along the entire shore line of this sheet. At the extreme end of Thin Point the bluff is steep, overhanging and eroded and about 25 feet high, also from Δ Salt, about one mile northward the bluffs are eroded, otherwise the bluffs are grassy. The beach is mostly sand and gravel and there is no kelp. Back from the shoreline there is rolling tundra land with numerous small fresh water lakes.

INSHORE DANGERS: Off Thin Point there are two rocky reefs. The larger extends about 1000 meters S.W. true from Δ Dark; most of this reef shows at low low water while it is almost covered at high water. The other reef extends about 600 meters S.E. true from Δ Cliff and is entirely covered at high water. Between these reefs the beach is rocky and strewn with large boulders.

Between Δ Salt and Δ Point there is a foul area extending well out. A group of boulders $\frac{1}{2}$ mile south of Δ Point is very prominent at low water.

LANDMARKS: Thin Point Hill although only about 340 feet high is an excellent landmark. The hill is symmetric, slopes gradually on both sides and shows for some distance in every direction.

The bluff between Δ Cliff and Δ Dark stands out well and is a good landmark to the south.

The bluffs at Δ Bluff and Δ Salt are prominent and good landmarks.

SURVEY METHODS: The triangulation on this sheet is from the scheme carried through Cold Bay in 1923. With the exception of a short stretch between Δ Bluff and Δ Salt the topography is continuous plane table traverse. The short stretch between Δ Bluff and Δ Salt ~~however~~, was run with plane table using three point fixes. The short run on the west side of Thin Point from Δ Dark north has no check, moreover it was run in a very strong wind, so the position of the last topographic signal (a large WW on a vertical rock cliff) should be checked.

Between Δ Lor and Δ Plat the topography was run by R.R. Lukens; between Δ Plat and Δ Wald by C.J. Litter; the remainder of the work was done by D.W. Taylor.

NEW NAMES FOR CHARTS: Thin Point Lagoon is quite large and was spoken of by a number of persons familiar with the country. No knowledge of it could be obtained that was definite ^{enough} to warrant sketching. It is said to extend from Thin Point Cove north to within 100 meters of the next lagoon.

There are no ~~new~~ names for the two lagoons shown on the sheet.

Respectfully Submitted,

Donald W. Taylor
D.W. Taylor

*approved
A.P. Rubin*

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

R. R. LUKENS
Chief of Party

West Side Cold Bay

List of Distances on Meridians and Distances on Parallels.

TOPOGRAPHIC SHEET B

West Side Cold Bay.

NO.	NAME	LATITUDE				LONGITUDE				NOTES.
		o	'	"	(METERS)	o	'	"	(METERS)	
1	—	54	59	72	1783	162	36	503	564	W.W. on Cliff
2	—	54	58	1519	336	162	35	957	110	D.W. Sig
3	—	54	58	1141	714	162	35	400	667	"
4	—	54	58	749	1106	162	35	147	920	"
5	Log	54	57	1258	597	162	34	502	566	"
6	Pin	54	57	940	915	162	34	39	1029	W.W. Rock
7	Ron	54	57	848	1007	162	33	830	238	"
8	Ag	54	57	874	981	162	33	530	538	"
9	Bat	54	57	1527	328	162	33	124	944	D.W. Sig
10	Tag	54	57	1748	107	162	33	134	934	"
11	Sod	54	58	30	1825	162	33	361	706	"
12	Rig	54	58	367	1488	162	33	958	109	"
13	Pop	54	58	1214	641	162	34	237	830	"
14	Lab	54	58	1578	277	162	34	254	813	W.W. Rock
15	Cos	54	59	426	1429	162	34	242	825	D.W. Sig
16	Pan	54	59	1397	458	162	34	230	837	"
17	Pipe	55	00	118	1737	162	34	272	794	"
18	Mas	55	00	754	1101	162	34	276	790	"
19	Pol	55	00	1062	793	162	34	295	771	Pole in front of Cabin
20	Bril	55	00	1584	271	162	34	205	861	W.W. Rock
21	Bol	55	01	335	1520	162	34	155	911	"
22	Trip	55	01	953	902	162	34	469	597	Signal
23	Ner	55	01	1521	334	162	34	906	160	Banner
24	Rik	55	02	258	1597	162	34	988	77	W.W. Can & Rocks
25	Jip	55	02	539	1316	162	34	940	125	W.W. Rock
26	Hot	55	02	899	956	162	35	33	1032	W.W. Tripod Signal
27	Fur	55	02	1236	619	162	35	316	749	Rock on Bluff
28	Bill	55	02	1526	329	162	35	319	746	W.W. Rock
29	Ted	55	03	191	1664	162	35	459	606	Pole Signal
30	Zine	55	03	532	1323	162	35	801	263	Signal
31	Prom	55	03	957	898	162	35	876	189	From W.W. Rock $\frac{1}{2}$ way up
32	Chow	55	04	88	1767	162	35	888	177	Signal
33	Ny	55	04	480	1375	162	36	36	929	Cloth Signal
34	Chat	55	04	853	1002	162	36	74	991	Large W.W. boulder
35	Bal	55	04	1630	225	162	36	76	989	W.W. Balanced Rock
36	Nut	55	05	187	1668	162	36	74	990	W.W. Rock

NO.	NAME	LATITUDE				LONGITUDE				NOTES
		°	'	"	(METERS)	°	'	"	(METERS)	
37	Stik	55	05	618	1237	162	36	155	909	Pole
38	Rab	55	05	831	1024	162	36	327	737	Barrabara
39	Sle	55	05	1205	650	162	36	771	293	Lg D.W.&S.C.
40	Rif	55	05	1654	201	162	37	111	953	"
41	—	55	06	152	1703	162	37	643	421	Stake
42	—	55	06	612	1243	162	37	630	434	W.W.Rock $\frac{1}{2}$ way up bluff
43	Lef	55	06	1039	816	162	37	601	463	W.W.Rock
44	—	55	06	1327	528	162	37	620	444	"
45	—	55	06	1361	494	162	37	887	177	Sig. on top of Hill
46	—	55	06	1710	145	162	37	717	347	W.W.2/3 up Bluff
47	—	55	07	423	1432	162	37	609	454	Signal, W.W. D.W.
48	Rap	55	07	3876	989	162	37	423	640	Gable of Shack W.W.
49	—	55	07	1256	599	162	37	186	877	D.W. Signal
50	Sel	55	07	1601	255	162	37	49	1014	Saltery Shack
51	—	55	07	1254	601	162	36	326	737	Small W.W.
52	—	55	07	1319	536	162	35	787	276	W.W.Rock
53	—	55	07	1684	171	162	35	509	554	"
54	Bri	55	08	00	1855	162	35	387	676	"
55	—	55	08	223	1532	162	35	263	800	"
56	Sec	55	08	452	1404	162	35	233	831	"
57	Tar	55	08	1193	662	162	35	348	715	Target Signal
58	Rik	55	08	1577	377	162	35	739	324	W.W.Rock
59	Ra	55	08	1787	68	162	35	925	438	Barrabara
60	Nor	55	09	300	1555	162	35	950	112	W.W.Rock
61	Say	55	09	499	1356	162	36	228	834	"
62	By	55	09	664	1191	162	36	542	520	"
63	Big	55	09	1398	457	162	36	762	800	Target on W.W. boulder
64	Kir	55	09	1629	227	162	36	981	81	W.W.Rock
65	Soc	55	10	244	1611	162	37	40	1022	"

Abbreviations used

W.W. whitewash
D.W. Driftwood
S.C. Signal Cloth
Sig. Signal

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

May 13, 1925.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4087

Cold 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.
- ✓ 2. The plan and character of the survey satisfy the General Instructions except for the omission of a magnetic meridian.
- ✓ 3. The plan and extent of the survey satisfy the specific instructions except for the omission of form lines. It is assumed from notes on the sheet and in the descriptive report that the region back of the shoreline is very low except for the hill on Thin Point which should have been defined by form lines.
- ✓ 4. The junction with the adjoining survey is satisfactory.
- ✓ 5. No further surveying is required.
6. The character and scope of the surveying is good and the field drafting is excellent.
7. Reviewed by E. P. Ellis, May, 1925.

Approved -
ALB
J.H.H.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

4087

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. (B) 4087

State . . . S. W. Alaska

General locality . . . ~~Cold Bay, Alaska Peninsula~~

Locality . . . Cold Bay—Thin Pt. to Upper Part
~~West Shore from Thin Point to Sta. Cross~~

Chief of party . . . R. R. Lukens

Surveyed by . . . D. W. Taylor

Date of survey . . . June 1924

Scale . . . 1 : 20,000

Heights in feet above . . . High Water

Contour interval feet.

Inked by . . D. 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: