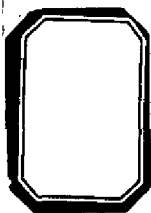
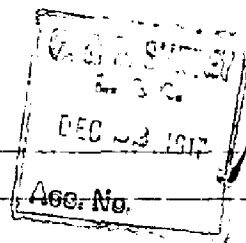


3696



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

State: _____

11-5613

DESCRIPTIVE REPORT.

Top. Sheet No. 3696

LOCALITY:

191

CHIEF OF PARTY:

3696

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET #2. (Ship's Number).

LIMITS:- The area covered in this survey extends from a point about 1-1/2 miles south of the southernmost of the two small islands in Lisianski Strait, where it joins Sheet #1, southward to about 1/2 mile north of Point Theodore where it joins Sheet #4. It also extends about 1,000 meters into Stag Bay to join that sheet.

GENERAL DESCRIPTION:- This area is in general mountainous from where it joins Sheet #1, toward the coast except for about the last mile from the coast where the land is low and rolling and heavily wooded with evergreens. The shore is steep and rocky, with only two beaches of any size in the whole area. The mountains on the east rise abruptly and are wooded to about 1,500 ft. in elevation, the tops being in most cases bare rock. On the west the slope is more gradual, wooded, and the peaks are further back. They are somewhat lower than on the east side and the tops are covered with heather. Fish, as salmon, small cod, and herring are found. Game is plentiful. Small streams are frequent.

DETAILED DESCRIPTION:- Stag Bay (local name) lies about 4 miles south of the two small islands in Lisianski Strait and extends about 3-1/4 miles in a southeasterly direction. This area was surveyed on a separate sheet.

Lost Cove (local name) is a small cove lying about 1-1/2 miles north of Point Theodore on the east side of Lisianski Strait. It is well protected against all winds, but is suitable only for small boats. In the middle of the entrance is a rock bare 3 ft. at M.L.L.W., and marked by kelp. At the head of the northeast arm a small brook drains a lake.

To the south of Lost Cove on the east side the shoreline is broken up by deep, narrow inlets.

The Strait is deep and free from dangers throughout the area covered by the survey.

SURVEYING METHODS:- The shoreline was mapped by traversing with intermediate sights taken about every 100 meters. The distance between setups is about 500 meters. The greatest error of closure was about 10 meters, which was adjusted. All errors of closure have been adjusted. Magnetic lines were put on by declinoire, but were used only for checking orientation. The three point problem was freely used as the character of the shoreline was such that it greatly expedited the work. The sextant was used only to check the locations of signals for hydrography.

Sheet -2-

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET #2, (Ship's Number).

The elevation of peaks was obtained by elevation angles from two or more setups. The contours were sketched by eye in the field, using the shoreline and peaks to control them. The contour interval is 100 ft.

The shore survey was controlled by triangulation which preceded the topography.

Respectfully submitted,

HWP

Aid, C. & G. Survey.

HWP/MDG

LIST OF PLANETABLE POSITIONS TO ACCOMPANY TOPOGRAPHIC SHEET #2

<u>Object</u>	<u>Lat.</u>	<u>Sec-Meters</u>	<u>Long.</u>	<u>Sec-Meters</u>	<u>Elevation</u>	<u>Remarks.</u>
Wid	57 - 51	274	136 - 25	198	H.W.	W.W.
Do	57 - 51	228	136 - 26	555	H.W.	Cement & nail.
Let	57 - 57	26	136 - 23	78	H.W.	W.W.
Pole	57 - 55	1407	136 - 21	209	10	Cement.
Hep (Tre)	57 - 55	1439	136 - 20	935	H.W.	W.W.
Nip	57 - 55	1566	136 - 21	386	H.W.	W.W.
Ton	57 - 55	862	136 - 21	23	H.W.	W.W.
Bo	57 - 55	897	136 - 21	232	H.W.	W.W.
Sun (Jax)	57 - 54	423	136 - 22	502	H.W.	W.W.
Net (Ben)	57 - 53	1583	136 - 22	845	H.W.	W.W.
Mary (Bull)	57 - 53	141	136 - 23	415	H.W.	W.W.
Bat (Gas)	57 - 52	1430	136 - 23	657	H.W.	W.W.
No	57 - 51	1236	136 - 24	691	H.W.	W.W.
Bed	57 - 51	1169	136 - 24	484	H.W.	W.W.
Cat	57 - 51	1175	136 - 24	377	H.W.	W.W.
Crib	57 - 51	942	136 - 24	400	H.W.	W.W.
Can	57 - 51	782	136 - 24	691	H.W.	W.W.
Pix	57 - 51	737	136 - 24	572	H.W.	W.W.
Tad	57 - 52	596	136 - 25	374	H.W.	W.W.
Sil	57 - 52	996	136 - 25	198	H.W.	W.W.
Cod (Sip)	57 - 53	362	136 - 24	631	H.W.	W.W.
Ten (Noy)	57 - 53	1372	136 - 24	139	H.W.	W.W.
Tom (Moon)	57 - 54	547	136 - 23	644	H.W.	W.W.

Cement signifies station marked with a pat of cement,
with letters "U. S. C. & G. S. 1917, PT." stenciled on the
face.

Copy checked 11/27/78

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. 3696

State . . . Alaska

General locality . Lisianski Inlet and Strait

Locality . . . Lisianski Strait, to Lost Cove

Chief of party . . C. G. Quillian

Surveyed by . . . Harold W. Pease

Date of survey . . June - August, 1917

Scale 1:20,000

Heights in feet above . . H. W.

Contour interval . 100 . feet.

Inked by . . H. W. P. Lettered by

Records accompanying sheet (check those forwarded): Photographs,

✓ Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet

1 Des. Top. Station orig only

Remarks: