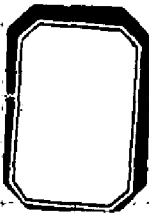


3699

3



App. No. *2*

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

State: \_\_\_\_\_

11-5013

DESCRIPTIVE REPORT.

*Top.* Sheet No. *3699*

LOCALITY:

191

CHIEF OF PARTY:

3699

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET #3, (Ship's Number).

Register No. \_\_\_\_\_

The area surveyed on this sheet joins with that of Sheet #1 at a point approximately 2-1/2 miles southeast of Junction Island and extends to the southeastward a distance of some twelve miles to the head of Lisianski Inlet.

- GENERAL DESCRIPTION -

The area surveyed is mountainous the peaks rising from heights of a few hundred feet to 3,600 feet. The higher peaks are bare and rocky. On the northeast side of the inlet the peaks are further from the shore, the slopes are gentle and heavily wooded to a height of about 2,000 feet. On the southwest side of the inlet the peaks are close, the slopes steep, and sparsely wooded by scrubby evergreens, a few deciduous trees are scattered near the shore and along the many streams.

Game and fish are plentiful in this locality, and water is to be had at frequent intervals.

- DETAIL DESCRIPTION -

Jem's Island (so called by this party) is a small island near the northeast shore of Lisianski Inlet and about half way from Junction Island to head of Lisianski Inlet. It is the largest and most prominent island of a small group of islands. The ground rises to a height of 40 feet and is covered with spruce trees which rise to a height of some 50 feet more. A large sand spit lies on each side of these islands.

At the head of the inlet there is a large tide flat which bares at low water. Back of this there is a large area covered with tall grass. Two streams enter the inlet at the head. The one on the north side is a stream of considerable volume and is 50 meters in width. The current is swift, but the water is shallow. The survey was carried up this stream only a short distance.

A large valley extends in a southeasterly direction from the head of Lisianski Inlet and it is believed that this continues until it reaches Hooniah Sound.

- SURVEY METHODS -

Triangulation stations were close together and furnished splendid control for the topographic survey. Very little traversing was done. The three point problem was relied upon extensively as it was found to be far easier and faster than to carry a traverse. The sextant was used to a very limited degree in checking the shoreline.

Sheet -2-

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET #3, (Ship's Number).

Register No. \_\_\_\_\_

The peaks were located by cuts from the shore and contours were sketched from the locations and elevations thus obtained. The contours are therefore only approximate in their location. Contour interval is 100 feet.

Respectfully submitted,

*signed B. C. Freeman*

Aid, C. & G. Survey.

BCF/MDQ

# LIST OF PLANETABLE POSITIONS

<u>Object</u>	<u>Lat.</u>	<u>Sec-Meters</u>	<u>Long.</u>	<u>Sec-Meters</u>	<u>Remarks.</u>
Curl	57 - 57	1823	136 - 14	180	No mark. W.W. ✓
Rexo	57 - 59	83	136 - 15	727	No mark. W.W. ✓
Lamp	57 - 58	1115	136 - 17	322	Cement. W.W. ✓
Start	57 - 57	1300	136 - 15	806	Lone tree. ✓
Ant	57 - 54	1512	136 - 09	787	Cement.
Ram	57 - 54	1521	136 - 09	534	Cement.
Har	57 - 54	1355	136 - 09	343	Cement.
Let	57 - 54	1272	136 - 09	480	Cement.
Arm	57 - 54	1142	136 - 09	483	Cement.
Sis	57 - 54	1024	136 - 09	288	Cement.
Not	57 - 54	868	136 - 10	370	Cement.

Cement signifies a pat of cement having a hole in its center.

*Copy label R.C.V.*

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. 3699

State . . . . . S. E. Alaska . . . . .

General locality . . . Lisianski Inlet . . . . .

Locality . . . . .

Chief of Party . . . C. G. Quillian . . . . .

Surveyed by . B. C. Freeman, Paul V. Lane, H. W. Pease. . . .

Date of survey . . . August, 1917 . . . . .

Scale . . . . . 1:20,000 . . . . .

Heights in feet above . . . . . H. W. . . . .

Contour interval . . 100 . . feet.

Inked by . . . B. C. F., P. V. L., 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 . . . . .

Remarks:

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U. S. Coast and Geodetic Survey

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Remarks: *1 cabin 9 lbs of top station original of*

*1 sheet same as above*