

4

3695



U. S. COAST AND GEODETIC SURVEY
Dev. 23 1
AGG. REG.

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

State: _____

11-5013

DESCRIPTIVE REPORT.

Sheet No. 3695

LOCALITY:

191

CHIEF OF PARTY:

3695

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET #4, (Ship's Number).

Register No. _____

The area surveyed on this sheet embraces Point Urey from the entrance of Lisianski Strait to and including Ilin Bay.

- GENERAL DESCRIPTION -

The shoreline is rocky and is cut up by long narrow inlets extending some distance inland. These inlets are all shoal and many of them bare near their heads at low water.

The shore is wooded with fir and spruce interspersed with small deciduous trees and underbrush.

- DETAIL DESCRIPTION -

Esther Island, (local name), is a small island, about a quarter of a mile long and two hundred meters in width at its widest place. The rock rises to a height of about 60 feet. It is heavily wooded by fir and spruce trees. Near the middle of the island and on the easterly side is a bight which nearly cuts the island into two islands. During the storm tides, the water cuts across the island at this point. East of this island is a narrow passage to the sea, which is used by small craft, and is known locally as the Inside Passage.

Canoe Cove (so called by party) is a small cove to the eastward of the small islands, forming the east side of the inside passage. It has two entrances, one known as the North Pass and the other as West Pass. North Pass is narrow and bares for a short distance at extreme low water. West Pass is narrow, but is deeper than North Pass, and has about one foot at its shoalest point at low water. This pass is more open to the sea and during heavy weather the swell runs up the pass for some distance. A heavy growth of kelp is located at its seaward end. The cove furnishes a good anchorage for SMALL boats, anchorage in 4 or 5 fathoms, sticky bottom. During a southeast blow, however, the wind draws up through the slough and there is danger of dragging.

Lumber Cove (so called by party) is a long narrow bay some half mile in length and 450 meters wide at its entrance. A small island near the entrance is nearly in mid channel. In entering, pass close to this island, leaving it on the starboard side, when clear of this island, pass in mid channel, anchor near head of cove in 5 or 6 fathoms, good holding bottom. This anchorage is well protected and can be used by small boats in all weathers.

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET 17, (Group 8 number).

Register No. _____

The island at entrance rises precipitously to a height of nearly a hundred feet and is covered with spruce trees about 50 feet high. Lumber Cove and Canoe Cove are connected at high water.

Urey Rocks, (so called by party). These are two high, long, bare rocks about 1-1/4 miles from Point Theodore and 1/2 mile west of the entrance, southerly end of Point Urey. The westerly one of these rocks rises to a height of approximately 110 feet. The other rock is longer and wider, but has an elevation of only about 80 feet. These are the highest rocks in the vicinity and make good land marks.

Three Hill Rock, (so called by party). This bare rock has three noticeable hills, the highest of which rises to an elevation of 20 feet. It is located 700 M. * off the extreme southerly end of Point Urey and is a good landmark for vessels making the inside passage. Signal "Tri" is located on this rock.

Palm Tree Point, (so called by party). From sea this resembles a point of land extending to the eastward, but in reality it is a chain of high rock islands. On the larger island are two trees which have no branches until near the top. From a distance they very closely resemble Oriental palm trees. The southerly one of these trees was located and used as hydrographic signal "Palm". These trees are visible for some distance and make very good landmarks.

Porcupine Rock (name from chart). Porcupine Rock is a prominent rock lying one mile south of southerly end of Point Urey. Rock is about 25 feet wide by 40 feet long and is bare about 12 feet at high water.

Ilin Bay, (name from chart). Ilin Bay is about one-half mile in length and is about same in width. It is rocky and is badly exposed to southward. It is not recommended as an anchorage, except for very small craft.

-- SURVEY METHODS --

The planetable was used entirely in the survey of this area although sextant fixes were used for checking. Closed traverses were carried and were checked by three point fixes as often as practicable. At 0 Sil, the traverse checked by resection on triangulation signals North and Porc. At Station Cup a resection to "Porc" checked, while a line to "North" passed 50 meters too far to southward.

Sheet -3-

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET #4, (Ship's Number).

Register No. _____

Due to the bad weather and to orders to close season immediately, it was impossible to tie this in or even to mark B Cup. However, there is a cabin just inside Ilin Bay and the window on its side facing the water can be used to tie in this shoreline and to adjust it.

Respectfully, submitted,

Signed B. C. Freeman

Aid, C. & G. Survey.

BCF/MDG

LIST OF PLANE TABLE POSITIONS -

<u>Object</u>	<u>Lat.</u>	<u>Sec-Meters</u>	<u>Long.</u>	<u>Sec-Meters</u>	<u>Height</u>	<u>Remarks.</u>
De	57 - 51	228	136 - 26	555	18	W.W. Cement & Nail ✓
Kel	57 - 51	319	136 - 26	873	6	W.W. Cement & Nail ✓
Pin	57 - 50	1822	136 - 26	764	15	Tree, Cement, Blaze ✓
Top	57 - 50	1341	136 - 26	793	16	No Mark. Stump. ✓
Wid	57 - 51	274	136 - 25	198	4	No Mark. W.W. ✓
Gul	57 - 50	1610	136 - 25	652	2	W.W. Cement. ✓
Ben	57 - 50	1432	136 - 25	325	12	W.W. Cement. ✓
Staf	57 - 50	1319	136 - 25	357		Tide Staff. No mark. ✓
Se	57 - 50	1258	136 - 25	876	1	W.W. Cement & nails ✓
Her	57 - 50	1074	136 - 25	809	4	W.W. Cement. ✓
As	57 - 50	1077	136 - 25	877	H.W.	W.W. Cement. ✓
Wale	57 - 50	750	136 - 26	56	40	W.W. Cement. ✓
Gun	57 - 50	894	136 - 26	122	30	W.W. Cement. ✓
Hip	57 - 50	812	136 - 25	192	H.W.	W.W. Cross on boulder ✓
Mor	57 - 50	824	136 - 25	426	H.W.	Prospector's stake, Cem. ✓
Rum	57 - 50	806	136 - 25	457	8	Banner. Cement. ✓
Op	57 - 50	666	136 - 25	273	H.W.	W.W. Cement. ✓
Gray	57 - 50	623	136 - 25	164	2	Prospector's stake, Cem. ✓
Pros	57 - 50	452	136 - 25	12	H.W.	Banner, Cement. ✓
Gran	57 - 50	246	136 - 24	808	3	W.W. Cement. ✓
Ta	57 - 50	209	136 - 25	44	1	W.W. Cement. ✓
Del	57 - 50	16	136 - 25	39	H.W.	Cement & Pebble. ✓
Sec	57 - 50	15	136 - 25	222	H.W.	Flag, Cement. ✓
Muk	57 - 49	1625	136 - 25	278	1	W.W. Cement. ✓
Cum	57 - 49	1531	136 - 25	202	H.W.	Cement & nail. ✓
Fre	57 - 49	1409	136 - 25	624	20	W.W. Cement. ✓
Bul	57 - 49	775	136 - 25	496	30	W.W. Cement. ✓
Pit	57 - 49	34	136 - 25	96	25	W.W. Cement. ✓
Tri	57 - 48	1484	136 - 25	630	20	Highest Pt. Rk. no mark. ✓
Noc	57 - 49	371	136 - 25	392	20	Cement. ✓
Leg	57 - 49	607	136 - 25	474	8	Cement. ✓
Bum	57 - 49	819	136 - 24	505	H.W.	Cement. ✓
Hunt	57 - 49	987	136 - 24	590	6	W.W. Cement. ✓
Palm	57 - 49	76	136 - 24	553	30	No mark. ✓
Tree	57 - 49	1270	136 - 23	302	25	No mark. ✓
Sil	57 - 50	568	136 - 23	56	8	W.W. Cement. ✓
Cone	57 - 50	778	136 - 22	762	3	White cone shaped Rk. ✓ No mark.
Pus	57 - 50	945	136 - 25	523	H.W.	Banner, cement. ✓

Cement in the remarks column refers to the station mark and signifies a pat of cement with "U. S. C. & G. S. 1917 P. T." stamped in it.

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. 3695

State S. E. Alaska
General locality . . Lisianski Strait
Locality Point Urey
Chief of Party . . . C. G. Quillian
Surveyed by B. C. Freeman
Date of survey . . . September, 1917
Scale 1:2,000^o.
Heights in feet above H. W.
Contour interval . . 100 feet.
Inked by . . . B. C. F. . . . Lettered by
Records accompanying sheet (check those forwarded): Photographs,
Descriptive report, Horizontal angle books, Field computations,
Data from other sources affecting sheet

Remarks: