

83
STA
1911
Q

3235

C. & G. SURVEY
LIBRARY AND ARCHIVES
JAN 17 1912
Acc. No.

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

Top Sheet No. *3235*

LOCALITY:

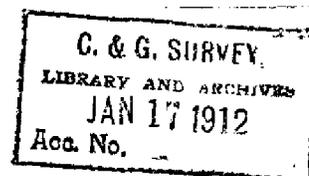
*Cook Inlet West Shore
Tupdrin Harbor*

190

CHIEF OF PARTY:

3235

3235



Descriptive Report of Tuxedni Harbor Alaska.

Tuxedni Harbor is on the western side of Cook Inlet, Alaska and is the best anchorage beyond Anchor Point. It can be identified from the outside by Slope Mountain and Chisik Island. The entrance is about 1 mile wide with flats extending about 200 yds off the S. side and rocks about 100 yds off the point of the Island.

The shores of Chisik Island are bold and precipitous and the N. W. end of the island is notable for high bluff which drops perpendicularly from the summit for a thousand feet.

The mainland shore is bluff at the entrance. Inside the harbor a glacial flat extends toward Mount Iliamna and tide flats extend over a mile off shore.

There is a sand beach on the Chisik Island side 4 miles from the entrance with an abandoned shanty near the beach. Pile foundations for a large building are also here. This is an excellent camp site during the spring. In the late summer the supply of water runs short. Vessels anchor off the cabin; and an excellent watering site for vessels is about 1/2 mile above the sandy beach.

The watering stream falls over the bluff about 40 feet high and is exceptionally clear and sparkling

Prominent Objects.

A low waterfall at the water line between signals Gabe and Small is conspicuous also the stream at signal

2.

Dime is conspicuous when abeam.

Tooth Point near signal Flag is a prominent tooth shaped rock 200 ft high and shows well from the entrance as also does the high bluff just N. W. from signal Duck.

Fossil Point is prominent from the anchorage as is also signal Tux, a large conglomerate boulder at the western end of Chisik Island.

On the northern side of the island is Duck Island or Egg Island, as it is locally known, which shows well until in range with Chisik Island after which time the most prominent mark is the water fall between signals Cup and Bowl.

Emma Hill 1670 ft high and of sugar loaf shape from the eastward, is prominent from off the entrance.

Entrance Ridge, 2689 feet high, is a prominent bare ridge and very conspicuous and will frequently be mistaken for Slope Mt when near this island.

Chisik Island is made up of a hard conglomerate with many smooth boulders embedded in it and the mainland side shows the same features.

Fossil Point is known locally by the name because a number ^{of} fossils have been found in its vicinity.

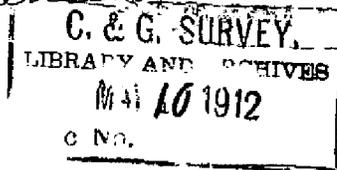
The Plane table survey was made by Mr Trueblood. A base was measured on the flats and four points completed and the geographic position and azimuth brought in from signal Hump which was located from the Inlet triangulation, the remainder of the work was executed as a plane table traverse.

C. G. Quinn

Top. 3235

20,000
 Tutuila Harbor sheet 1-10000

see other side.



| STATION | LATITUDE | | | LONGITUDE | | | |
|---------------|----------|----|------|-----------|----|------|-------------------------------------|
| | ° | ' | m. | ° | ' | m. | |
| Bar | 60 | 09 | 387 | 152 | 38 | 403 | Banner in tree on bluff. Elev 30' ± |
| Blood | | 08 | 610 | | 37 | 479 | |
| Bowl | | 08 | 125 | | 34 | 000 | Whitewashed bowl. Ed. |
| Chick | | 05 | 1030 | | 34 | 172 | Signal, top of bluff. |
| Cliff | | 06 | 566 | | 37 | 256 | |
| Cup | | 07 | 1308 | | 34 | 50 | W.W. |
| Duck | | 05 | 1831 | | 34 | 344 | W.W. on face of cliff. |
| Dime | | 05 | 848 | | 35 | 712 | " " " " |
| Dick | | 02 | 958 | | 35 | 94 | " " " " |
| Emma Hill | | | | | | | No signal. Top center. |
| Entrance Head | | | | | | | " " " " Center cone. |
| Fish | | 13 | 154 | | 37 | 496 | Tripod signal. |
| Flag | | 06 | 1239 | | 35 | 581 | " " " " Small. |
| Flat Rock | | | | | | | Determined by hydro-graphic party. |
| Gabe | | 03 | 1747 | | 34 | 55.5 | Center, top. W.W. Rk. Gable shaped. |
| Glass | | 07 | 332 | | 33 | 647 | W.W. Rk. |
| Hole | | 06 | 1225 | | 33 | 252 | Flag over hole thru rky point. |
| Line | | 01 | 1830 | | 35 | 781 | |
| Lucy | | 09 | 1580 | | 34 | 728 | W.W. on pt. of cliff. |
| Mary | | 10 | 341 | | 35 | 126 | " " " " " |
| Middle Base | | 07 | 1101 | | 40 | 177 | Plotted on base line. |
| Mut | | 05 | 1018 | | 34 | 190 | W.W. rk. at base of cliff. |
| Net | | 01 | 1370 | | 36 | 94 | |

See description of Stations see book "Description of Stations"

Inupiat Harbor. 1-10 000

(see other side)

| STATION | LATITUDE | | | LONGITUDE | | | |
|---------|----------|----|------|-----------|----|-----|--|
| | ° | ' | m. | ° | ' | m. | |
| Pat | 60 | 05 | 1571 | 152 | 33 | 583 | Trip. sig. put up by "Patterson" 1910 |
| Pi | | 02 | 1567 | | 34 | 837 | |
| Pin | | 10 | 596 | | 38 | 70 | W.W. Rk (lone) large, on sand beach. |
| Point | | 09 | 1514 | | 41 | 000 | Computed. ("Patterson" 1910) |
| Rag | | 08 | 788 | | 33 | 900 | |
| Rain | | 09 | 337 | | 40 | 842 | Cage nailed to cottonwood tree. |
| Rough | | 04 | 1447 | | 34 | 790 | Center pole sig. |
| Shrub | | 07 | 414 | | 36 | 210 | Pole signal. |
| Small | | 03 | 454 | | 34 | 800 | |
| Snug | | 06 | 644 | | 35 | 119 | Pole sig. |
| Spec | | 09 | 200 | | 34 | 307 | |
| Spike | | 06 | 874 | | 35 | 338 | |
| Spit | | 10 | 1531 | | 37 | 348 | Tripod sig. put up by "Patterson" 1910. |
| Spot | | 08 | 257 | | 37 | 254 | W.W. Boul. prom. |
| Star | | 02 | 424 | | 35 | 336 | |
| Stop | | 10 | 708 | | 35 | 630 | W.W. on face of cliff. Elev 34' |
| Ter | | 09 | 991 | | 34 | 322 | Center pole on prom. pt. Elev 30'. |
| Times | | 00 | 1448 | | 36 | 508 | Determined by hydrographic party |
| Top | | 08 | 810 | | 37 | 580 | |
| Tree | | 06 | 1286 | | 38 | 318 | Trunk of cottonwood tree |
| True | | 06 | 81 | | 36 | 305 | |
| Tux | | 09 | 1195 | | 38 | 767 | W.W. sig. on huge detached fragment of conglomerate. |
| Under | | 05 | 1751 | | 36 | 134 | |
| Wall | | 07 | 1512 | | 36 | 807 | |
| Wat | | 10 | 622 | | 43 | 906 | W.W. on face consp. rock. |
| White | | 04 | 1007 | | 34 | 685 | C.P. sig. |