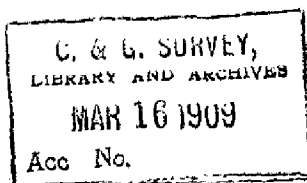


2919



Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

*O. H. Pittmann*  
Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

*Topographic*, Sheet No. *2919*

LOCALITY:

*Prince William Sound*  
*Knight Island, Inug*  
*Harbor to Lounn Passage*

1908

CHIEF OF PARTY:

*Gilbert T. Rude*

2919

2919

Descriptive Report

To

accompany Topographic Sheet No.—

~~Loran Pass to Discovery Bay,~~ Spring Harbor to Loran Passage  
 Knight Island, Prince William Sound,  
 Alaska.

1908.

Chief of Party  
 Topography by

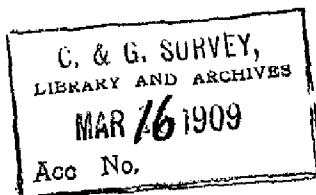
Gilbert T. Rude  
 Edwin R. Hand.

Scale 1=20,000

Method of Survey:

The coastline is controlled by the triangulation points Maupin, Knight, Hunter, At, Kni and Son, located in 1905. The first two were marked and the old signals standing, the last four are patches of whitewash, but were recovered. At signal Hunter a copper bolt was cemented into rock at place of occupation by plane table. The work was begun at signal Knight and a plane table traverse run from this point to the northward and southward.

The north shore of Bay of Isles is abrupt and difficult of occupation by plane table, so points were marked with whitewash at frequent intervals and located by intersections and shoreline sketched between.



Conspicuous mountain tops were located by intersections, height determined and 100 foot contours sketched wherever possible.

#### General Character of Coast:-

The shoreline along the whole projection is composed of rocky cliffs but comparatively easy of occupation by plane table, owing to numerous small projecting points.

#### Towns:

There are no towns within the limits of the projection but the country is all prospected and staked for copper.

#### Mountains:

The interior is mountainous, heights ranging from 1000 to 2500 feet. The most conspicuous summits were located by plane table intersections and the heights determined.

The sides of the mountains are wooded and the summits are in most cases bare and rocky and sharply defined, being easily identified.

### Islands:-

There are no islands of any size. The island at entrance to Marsha Bay is low and wooded and extends almost across the mouth of the Bay. The small islands in the Bay of Isles are wooded and less than 50 feet high.

### Bays:

The Bay of Isles deeply indents the east coast of Kluait Island, extending across the Island almost to the head of the bays indenting the west coast and is composed of three arms: "Short Arm", "South Arm", and "West Arm", the last being shown on sub-plan.

Marsha Bay is smaller, its head almost reaching through to head of South Arm, Bay of Isles. Its shoreline is somewhat similar to that on the outer coast.

### Rivers:

There are no rivers within the limits of the projection.

#### Names:

The names on the sheet are local except the names of the arms of Bay of Delia: "Short Arm", "South Arm" and "West Arm", which were supplied by party of 1908.

#### Prominent objects:

The yellow cliff on the shoreline about a mile north of the entrance to Mankha Bay is the only prominent object worth mentioning.

#### Timber or Natural Resources:

The country within the limits of the projection, except summits of mountains and hill tops, is heavily wooded with spruce timber of poor quality.

The whole area is slated for copper, but as yet no development work has been started.

#### Limits of sheet:

The sheet extends from "Fin" (marked by a copper bolt cemented into rocky point) on the south point at east entrance to Lower Pass to signal "Mal" (a former

on a tree near a lone house) on a prominent point about  
two miles north of the entrance to Snug Harbor.

Respectfully submitted,  
Gilbert T. Vander,  
Chief of Party.

2919

List of topographic Stations,

to

accompany Topographic Sheet No. —

Lower Pass to Discovery Bay,

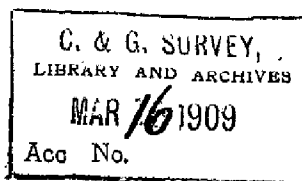
Knight Island, Prince William Sound,

Alaska.

Gilbert T. Rude

1908

Chief of Party.



| Name  | $\phi$  | M.   | $\lambda$ | M   | Description.   |
|-------|---------|------|-----------|-----|--|
| Twin  | 60° 28' | 1108 | 147° 36'  | 53  | Center of the larger of two rocks.                                 |
| Fin   | 60° 28' | 897  | 147° 37'  | 872 | See attached description   |
| Cut   | 60° 29' | 972  | 147° 35'  | 263 | Cannot be recovered, whitewash patch.                              |
| Max   | 60° 29' | 730  | 147° 35'  | 25  | " " " " "  |
| Whit  | 60° 28' | 67   | 147° 38'  | 38  | " " " " "  |
| Corv  | 60° 27' | 1374 | 147° 37'  | 667 | Center of rock about 50 meters off shore.                          |
| Nix   | 60° 27' | 962  | 147° 37'  | 750 | Cannot be recovered, whitewash patch                               |
| Sand  | 60° 27' | 467  | 147° 38'  | 895 | Light colored rock on sand beach, whitewashed.                     |
| Tuft  | 60° 26' | 1064 | 147° 38'  | 555 | Whitewash patch on top of large rock.                              |
| On    | 60° 26' | 202  | 147° 37'  | 875 | Cannot be recovered. Whitewash on rock.                            |
| Sop   | 60° 25' | 1628 | 147° 37'  | 22  | Whitewash patch, highest part of rock about 80 meters off shore.   |
| Tent  | 60° 25' | 246  | 147° 37'  | 581 | Tent on old scow on beach.   |
| Not   | 60° 24' | 1652 | 147° 38'  | 20  | Cannot be recovered.   |
| Stump | 60° 24' | 1188 | 147° 38'  | 543 | Large light stump on top of cliff with whitewash patch underneath. |

| Name  | $\phi$  | M    | $\lambda$ | M   | Description.   |
|-------|---------|------|-----------|-----|--|
| Tri   | 60° 24' | 737  | 147° 39'  | 242 | (on face of cliff)<br>Cannot be recovered. Large $\Delta$ whitewashed. |
| Step  | 60° 24' | 777  | 147° 41'  | 35  | cannot be recovered.   |
| Tree  | 60° 24' | 79   | 147° 39'  | 209 | Highest of several trees on small islet.                               |
| Rock  | 60° 23' | 1537 | 147° 39'  | 150 | Highest part of rock.  |
| Box   | 60° 23' | 1851 | 147° 41'  | 722 | Cannot be recovered, whitewash patch.                                  |
| Bluff | 60° 23' | 1130 | 147° 41'  | 58  | " " " , banner signal.   |
| Good  | 60° 23' | 545  | 147° 42'  | 325 | " " " " "  |
| Pie   | 60° 23' | 262  | 147° 43'  | 434 | " " "  |
| Gray  | 60° 23' | 359  | 147° 43'  | 910 | " " "  |
| Nut   | 60° 23' | 67   | 147° 44'  | 676 | " " "  |
| Bull  | 60° 22' | 1833 | 147° 45'  | 5   | " " "  |
| Dot   | 60° 22' | 1555 | 147° 45'  | 379 | " " "  |
| Lim   | 60° 22' | 1178 | 147° 45'  | 848 | " " "  |
| Nort  | 60° 22' | 1303 | 147° 45'  | 568 | " " "  |
| Pil   | 60° 22' | 1561 | 147° 45'  | 220 | " " "  |
| Pick  | 60° 22' | 1521 | 147° 44'  | 692 | " " "  |
| Nail  | 60° 22' | 1603 | 147° 44'  | 313 | " " "  |
| See   | 60° 23' | 12   | 147° 43'  | 772 | Middle of large rock   |
| Two   | 60° 22' | 1619 | 147° 43'  | 92  | Cannot be recovered.   |
| Man   | 60° 22' | 685  | 147° 42'  | 636 | " " "  |
| Rub   | 60° 22' | 103  | 147° 42'  | 707 | " " "  |
| Cabin | 60° 21' | 1098 | 147° 42'  | 214 | North gable log cabin  |
| End   | 60° 21' | 1105 | 147° 41'  | 782 | Cannot be recovered.   |



| Name  | $\phi$  | M.   | $\lambda$ | M.  | Description.                            |
|-------|---------|------|-----------|-----|---|
| T.G.  | 60° 21' | 1423 | 147° 41'  | 850 | Tide gauge, cannot be recovered.        |
| Sprit | 60° 21' | 1678 | 147° 42'  | 80  | Cannot be recovered.                    |
| Bug   | 60° 22' | 545  | 147° 42'  | 232 | " " "                                   |
| Log   | 60° 22' | 1306 | 147° 41'  | 761 | " " "                                   |
| Lone  | 60° 23' | 162  | 147° 41'  | 522 | Lone dead tree on small Islet.          |
| Dull  | 60° 23' | 869  | 147° 41'  | 142 | Cannot be recovered, whitewash on rock. |
| Gal   | 60° 23' | 741  | 147° 41'  | 196 | Cannot be recovered.                    |
| Bo    | 60° 23' | 104  | 147° 41'  | 40  | " " "                                   |
| Pig   | 60° 22' | 1476 | 147° 40'  | 790 | " " "                                   |
| Ban   | 60° 22' | 1169 | 147° 40'  | 818 | " " "                                   |
| Gag   | 60° 22' | 742  | 147° 40'  | 848 | " " "                                   |
| Pec   | 60° 22' | 854  | 147° 40'  | 305 | " " "                                   |
| Snow  | 60° 22' | 614  | 147° 40'  | 515 | " " "                                   |
| Pine  | 60° 22' | 1346 | 147° 40'  | 177 | " " "                                   |
| Mob   | 60° 22' | 1616 | 147° 40'  | 360 | " " "                                   |
| Mid   | 60° 23' | 365  | 147° 40'  | 68  | " " "                                   |
| Hand  | 60° 23' | 806  | 147° 40'  | 250 | " " "                                   |
| Vice  | 60° 23' | 326  | 147° 39'  | 184 | " " "                                   |
| Hol   | 60° 23' | 167  | 147° 38'  | 410 | " " "                                   |
| Low   | 60° 23' | 621  | 147° 38'  | 254 | " " "                                   |
| High  | 60° 23' | 656  | 147° 37'  | 878 | " " "                                   |
| Pup   | 60° 22' | 1373 | 147° 37'  | 490 | " " "                                   |
| Spot  | 60° 22' | 499  | 147° 37'  | 581 | " " "                                   |

| Name  | $\phi$  | M.   | $\lambda$ | M   | Description.                                |
|-------|---------|------|-----------|-----|---|
| Next  | 60° 21' | 1141 | 147° 37'  | 695 | Cannot be recovered.                        |
| Bob   | 60° 21' | 325  | 147° 38'  | 76  | " " "                                       |
| Con   | 60° 20' | 1580 | 147° 38'  | 571 | Large rock 20 meters off shore.             |
| Peep  | 60° 20' | 1000 | 147° 38'  | 609 | Cannot be recovered.                        |
| Big   | 60° 20' | 56   | 147° 38'  | 826 | S. end large rock 60 meters off shore.      |
| Non   | 60° 20' | 0    | 147° 39'  | 126 | Cannot be recovered.                        |
| Cat   | 60° 19' | 1382 | 147° 39'  | 733 | " " "                                       |
| Bald  | 60° 19' | 1155 | 147° 39'  | 730 | " " "                                       |
| Rip   | 60° 19' | 1172 | 147° 40'  | 660 | " " "                                       |
| Bon   | 60° 19' | 1677 | 147° 41'  | 15  | " " "                                       |
| Lore  | 60° 20' | 579  | 147° 40'  | 813 | " " "                                       |
| Dig   | 60° 20' | 795  | 147° 40'  | 742 | " " "                                       |
| Ned   | 60° 20' | 996  | 147° 40'  | 785 | " " "                                       |
| Hang  | 60° 20' | 807  | 147° 41'  | 6   | " " "                                       |
| Hooch | 60° 20' | 777  | 147° 41'  | 319 | " " "                                       |
| Ink   | 60° 20' | 986  | 147° 41'  | 311 | " " "                                       |
| Gun   | 60° 20' | 1277 | 147° 41'  | 420 | " " "                                       |
| Tack  | 60° 20' | 1496 | 147° 41'  | 532 | " " "                                       |
| Dock  | 60° 20' | 1478 | 147° 41'  | 748 | Center of rock                              |
| Ped   | 60° 20' | 1210 | 147° 41'  | 747 | Cannot be recovered.                        |
| Leon  | 60° 20' | 1116 | 147° 41'  | 850 | " " "                                       |
| Cliff | 60° 20' | 630  | 147° 41'  | 788 | Yellow spot on face of perpendicular cliff. |
| Kite  | 60° 20' | 326  | 147° 41'  | 744 | Cannot be recovered.                        |

| Name  | $\phi$  | M.   | $\lambda$ | M.  | Description.                                     |
|-------|---------|------|-----------|-----|--|
| Me    | 60° 19' | 1508 | 147° 42'  | 120 | Cannot be recovered.                             |
| Dog   | 60° 19' | 1008 | 147° 41'  | 704 | " " "  |
| Kooch | 60° 19' | 958  | 147° 41'  | 251 | " " "  |
| Slot  | 60° 19' | 654  | 147° 40'  | 829 | " " "  |
| Narl  | 60° 19' | 664  | 147° 40'  | 593 | Knarled tree on N. end small islet.              |
| Bee   | 60° 19' | 291  | 147° 40'  | 521 | Cannot be recovered.                             |
| Flap  | 60° 19' | 404  | 147° 40'  | 426 | " " "  |
| Tim   | 60° 19' | 240  | 147° 40'  | 275 | " " "  |
| Mar   | 60° 19' | 307  | 147° 40'  | 78  | " " "  |
| Row   | 60° 19' | 509  | 147° 40'  | 173 | " " "  |
| Must  | 60° 19' | 686  | 147° 40'  | 110 | Center of rock.                                  |
| Cross | 60° 19' | 899  | 147° 40'  | 355 | Two logs leaning against bank, thus: X (upright) |
| Tom   | 60° 18' | 640  | 147° 40'  | 634 | Cannot be recovered.                             |
| By    | 60° 17' | 1643 | 147° 41'  | 382 | " " "  |
| Mond  | 60° 17' | 1190 | 147° 42'  | 62  | " " "  |
| Wind  | 60° 17' | 612  | 147° 42'  | 160 | " " "  |
| Dope  | 60° 17' | 179  | 147° 42'  | 343 | Highest part of large rock.                      |
| Mol   | 60° 16' | 1736 | 147° 42'  | 612 | Cannot be recovered.                             |

Gilbert T. Rude

1908.

Chief of Party

*Description Topographic signal Hunter.*

Signal Hunter, on the east coast of Stuart Island, Prince William Sound, Alaska, is on the first prominent point north of the entrance to Bay of Isles.

This station was originally a large patch of whitewash on the side of the cliff at this place and was located by triangulation in 1905 and was not marked permanently. The party of 1908 recovered the whitewash patch.

The point is a perpendicular cliff with a ledge at the top, cliff and ledge covered with white moss. At the most convenient place for setting up a plane table a copper bolt (+ on top) was cemented into a rocky mound. Bolt is about 5 feet from N. edge of cliff, 8 feet from edge of cliff toward Seal Island and 10 feet from edge of cliff toward Bay of Isles, and is about 30 feet above H. W.

This bolt is only a mark for the place occupied by plane table and must not be considered as the original triangulation point.

Gilbert J. Rude,  
Chief of Party.

1908.

*Description topographic signal F17.*

The south point at the east entrance to Lower Pass, North end Knight Island, Prince William Sound, Alaska, is composed of a sloping cliff, covered with lichen, the whole cliff having the appearance of having been whitewashed.

The cliff can be easily scaled to the white patch as it consists of a number of small round knobs. At about the center of the white area a copper ball was cemented into top of one of the knobs.