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Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey *Topographic*

Field No.

Office No.

2718
2718A

LOCALITY

State

Alaska

General locality

Lower Part of

Locality

Resurrection

Bay

1905

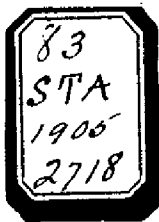
CHIEF OF PARTY

E. S. Sargent

H. J. Gillman

LIBRARY & ARCHIVES

DATE



2718

Descriptive Report

U. S. C. & G. SURVEY,
LIBRARY AND ARCHIVES,
DEC 8 - 1905
Acc. No.

Top

DEPARTMENT OF COMMERCE AND LABOR Treasury Department, U. S. COAST AND GEODETIC SURVEY. <i>O. H. Tittmann</i> Superintendent. State: <i>Alaska</i>
DESCRIPTIVE REPORT. <i>Topographic Sheet No. 2718</i>
LOCALITY: <i>Lower part of Resurrec-</i> <i>tion Bay</i>
1905 CHIEF OF PARTY: <i>E. C. Sessett</i>

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This sheet joins with the sheet embracing the upper part of Resurrection Bay.

Triangulation points are represented on the sheet by a dot surrounded by triangle. They were plotted by distances computed from the triangulation executed by me during the same season. Before a projection of this sheet can be made, the astronomical data obtained by the party of Asst. Hodgkins at Suward will have to be obtained and my triangulation computed.

The names of points, bays, islands, etc. shown on the sheet were derived partly from local authority and were partly

originated by myself and Capt. W. C. Hodgkins, the Senior Officer Present. Citizens and of Suward and masters and pilots of vessels entering Resurrection Bay were freely consulted as to nomenclature, but little satisfactory data could be obtained.

Suward is the only settlement in Resurrection Bay, and it was founded only 3 years ago, so that many prominent points

and islands have either not been named or the names given have not become established. The following names used on the sheet were found fairly well established: Fox Id., Sugar-loaf Id., and Cape Resurrection. The following were suggested by Capt. Hodgkins: Barker Id., Perkins Glacier, Cape Id., and Lt. Ho. Rock. The remaining names were originated by me.

For lack of time only a few details of hills could be sketched in. Most of the peaks were determined by triangulation and plotted on the sheet with protractor. Those so determined are marked as triangulation stations. The peaks, flags, rocks, etc. cut in with plane table are marked with dot and circle.

Plane table work in this part of the Bay was found very difficult owing to the extreme boldness of the shore in most places. Outlying rocks were used for table stations wherever found, but in many

places the table could not be set up and the sextant had to be used. The following stretches of shore line were determined by sextant angles: Fox Id., from Δ Bad around to the southward to a point 200 meters north of Δ Rug. South and West shores of Sugar-loaf Id. Baker Id., from the prominent point S. of Δ East to the mouth of the bay including the southern end of the Id., and from the S.E. point of the Id to a point 1600 meters north of Δ End. On the east mainland, from the large rock lying off shore 500 meters south of Δ Brown to the end of Cape ~~Id.~~ Resurrection, including Cape Id. On the west mainland, from Δ Extra to and including the outer part of Glacier Point.

The topography was executed by myself
May - Sept., 1905

E. C. Sarrett
Aid C. & G. Survey.

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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: Alaska

DESCRIPTIVE REPORT.

Top. Sheet No. 2718 a

LOCALITY:

Resurrection Bay

1912

CHIEF OF PARTY:

C. J. Gilliam

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DESCRIPTIVE REPORT

to accompany

ADDITIONS TO CHART No. 8538.

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The additions to Chart No. 8538 consist of determinations of elevations and sketching of contours on the east side of Resurrection Bay, and on the west side above Caines Head.

The work was done with a plane table, positions being determined from tangents and occasionally from cuts on signals still standing. The chart was taken into the field and used as a plane table sheet.

The elevation of Pk. 25 (approximate Lat. 59 53.9, Long. 149 16.9) indicated as 1205 feet on the chart was found to be in error. It is evidently wrong, because this peak is the highest point south of peak 19. The elevation determined (2050 feet) is indicated on the chart.

The statement on the chart that "both shores of the bay are heavily wooded" is somewhat misleading, as most of the shore is sparsely wooded, and parts are covered with grass. The tree line is not higher than 1000 feet. Trees and vegetation are indicated on the chart.

A rock about 2 feet high lies about 75 meters south of the point at the north side of the entrance to Thumb Cove, and is not indicated on the chart as published.

A sounding of 10 fathoms at the head of Thumb Cove is placed within the dotted area, which indicates bare at low water. This should be corrected.

Respectfully submitted
A. M. Bolieralski