Form No. 4384
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: Alaska

DESCRIPTIVE REPORT

Topographic
Hydrographic

Sheet No. 4384

LOCALITY

Resurrection Bay
Bear Glacier to near Agnes Cove

1928

CHIEF OF PARTY

R.R. Lukens
Descriptive Report
Topo. Sheet "H" 4384

Sur. Surveyor R.R. Lukens
1948

S.W. ALASKA
Resurrection Bay
West Side
Note by Chief of Party:

PORCUPINE COVE. There is a prominent white rock 30 feet high in the western entrance to this cove.

In general the shores are bold and clean along this section of the coast. The shores are wooded with the timber thinning and getting smaller in the higher altitudes. The peaks are all bare except for a few scrubby trees.

PONY BAY, a small bay a short distance to the southward of the limits of this topography was sounded out and the hydrography shown on the smooth hydrographic sheet of this area. The signals were located by the plane table working on the boat sheet direct.

BEAR GLACIER. Enough signals were located on the beach to indicate the general trend of the shore line. It is probable that there has been some change here since the last survey.

R.R. Lukens
Descriptive Report to Accompany Topographic Sheet "K"

Authority for the survey described herewith is contained in supplemental instructions to the Commanding Officer, Steamer SURVEYOR, dated June 14, 1926.

This sheet was used only to locate signals for the inshore hydrography, and to complete the form lines on the eastern side of the peaks of the peninsula. No shore line or other topographic features were located. Bear Glacier has been sketched in to indicate its approximate position only.

Survey Methods.

The majority of the signals were established by plane table cuts from triangulations stations Green, Lest, and Wash. Several signals in the coves, not visible to two of the triangulation stations were located by sextant cuts and plotted on the topo sheet. The position of all signals were checked either by a cut from a third triangulation station or by the third sextant cut.

The form lines have been made to agree as closely as possible with those shown on C & G. S. chart No. 8538 by transferring those of the latter with pantograph. Inasmuch as chart 8538 is scale 1:50,000, there may be considerable discrepancy in the connection, but it was done as closely as possible with available data and methods.

New Place Names.

<table>
<thead>
<tr>
<th>Name</th>
<th>Object</th>
<th>Reason for naming</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bull Dog Cove</td>
<td>Cove</td>
<td>Named by survey party.</td>
</tr>
<tr>
<td>Porcupine Cove</td>
<td>Cove</td>
<td></td>
</tr>
<tr>
<td>Lake Cecile</td>
<td>Lake</td>
<td></td>
</tr>
</tbody>
</table>
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No.  4384

REGISTER NO.  4384

State............................................................................................................. Alaska

General locality... Resurrection Bay

Locality... Bear Glacier to Morses Cove

Scale... 1:20,000 Date of survey... October 1928

Vessel... SURVEYOR (Wildcat)

Chief of Party... R. R. Lukens

Surveyed by... P. A. Smith and F. G. Johnson

Inked by... P. A. Smith

Heights in feet above M. H. W. to ground

Contour: Approximate contour

Form line interval... 100 feet

Instructions dated... (Supplemental) June 14 1928

Remarks: This sheet for signals and form lines only.

no shore line.