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Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
....., Director	
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State: <u>Alaska</u>	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. ^H 4384
LOCALITY	
<u>Resurrection Bay</u>	
<u>Bear Glacier to near Agnes Cove</u>	
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1928	
CHIEF OF PARTY	
<u>R.R. Lukens</u>	

Descriptive Report
Topo. Sheet "H" 4384

Str. Surveyor R.R. Lukens

1928

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
R.R. Lukens.

Descriptive Report to Accompany Topographic Sheet "H"

Authority for the survey described herewith is contained in supplemental instructions to the Commanding Officer, Steamer SURVEYOR, dated June 14, 1928.

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, Last, 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 pantagraph. 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.

Name	Object	Reason for naming.
Bull Dog Cove	Cove	Named by survey party.
Porcupine Cove	Cove	" " " "
Lake Cecile	Lake	" " " "

*Sgd. Paul A. Smith
Topographer*

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4384

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. H

REGISTER NO. **4384**

State Alaska
General locality Resurrection Bay
Locality Bear Glacier ^{near} Agnes Cove
Scale 1:20,000 Date of survey October, 192 8.
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 ~~to tops of trees~~
~~Contours: Approximate contours.~~ Form line interval 100 feet
Instructions dated (Supplemental) June 14, 192 8.
Remarks: This sheet for signals and form lines only, -
no shore line.