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Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
C. & G. SURVEY L. & A. APR 1 1927	
State: S.E. ALASKA. Acc. No.	
11-5613	
DESCRIPTIVE REPORT.	
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Topographic	Sheet No. 4257
LOCALITY:	
RED BLUFF BAY	
Baranof Island	
Red Bluff Bay	
1926.	
CHIEF OF PARTY:	
F. B. T. Siems.	

DESCRIPTIVE REPORT
to accompany
RED BLUFF BAY TOPOGRAPHIC SHEET.

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DESCRIPTIVE REPORT

to accompany

RED BLUFF BAY TOPOGRAPHIC SHEET.

The survey of Red Bluff Bay was made under the Director's supplemental instructions dated March 25, 1926. The work on this sheet extends from triangulation station RED on the south to about 400 meters north of signal END. END may be relocated as the highest part of a small bare island or rock with an elevation of 10 feet above high water.

GENERAL DESCRIPTION OF COAST: The shores are generally steep and are wooded to the water's edge except on parts of the south shore of the upper part of the bay. The peaks are in general wooded to an elevation of 1800 feet except the brick red bluffs on the north side which are practically bare on top although wooded to an elevation of 300 or 400 feet. These brick red bluffs extend from the entrance of the bay to the creek entering the bay near the cannery. The south shore of the neck has a rocky cliff about 300 feet high. There is another cliff on the south shore of the upper bay that is about 400 feet high and practically perpendicular. About 300 meters east of this cliff a fairly large stream plunges down from an elevation of about 800 feet in a series of cascades. There are extensive mud flats at the head of the bay. A small river also enters the bay at the head.

OFFSHORE DANGERS: Several rocks barring at various stages of the tide are shown on the sheet.

LANDMARKS FOR CHARTS: The bluff on the north side of the entrance to the bay is bare and of a brick red color, easily distinguishable at a distance of several miles. Red Bluff Light is shown as station LIT on the sheet. A beacon has been erected on the reef extending 100 meters offshore 200 meters west of the cannery dock. It is triangular in shape and is painted white.

METHOD OF SURVEY: A planetable and stadia were used in making this survey. Control was established by triangulation as far as the neck or the narrow part of the bay about 2/3rds of its length from the entrance. From here on, a traverse was run with a satisfactory closure which was adjusted.

ELEVATIONS: The elevations are given in feet above ordinary high water. The wooded peaks may be distinguished as

having the approximate height of trees stated below the elevation.

NEW NAMES: The peak in latitude $56^{\circ} 50.1'$, longitude $134^{\circ} 45.5'$ approximately, is known locally as Mount Farding. Its elevation is 3050.

George A. Nelson

George A. Nelson,
Topographer.

Approved:
L. Williams
Chief of Party.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

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The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. ^V 4257

State S. E. ALASKA.

General locality BARANOF ISLAND

Locality RED BLUFF BAY.

Chief of party . F. B. T. Siems.

Surveyed by . . George A. Nelson

Date of survey . June 1926.

Scale 1:10,000

Heights in feet above Ordinary high water.

Contour interval 100. . feet.

Inked by . G.A.N. . . . Lettered by . . G.A.N.

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet

Remarks: