

4156

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Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
State: <u>S.W. Alaska</u> <sup>D</sup>
11-5613
DESCRIPTIVE REPORT.
Topog. Sheet No. <u>4156</u> <sup>D</sup>
LOCALITY:
<u>Alaska Peninsula</u>
<u>Morzhovoi Bay to Thin Point</u>
<u>1926</u> <sup>5</sup>
CHIEF OF PARTY:
<u>R.F. Luce</u>

DESCRIPTIVE REPORT TO ACCOMPANY SHEET "D"  
TOPOGRAPHY FROM MORZHOVOI BAY TO THIN POINT, S.W ALASKA.

Date of Instructions: March 20th 1925.

GENERAL DESCRIPTION

The section of the coast of the Alaska Peninsula covered by this sheet consists of a series of hills and valleys that are well covered with green grass and moss in the summer months except for those peaks which are too high or too rugged for the growth of vegetation. The topographic sheet shows clearly that there are several peaks over two thousand feet in elevation, and in general these peaks are brown and rocky. The beaches are of moderate width and for the most part are covered with a mass of large rounded boulders but there is a fine broad sand beach in Sandy Cove and another stretch of level sand beach extending for four or five miles along the northern shore of Thin Point Cove.

LANDMARKS

The hills on this sheet are so well defined and are spaced far enough apart so that any of them may be easily be located on the chart by the form lines, and will serve as excellent landmarks for the navigator. Thin Point is a prominent landmark, and the 375 foot hill which is marked as triangulation station HILL on this sheet can be seen and recognized for quite a considerable distance. The detached hill on the north shore of Thin Point Cove and the 1270 foot hill over station LOW are both prominent and have the advantage that they can usually be seen even when the higher and more prominent peaks are obscured by clouds. ✓See also paragraph headed "Photographs."

ANCHORAGES

The anchorages on this sheet have not been thoroughly tested but it is likely that small vessels can anchor safely in northerly or westerly weather in the northwesterly part of Thin Point Cove. Small vessels might also find good holding ground in Sandy Cove but if the breezes blowing down the valley to the northward of the cove are brisk the anchorage might be uncomfortable. There are no anchorages in this area for southerly weather except such temporary shelter as might be afforded ships and small vessels in the lee of Amagat Island.

SURVEY METHODS.

The topography was executed in the usual method by means of a standard planetable. The location of peaks and other points whose elevations are shown on the sheet were obtained either by planetable or by sextant angles plotted in a launch anchored in sight of the terrain in question. The elevations were obtained by the measurement of vertical angles from two or more points, and from the close check obtained in this way it is doubtful that the elevations are in error as much as 10 feet. No traverse adjustments were necessary.

NEW PLACE NAMES

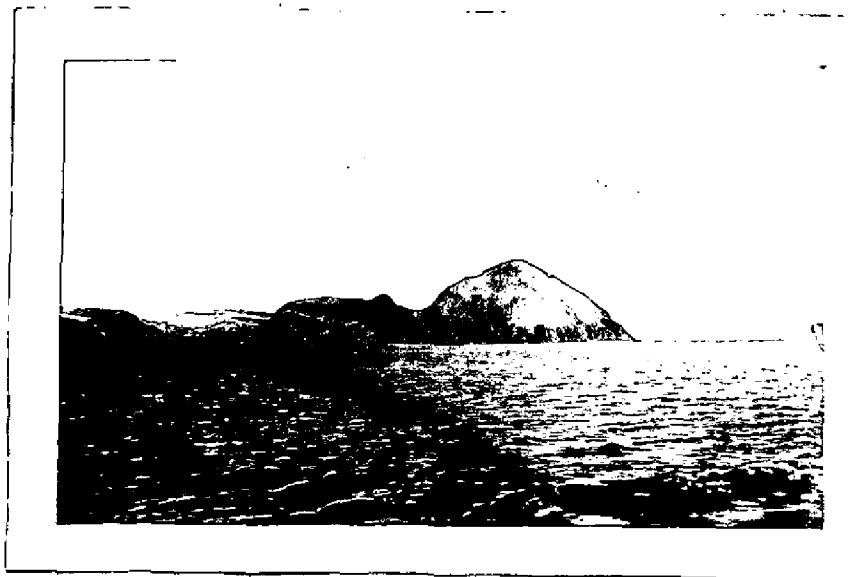
Two names appearing on this sheet not found on the present issue on the chart for this area are THIN POINT COVE and SANDY COVE. Both of these names are well-known and are generally applied to these places.

PHOTOGRAPHS.

The best known and most prominent landmark in this stretch of coast is Amagat Island, and a photograph showing a view of this island from the southwestward is attached to this report. Station NEW is on the highest point of the small black islet about three eighths of an inch from the left border of the photograph.

Approved Nov. 10, 1925.  
*Attest*  
Comdg the Prince

Sheet inspected by the Commanding Officer June 4th, 5th, and 6th, and  
September 4th 1925.



DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

4156

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. **4156**

State SW Alaska . . . . .

General locality Alaska Peninsula . . . . .

Locality Morzhovoi Bay to Tish Point . . . . .

Chief of party R. F. Luce . . . . .

Surveyed by Edward P. Morton . . . . .

Date of survey June 1925 . . . . .

Scale 1 : 20,000 . . . . .

Heights in feet above ~~Mean Sea Level~~ High water . . . . .

Contour interval 100 . . feet. *Drnell*

Inked by Edward P. Morton Lettered by S. B. G. + E. P. M. . .

Records accompanying sheet (check those forwarded): 1 Photographs, .

Descriptive report, ☒ Horizontal angle books, Field computations,

Data from other sources affecting sheet . . . . .

Remarks: Approved Nov. 10, 1925

*R. F. Luce*  
*Comdg. Lt. Pioneer*