

6993

Graphic Control

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Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. SU-J-45 Office No. T-6993

LOCALITY

State ALASKA

General locality ALEUTIAN ISLANDS

Locality AMATIGNAK AND ULAK ISLANDS

194 5

CHIEF OF PARTY

C.D. MEANEY, Comdg. Ship SURVEYOR, 1945

LIBRARY & ARCHIVES

DATE APR 19 1946

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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. SU-J-45

REGISTER NO. T-6993

State ALASKA

General locality ALEUTIAN ISLANDS

Locality AMATIGNAK AND ULAK ISLANDS

Scale 1:20000 Date of survey August & Sept., 1945

Vessel SURVEYOR

Chief of party C.D. MEANEY, Commanding Ship SURVEYOR, 1945

Surveyed by Henry H. Fortin

Inked by Henry H. Fortin

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet
3 February, 1938; 16 April, 1943;

Instructions dated & 1 February, 1944, 19____

Remarks: Graphic Control

DESCRIPTIVE REPORT TO ACCOMPANY

TOPOGRAPHIC SHEET SU-J-45

AMATIGNAK & ULAK ISLANDS

INSTRUCTIONS:

This survey was executed under the general instructions for Project CS-218 dated February 3, 1938; supplemental instructions dated April 16, 1943 and February 1, 1944, and instructions issued by Capt. F.B.T. Siems dated May 5 and 28, 1945.

PREVIOUS SURVEY:

No previous topographic survey was executed in this area.

GENERAL:

Work was limited to the location of hydrographic signals on the Southwest shoreline of Ulak Island and the shoreline of Amatignak Island between Knob Point and the Northeast end of Amatignak Island.

That part of the shoreline on Ulak Island covered by this survey has a sharp rocky bluff line rising abruptly 80 to 100 feet from the storm water line. However, when once scaled a rather flat mesa land is encountered.

In contrast, that part of the shoreline on Amatignak Island covered by this survey, rises in a steep incline to numerous mountain peaks ranging from 800 to 1700 feet in height.

Strong tidal currents may be encountered in Ulak Pass.

816

Kelp was not so pronounced in this area as further to the north in the Delarof Group of islands.

CONTROL:

Triangulation control was executed in 1944. Stations Tan, Ulak and Rog were recovered. Station Knob, 1945, was established by one direction from station Rog and one set 6 D & R from station TAN.

Permanent topographic bronze disc stations Açe, Tar, Pot, Sow and Lit, which were established in 1944, were recovered in 1945. Two new topographic standard bronze disc stations, Map and Two, were established in 1945. Topographic station Nag, 1944, was not recovered although a thorough search was made for it. Station Map, 1945, was established in the same vicinity. All the above stations were described on form 524.

METHODS:

Standard equipment and graphic control survey methods were employed. All offlying rocks and topographic signals were located by intersection of three or more cuts or checked by a combination of cuts and stadia rod readings. The elevations of rocks were estimated.

8052

PLACE NAMES:

1. A board cabin is located at the head of Ulva Cove and can readily be used for shelter. The name Ulva was suggested for the cove on account of the large quantities of Ulva type Kelp found at the head of the cove. ✓
2. Ulak Pass is the name suggested for the pass between Amatignak and Ulak Islands. *Shown on T-8052* ✓X
3. Three Tanadak Islands are listed in Section B of "Geographic Names In The Coastal Areas of Alaska". It is suggested that this name be changed to Fucus Island. This is the marine name of the type of kelp which grows in large quantities around this island. Not used. Not approved. ✓ 814
4. Hasgox Point is the name suggested for the prominent point at the south end of Ulak Island. The name is of Aleut origin and is the thrower of the sea otter spear. *Shown on T-8052* ✓X
5. Knob Point is the name suggested for the prominent point S.E. of Ulva Cove. A very prominent knob like hill is located near this point. *(On Amatignak)* ✓X

AIR PHOTOS:

Five lens air photography were used for the inspection of Ulak Island, and single lens for Amatignak Island by personnel from the DERICKSON in 1944 and supplemented by the SURVEYOR personnel in 1945. These photographs will be mailed to the Washington Office in the near future with a separate report.

Respectfully submitted,

Henry O. Fortin

HENRY O. FORTIN

Lt. Comdr., C. & G. Survey

Approved:

C.D. Meaney

C.D. MEANEY

Lt. Comdr., C. & G. Survey

Comdg. Ship SURVEYOR

The present survey has been compared with contemporary hydrographic surveys. No further review by the Hydrographic Survey Section is considered necessary at this time.

R.H. Cavatone

3/30/47

*Notes in blue ink by Sm
19 Oct. 1949*

GEOGRAPHIC NAMES

Survey No.

T6993

Graphic Control

Name on Survey

On Chart
No.

On previous survey
No.

On U. S. quadrangle
Maps

From local
information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

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