

6991

Graphic Control

Diag'd. on Diag. Cn. No. 8863-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. SU-H-45 Office No. 7-6991

LOCALITY

State ALASKA

General locality ALEUTIAN ISLANDS

Locality ULAK ISLANDS

194 5

CHIEF OF PARTY

C.D. MEANEY, Commanding Ship SURVEYOR

LIBRARY & ARCHIVES

DATE APR 19 1946

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Graphic Control

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-H-45

REGISTER NO. 631

State ALASKA

General locality ALUTIAN ISLANDS

Locality ULAK ISLANDS

Scale 1:20000 Date of survey Sept., 1945

Vessel SURVEYOR

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

Surveyed by Robert H. Brown

Inked by Robert H. Brown

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated 3 February, 1938: 16 April, 1943;
and February 1, 1944., 19____

Remarks: Graphic Control

DESCRIPTIVE REPORT TO ACCOMPANY

TOPOGRAPHIC SHEET SU-H-45

Ulak Island

INSTRUCTIONS:

This survey was executed under the general instructions for Project C.S. 218 dated February 3, 1938 and supplemental instructions dated April 16, 1943 and February 1, 1944. ✓

PREVIOUS SURVEY:

No previous topographic survey was executed in this area. ✓

GENERAL:

Work consisted of locating hydrographic signals on Ulak Island except for a small area on the southwest side of the Island. This section is covered by topographic field sheet SU-J-45. 7-6993(1945)

Ulak Island along the southeast side from Hasgox Point to Patton Cove has a sharp rocky bluff line, rising abruptly at the storm water line to a height of from 50 to 100 feet. At the top of the bluff line there is a tundra covered gentle slope rising to the highest points of the Island (about 560 feet). ✓

In Patton Cove from the head of the cove and along the Northwest side of the cove the land slopes gently from the storm water line up to the highest points of the Island. ✓

The northeast side of the Island is quite rugged and rises abruptly at a steep incline which in sections is sheer bluff. In this area the highest point of the Island is found approximately 1/4 of a mile from the shoreline. 816 ✓

The northwest and west side of the Island is very similar to the southeast side. ✓

In elevation, Ulak Island is saddle shaped as there is relatively low section between Pratt Cove and Patton Cove. The north end of the Island rises in headlands and peaks. The south end has fewer peaks and is of lower elevation. ✓

Ulak Island has no large kelp fields as do the Islands farther to the north in the Delarof Group. The most marked kelp growth is south of Pratt Cove between Tanadak Island and Ulak Island. ✓

Tanadak Island is a small, flat, low lying tundra covered and rocky island. The island is surrounded by small kelp patches which become most concentrated on the south side. ✓

CONTROL:

Triangulation control was executed in 1944. Stations DOC, MESA, ULAK, BLUFF, ROG and TAN were recovered. ✓

Standard bronze disk topographic station mark Gab was recovered as established in 1944. Three new topographic standard bronze disk stations were established at Joe, Lord, and Mik in 1945.

METHODS:

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

PLACE NAMES:

1. Dinkum Point is the name suggested for the prominent point north of Patton Cove. This name was suggested as Dinkum followed by the correct numeral, was the voice call of the various Coast Survey vessels operating in the Alaskan Area for the 1945 field season.

2. Pratt Cove is the name suggested for the cove on the west side of Ulak Island.

3. Patton Cove is the name suggested for the cove on the south-east side of Ulak Island.

4. Hasgox Point and Tanadak Island (Fucus Island) place names are described in the descriptive report for field sheet SU-J-45.

AIR PHOTOS:

Five lens air photographs were used for the inspection of Ulak Island by personnel from the Ship DERICKSON in 1944 and by Ship SURVEYOR personnel in 1945.

Respectfully submitted

Robert H. Brown

ROBERT H. BROWN
Lieut. (j.g.), C. & G. Survey

APPROVED:

C.D. Meaney
C.D. MEANEY
Lt. Comdr., C. & G. Survey
Comdg. Ship SURVEYOR

This graphic control survey has been compared with contemporary hydrographic surveys. No further review by the Hydrographic Survey Section is considered necessary at this time.
R.H. Carstens
3/20/47

GEOGRAPHIC NAMES

Survey No.

T6991

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

Name on Survey

A

B

C

D

E

F

G

H

K

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