

7050

Graphic Control

Diag'd. on Diag. Ch. No. 8556-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. SU-B-47 Office No. T-7050

LOCALITY

State Alaska

General locality Alaska Peninsula

Locality Puale Bay

194 7

CHIEF OF PARTY

LIBRARY & ARCHIVES

DATE APR 30 1947

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Graphic Control

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

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-B-47

REGISTER NO. T-7050

State Alaska

General Locality Alaska Peninsula

Locality Puale Bay

Scale 1:20,000 Date of Survey June to Sept., 1947

Vessel Ship SURVEYOR

Chief of party A. P. Ratti

Surveyed by K. S. Uln

Inked by K. S. Uln

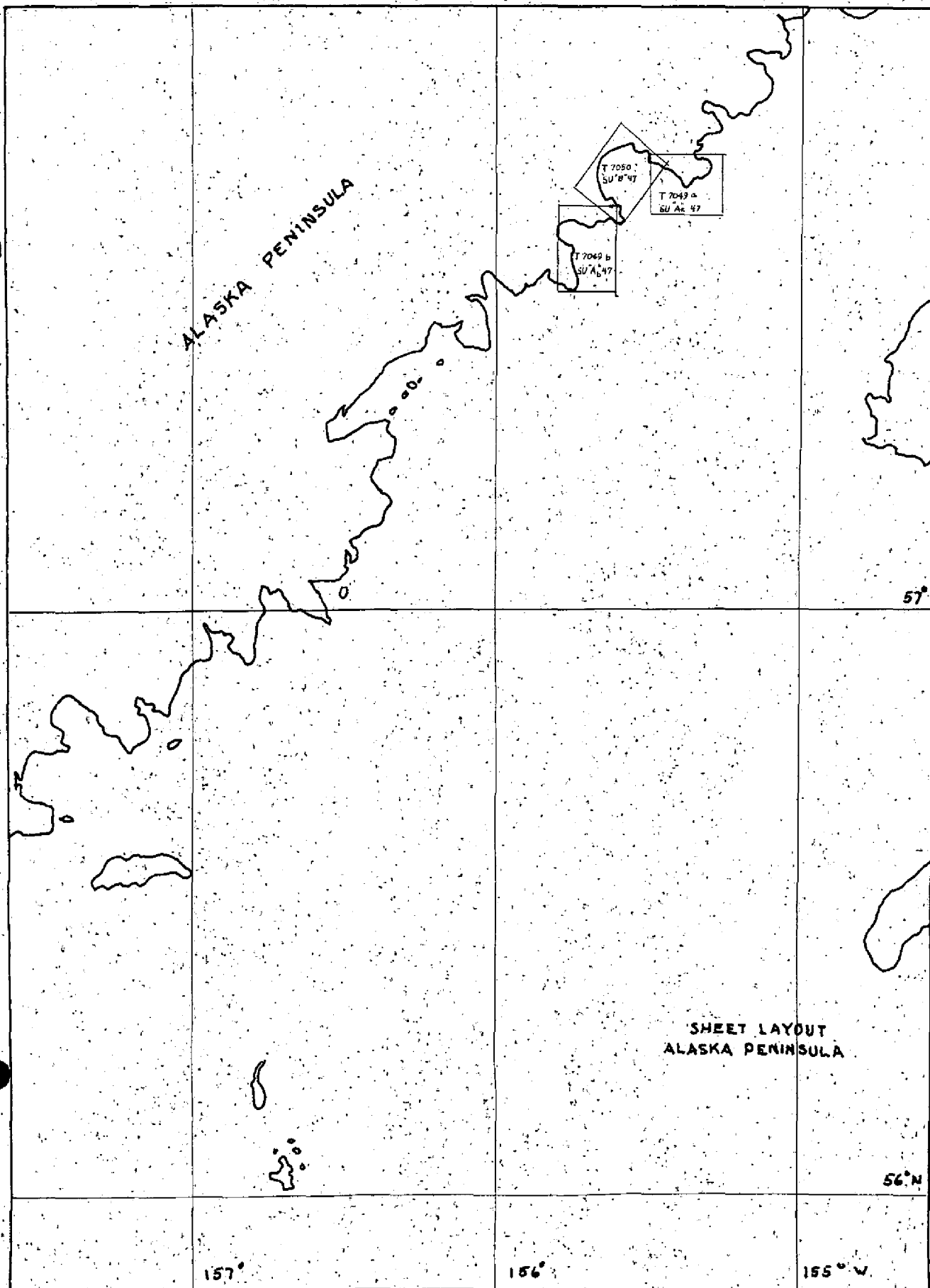
Heights in feet above mean to ground ~~to tops of trees~~

Contour, Approximate contour, Form line interval _____ feet

Instructions dated 3/19/42; 2/27/43; 3/12/43; 2/29/44; 19
3/31/47; 4/8/47.

Remarks: _____

REG. NO.
T7050
Graphic Control



DESCRIPTIVE REPORT
TO ACCOMPANY
TOPOGRAPHIC SHEET T-7050
USC&GSS SURVEYOR

A. P. Ratti, Commander, C&GS
Chief of Party

AUTHORITY:

Authority for this survey was the Director's Instructions and Supplemental Instructions dated as follows:

Project CS-279

To:	Date
Commanding Officer, Ship EXPLORER	19 March 1942
Commanding Officer, Ship EXPLORER	27 February 1943
Commanding Officer, Ship EXPLORER	12 March 1943
Commanding Officer, Ship WESTDAHL	29 February 1944
Commanding Officer, Ship SURVEYOR	31 March 1947
Commanding Officer, Ship SURVEYOR	8 April 1947

LIMITS:

The sheet extends north from triangulation station CAPE 1947, Latitude $57^{\circ} 39'52''$ Longitude $155^{\circ} 35'60''$ to hydrographic signal REX, Latitude $57^{\circ} 44'21''$, Longitude $155^{\circ} 28'03''$.

A junction with topographic sheet T-7049b was made at triangulation station CAPE-1947 on Cape Aklek. Junction with topographic sheet - T-7049a is made at hydrographic signal REX.

CONTROL:

The control for this survey was furnished by third order triangulation executed by this vessel during the season.

SURVEYING METHODS:

Signals and shoreline were located by intersection, resection, and stadia readings. No traverses were run on the sheet. Standard practice was followed throughout the sheet.

In accordance with instructions, signal location was given priority and only that shoreline and detail that could be rodded in without additional planetable- set-ups was located. Adverse weather conditions prevented location of detail in the vicinity of triangulation station CAPE 1947.

GENERAL DESCRIPTION OF THE COAST:

Cape Aklek is a bold-head-land with steep rocky mountainous slopes to the beach. These beaches are narrow with large boulders and gravel. Boulder and reefs extend off the beaches and make landing in small boats difficult. Triangulation station JOE 1947 is on a small rocky grass-covered point about thirty feet above high water. North of this point is a small bight with a small waterfall (signal BET) which ran dry in the latter part of August this year.

From signal GAG to signal KEY there is a sand beach with sand dunes a short distance inshore from high water. Signals from HOE north to JIB are located on top of sand dunes which are from twenty-five to forty feet above high water. There is rock outcropping in the vicinity of Signal KED.

From signal KEY north to signal LUX there are high vertical rock cliffs with very little if any beach at high water.

At the head of the bay there is a long sand beach with sand dunes in the vicinity of triangulation station PORTAGE. There is a rock outcropping in the vicinity of signal MOO. There is a large lagoon at the northwest end of the bay which is dry at low water.

On the northeast side of the bay there are vertical rock cliffs about fifty to seventy feet above high water.

The points on which triangulation station HELEN and signal REX are located are grass covered rocky points about fifty five feet above high water. There is a sand beach at the head of the bight between these points.

There are several small streams varying from 5 to 30 meters in width emptying into the bay. None of these streams are navigable.

GEOGRAPHIC NAMES: *814*

The geographic names that appear on Chart No. 8556 are adequate.

LANDMARKS:

Hydrographic signal PUT is a prominent waterfall and should be charted. See separate report, Landmarks to Charts.

Chart letter 399 (1948)

COMPARISON WITH PREVIOUS SURVEYS:

No previous planetable surveys have been made of the area. In comparison with air photo compilation Sheet 1, C.S. No. 316, the general delineation of the shoreline and detail is good. However, the shoreline on the air photo compilation is from seventy to one hundred meters west of the charted position as shown on this sheet.

MAGNETIC OBSERVATION:

Declinatoire observation was made at triangulation station PORTAGE 1947.

Observations for standardization of declinatoire No. 107 were taken at Magnetic Station Inglewood-1940, Seattle, Washington on 18 November 1947. The results of the observations were forwarded to the Washington Office.

STATISTICS:

Number of hydrographic signals located - - - - -	73
Statute miles of shoreline - - - - -	9.9

Respectfully submitted,

Kenneth S. Ulm

Kenneth S. Ulm
Lt. Comdr., C&GS

Approved and Forwarded,

A. P. Ratti

A. P. Ratti
Commanding, Ship SURVEYOR
Commander, C&GS

This graphic control survey has been compared with contemporary hydrographic survey H-7195 (1947). No further review by the Hydrographic Surveys Section is necessary at the present time.

J. A. Winmore

3/13/53

GEOGRAPHIC NAMES

Survey No.

T7050

~~Geographic Names~~

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

A

B

C

D

E

F

G

H

K

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