

# 7091

Graphic Control

Diag. Cht. No. 8865-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. PI-A-52 Office No. T-7091

### LOCALITY

State ALASKA - Aleutian Islands

General locality Shemya Island

Locality Alcan Harbor

194 52

CHIEF OF PARTY

Thos. B. Reed CDR.

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DATE APR 15 1953

B-1870-1 (1)

# 7091

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. PI-A-52

REGISTER NO.

State ALASKA - Aleutian Islands

General locality Shemya Island

Locality Alkan Harbor

Scale 1:2500 Date of survey 7 Aug to 8 Aug, 1952

Vessel PIONEER

Chief of Party Thos. B. Reed

Surveyed by H.C. Applegquist  
HCA & KAM and K.A. MacDonald

Inked by KAM K.A. MacDonald

Heights in feet above \_\_\_\_\_ to ground to tops of trees

Contour, Approximate contour, Form line interval \_\_\_\_\_ feet

Instructions dated 25 July 1952, 19\_\_\_\_

Remarks: \_\_\_\_\_

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET PI-A-52

Project CS-343

Field season 1952

Ship PIONEER

Thos. B. Reed, Chief of Party

Alcan Harbor, Shemya Island, Alaska.

INSTRUCTIONS

The survey is in compliance to instructions dated 25 July 1952.

LIMITS AND DATES

This survey was made for the purpose of locating hydrographic signals within Alcan Harbor. The field work was begun 7 Aug. 1952, and was completed 8 Aug. 1952.

CONTROL USED

The following triangulation stations were used for locating and orienting the plane table: ALCAN, 1947; HECP, 1947; H-5 (USE), 1944, r. 1947; A-7 (USE), 1944, r. 1947; COVE (USE), 1944, r. 1947.

SURVEY METHODS

The plane table set-up positions were located by three point fixes. All signals were located by cuts except the range signals which were laid off by tape from two points located in line with the edge of the dock. These two points were determined by three point fixes. The shore line was located by rod readings.

CONTROL OF HYDROGRAPHY AND PIPE DRAG

Signals were located at suitable intervals for three point fix control. Six ranges, A to F, were established parallel to the edge of the dock, range A being 16 feet from the dock and the succeeding ranges spaced at 20 foot intervals.

Respectively submitted

*K. A. Mac Donald*

K. A. Mac Donald  
Ens. C&GS

Approved and Forwarded

*Thos. B. Reed*

Thos. B. Reed  
CAPT. C&GS  
Comdg. Ship PIONEER

DIVISION OF CHARTS

REVIEW SECTION - NAUTICAL CHART BRANCH

REVIEW OF TOPOGRAPHIC SURVEY

REGISTRY NO. T-7091

FIELD NO. PI-A-52

Alaska-Aleutian Islands, Shemya Island Alcan Harbor

Instructions dated - July 25, 1952

Surveyed in August 1952

Scale 1:2,500

Graphic Control

Aluminum Mounted

Chief of Party - T. B. Reed

Surveyed by - K. A. MacDonald and H. C. Applequist

Inked by - K. A. MacDonald

Reviewed by - I. M. Zeskind, 9 June 1953

Inspected by - R. H. Carstens

1. This graphic control survey was made to provide control for hydrographic survey H-7994 (1952), and to show revisions to the shoreline and piers.
2. The graphic control survey has been applied to H-7994.
3. The shoreline and pier revisions have been applied to the chartlet attached to Chart 9125 print date 6-30-52.
4. No observations were made for magnetic declination.

I. M. Zeskind  
9 June 1953

Inspected by - R. H. Carstens

## NAUTICAL CHARTS BRANCH

SURVEY NO. T.7091

### Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.