

6986

Diag. Cht. No. 8860-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. SU-B-45 • Office No. T-6986

LOCALITY

State ALASKA

General locality COLD BAY - ALASKA PENINSULA

Locality LENARD HARBOR

1945

CHIEF OF PARTY

C.D. MEANEY, Commanding Ship SURVEYOR

LIBRARY & ARCHIVES

DATE JAN 22 1946

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. T-6986

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-45

REGISTER NO. T-6986

State Alaska

General locality Cold Bay, Alaska Peninsula

Locality Leonard Harbor

Scale 1-10000 Date of survey Apr. & May, 1945

Vessel SURVEYOR

Chief of party C.D. Meaney

Surveyed by W.R. Porter

Inked by W.R. Porter

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated April 20, 1945

Remarks: _____

Shoreline and signals for Special 1/5000 chart.

Descriptive Report

to Accompany

Topographic Sheet No. T-6986 (SU-B-45)

Lenard Harbor, Cold Bay, Alaska Peninsula

1945

Scale - 1 - 10000

Chief of Party - C.D. Meaney, Commanding Ship SURVEYOR 1945

Field Work by - Wilbur R. Porter

Instructions:- This survey was made at the request of the U.S. Navy. Instructions were received at Dutch Harbor April 20, 1945. Written Instructions were issued by the U.S. Navy May 4, 1945.

Purpose:- A special survey of shoreline and beaches to be used in practice landings by the Navy was requested. Complete shoreline of the harbor was needed to furnish data for a chart on a scale of 1 to 5000. Signals were necessary for the hydrographic survey.

Controls:- The positions of triangulation stations WILD, BOL, and BAKRE were available at the time of the survey. The position of triangulation station DUB was obtained from topographic survey H-6985. (1945)

Methods:- The topography was done on an aluminum mounted sheet using standard methods. Only the shoreline, signals, and dangers to navigation were located. A complete topographic survey of this area had been made previously. T-4080 (1924)

Place names:- None

Respectfully submitted,

Wilbur R. Porter

WILBUR R. PORTER

Lt. Cmdr., C. & G.S.

Approved:

C.D. Meaney

C.D. MEANEY

Lt. Cmdr., C. & G. Survey

Comdg. Ship SURVEYOR

DIVISION OF CHARTS

REVIEW SECTION - NAUTICAL CHART BRANCH

REVIEW OF TOPOGRAPHIC SURVEY

REGISTRY NO. T-6986

FIELD NO. SU-B-45

Alaska, Cold Bay, Lenard Harbor
Surveyed in April - May, 1945 Scale 1:10,000
Instructions issued by U. S. Navy, May 4, 1945

Planetable Survey

Aluminum Mounted

Chief of Party - C. D. Meaney
Surveyed by - W. R. Porter
Inked by - W. R. Porter
Reviewed by - R. H. Carstens, August 29, 1947
Inspected by - H. W. Murray

1. Adjoining Surveys

An adequate junction was made with T-6985 (1945) on the southeast. No contemporary surveys join the present survey on the west. In this area, the charted shoreline from T-4080 (1924) is in excellent agreement with the present survey.

2. Comparison with Prior Surveys

T-4080 (1924) 1:20,000

The prior shoreline is generally in good agreement with the present survey. There are, however, minor differences which are probably due to interpretation and sketching, or changes in the beach line.

The present survey is adequate to supersede this prior survey for charting of the area.

3. Comparison with Chart 8703 (Latest print date 11/2/46)

a. Topography

The charted topography originates with the previously discussed survey which needs no further consideration.

b. Magnetic Meridian

The present survey value of the magnetic meridian is in substantial agreement with the charted value. The correction if any, for the declinatoire is not known.

4. Condition of Survey

The survey was neatly inked and conforms to the requirements of the Topographic Manual.

The Descriptive Report is adequate.

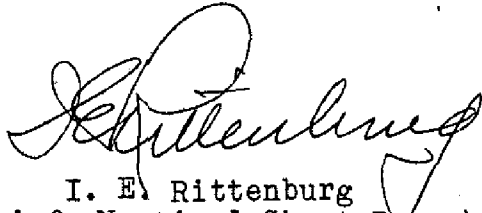
5. Compliance with the Project Instructions

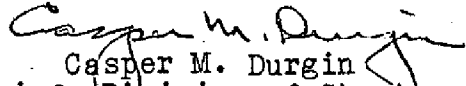
Project instructions were issued by the U. S. Navy. Compliance with these instructions is adequate.

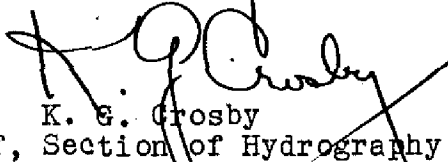
6. Additional Field Work Recommended

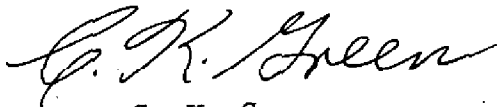
This is an excellent survey and no additional field work is recommended.

Examined and approved:


I. E. Rittenburg
Chief, Nautical Chart Branch


Casper M. Durgin
Chief, Division of Charts


K. E. Grosby
Chief, Section of Hydrography


C. K. Green
Chief, Division of Coastal Surveys

GEOGRAPHIC NAMES

Survey No.

T6986

Name on Survey

A

B

C

D

E

F

G

H

K

Alaska

1

Gold Bay

2

Lenard Harbor

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Names underlined in red approved

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by L. HECK on 9/2/47

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NAUTICAL CHARTS. BRANCH

SURVEY NO.

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.