

7119

Graphic Control

Diag'd. on Diag. Ch. No. 8864-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Graphic Control

Type of Survey

TOPOGRAPHIC

Field No. EX-F-48

Office No. T-7119

LOCALITY

State ALASKA

General locality ALEUTIAN ISLANDS

Locality SOUTHWEST END KISKA ISLAND

1948

CHIEF OF PARTY

F. B. T. Siems

LIBRARY & ARCHIVES

DATE

MAR 16 1949

B-1870-1 (1)

7119

Graphic Control

MAR 16 1949

Form 537a
Ed. Nov. 1929

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. EX-F-48

REGISTER NO.

State ALASKA

General Locality ALEUTIAN ISLANDS

Locality SOUTHWEST END KISKA ISLAND

Scale 1:10,000 Date of survey June, 1948

Vessel USC&GSS EXPLORER

Chief of party F. B. T. Siems

Surveyed by Ralph L. Pfau

Inked by G. C. Mast

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Original - 3 February 1938

Instructions dated Suppl. - 10 February 1948, 19.....

Remarks:

REG. NO.

T-7119

GRAPHIC CONTROL

REVIEW OF T-7119 (1948) G.C.

Surveyed by - Ralph L. Pfau

Ship EXPLORER

This survey has been already incorporated in the manuscript of unreviewed air photographic survey T-8632 (1949). Differences with that survey are discussed in the compilation report. There are no conflicts with H-7707 (1947-49) and no further consideration by the Nautical Chart Branch is necessary.

December 22, 1950

G. F. Jordan

Inspected by: R. H. Carstens

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET FIELD NO. ^{T-7119} EX-F-48

West Coast, Kiska Island - Alaska

Project CS-218

1948

INSTRUCTIONS:

Authority for this survey is contained in the Director's Instructions dated 3 February 1938, and Supplemental Instructions dated 10 February 1948, Project CS-218.

TYPE OF SURVEY:

The purpose of this survey was the location of signals for hydrography. Shoreline detail was located around Cape St. Stephens only.

LIMITS OF SURVEY:

This survey covers that part of the shoreline of Kiska Island from the southeast point of Cape St. Stephens to the small point on the west side of the first bight on the ^{Southern} ~~North~~west coast of the island.

SCALE:

The scale of this survey is 1 : 10,000.

CONTROL:

Control for this survey was furnished by the triangulation stations HOLE 1947 and ALE 1947. These stations are on the 1927 North American Datum but their positions have not been adjusted. No projection was made. A position was arbitrarily selected for ALE 1947 and HOLE 1947 was plotted by distance from ALE 1947.

SURVEY METHODS:

The planetable was set up on ALE 1947, an azimuth line was drawn in the direction of HOLE 1947 (HOLE 1947 was later plotted by distance on this line). An uncontrolled traverse was then run to hydrographic station WASH 1947. No reliable position of WASH had been determined by hydrographic methods and therefore the traverse error could not be determined.

COMPARISON WITH PREVIOUS SURVEYS:

There are no previous surveys of this area except for relatively uncontrolled aerial surveys by the U. S. Army.

COMPARISON WITH HYDROGRAPHIC SURVEYS:

No comparison with the inshore hydrographic sheet can be made until the hydrographic sheet is smooth plotted. The signals used in hydrography were located by sextant cuts by the hydrographer. The signals on this topographic sheet must be changed in scale from 1 : 10,000 to a scale of 1 : 20,000 for the hydrographic sheet. The hydrographic cuts may then be used as a check on the topographic locations of the signals.

LANDMARKS FOR CHARTS:

There are no features in this area which should be considered as landmarks for charts.

GEOGRAPHIC NAMES:

The only name shown on this sheet is "Cape St. Stephens", which is used on present Coast Survey Charts. No other objects in this area require names.

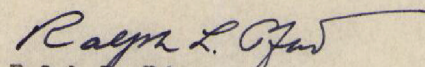
ADEQUACY OF SURVEY:

This sheet is a control sheet for hydrography and should be supplemented by aerial photographic compilation.

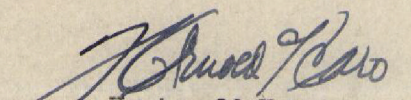
STATISTICS:

Signals were located along 3.2 statute miles of shoreline and 1.2 statute miles of shoreline were located.

Respectfully submitted,


Ralph L. Pfau
Commander, USC&GS

Approved and forwarded.


H. Arnold Karo
Commander, USC&GS
Comdg. Ship EXPLORER