### DESCRIPTIVE REPORT

**Field No.** EX-F-48  **Office No.** T-7119

#### LOCALITY

- **State:** ALASKA
- **General locality:** ALEUTIAN ISLANDS
- **Locality:** SOUTHWEST END KISKA ISLAND

#### CHIEF OF PARTY

F. B. T. Siems

#### DATE

MAR 16 1949
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 : 100,000 Date of survey ................... June, 1948.

Vessel ........................................ USCAGSS 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: ...........................................
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

C. F. Jordan

Inspected by: R. H. Carstens
DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET FIELD NO. 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 northwest 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 projec-
tion was made. A position was arbitrarily selected for ALE 1947 and
HOLE 1947 was plotted by distance from ALE 1947.

SURVEY METHODS:

The plan table 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,

[Signature]
Ralph L. Pfau
Commander, USCGS

Approved and forwarded.

[Signature]
H. Arnold Karo
Commander, USCGS
Comdg. Ship EXPLORER