DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

State: S. W. Alaska

DESCRIPTIVE REPORT
Topographic | Sheet No. G
Hydrographic

LOCALITY
Kodiak Island
Middle & Women's Bays

Original
33
19...

CHIEF OF PARTY
H. B. Campbell

U.S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES
MAY 15 1934
Applied to Chart No.

8535 (1934), 1:80,000, and

8542 (1935), 1:80,000, by James W. McGuire.

8546 (1935), 1:20,000, "James W. McGuire

8546 (Confidential), 1/10,000 by LAM. 5/11/42.
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 Letter G

REGISTER NO. 4846

State......S. W. Alaska

General locality......Kodiak Island

Locality......Women's and Middle Bays

Scale......1:20,000......Date of survey......July......1933

Vessel......Str., DISCOVERER

Chief of Party......H. B. Campbell

Surveyed by......E. C. Baum

Inked by......E. C. Baum

Heights in feet above M. H. W. to ground to tops of trees

Contour......Approximate contour Form line interval 100 feet

Instructions dated......April 21, 1932 -- March 25......1933

Remarks:......Projects Nos. HT-104 and HT-139

L. D. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT
TO ACCOMPANY
TOPOGRAPHIC FIELD SHEET "G".

U.S.C.& G.S.S. DISCOVERER
H. B. Campbell, Commanding
SEASON OF 1933

AUTHORITY
This sheet was accomplished in accordance with instructions dated April 21, 1932 and March 25, 1933.

LOCALITY
This sheet covers the area of Women's and Middle Bays, except for a small area at Cliff Point. It joins with topographic field sheet E.

GENERAL DESCRIPTION
The character of the topography is very rugged throughout the area of this sheet. Small valleys are found at the heads of Women's and Middle Bays. Irregular hills rise immediately from the beach, covered principally with grass and occasional alder bushes. The area to the westward of this sheet is very high.

LANDMARKS
Women's Bay may be identified by High and Cliff Islands, both located about 1/4 mile offshore to the north of Cliff Point.

Middle Bay may be identified by Viesoki Island, a small island, 101 feet in elevation, in the middle of the entrance to the bay.

CONTROL USED
The control was standard third-order triangulation.
CLOSING ERRORS

Topography was executed by cutting in all topographic signals, in each case orienting on the nearest triangulation station, from the opposite shore. The intersection of three or more cuts in a definite point determining the location. The shoreline between topographic stations was rodded in by setting up on or near topographic stations. In this manner it was not necessary to traverse, thereby eliminating errors. No adjustment was necessary.

FURTHER EXAMINATION

No further surveying is necessary.

STANDARD PRACTICE

Standard practice was used throughout.

JUNCTION

No discrepancies were found in joining adjacent sheets.

NEW NAMES

No new names.

STATISTICS

34.7 statute miles of shoreline
55.0 square statute miles area

DECLINATIONS

At triangulation station HIAR 25° 20'
  "   " MIDDLE 24° 03'
  "   " BUSHY 25° 56'
Mean 25° 46.3'
ELEVATIONS

All elevations are heights above M.H.W., and are to the ground in all cases.

Edwin C. Baum

Approved and forwarded:

H. B. Campbell
H. & G. Engr., Comdg.
Section of Field Records.

REVIEW OF TOPOGRAPHIC SURVEY NO. 4846 (1933)

Womens and Middle Bays, Kodiak Island, S. W. Alaska
Surveyed July 1933
Instructions dated April 21, 1932 - March 25, 1933 (DISCOVERER)

Plane Table Survey

Chief of Party - H. B. Campbell.
Surveyed by - E. C. Baum.
Inked by - E. C. Baum.

Cloth Mounted


The Descriptive Report is clear and comprehensive and satisfactorily covers all matters of importance.

Otherwise the records conform to the requirements of the Topographic Manual with the exception that scaled 1/2 meter distances were not laid off for distortion measurement.

2. Compliance with Instructions for the Project.

The survey complies with the instructions.


Satisfactory junction was made with T-4845 (1933).


a. T-2137 (1867).

This survey is a rough reconnaissance survey on 1:40,000 scale. Only a general comparison is possible.

b. T-2840 (1907).

This survey is in good agreement with the high water line of the present survey, except for occasional and minor differences in the delineation of shoreline. All rocks shown on this survey are verified on the present survey with the exceptions of two rocks awash in latitude 57°44.2', longitude 152°30', and a rock awash in latitude 57°40.95', longitude 152°27.90'. These rocks are carried forward in red on the present survey.

5. Field Drafting.

The field inking is satisfactory.
6. **Additional Field Work Recommended.**

   No additional field work is required.

7. **Superseding Old Surveys.**

   Insofar as the topography actually included on the present survey is concerned, it supersedes the following surveys for charting purposes:

   T-2137 (1867) in part
   T-2840 (1907) " "


   _C. K. Green._
   Chief, Section of Field Records.

   _F. L. Peacock._
   Chief, Section of Field Work.

   _L. O. Dolph._
   Chief, Division of Charts.

   _F. H. Lunde._
   Chief, Division of H. & T.