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Form 504 Ed. June, 1923	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
R. S. Patton Director	
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State: S. W. Alaska	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. G
LOCALITY	
Kodiak Island 4846	
Middle & Women's Bays	
Original	
19 33	
CHIEF OF PARTY	
H. B. Campbell	

Applied to Chart No. -

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

8540 (1935), 1:80,000, by James W. McGuire.

8545 (1935), 1:20,000, " James W. McGuire

8546 (Confidential) 1/10,000 by L.A.M. 5/21/42.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 4846

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 GREGISTER NO. 4846State S. W. AlaskaGeneral locality Kodiak IslandLocality Women's and Middle BaysScale 1:20,000 Date of survey July, 1933Vessel Str. DISCOVERERChief of Party H. B. CampbellSurveyed by E. C. BaumInked by E. C. BaumHeights in feet above M. H. W. to ground to tops of treesContour Approximate contour Form line interval 100 feetInstructions dated April 21, 1932 -- March 25, 1933Remarks: Projects Nos. HT-104 and HT-139

DESCRIPTIVE REPORT
TO ACCOMPANY
TOPOGRAPHIC FIELD SHEET "G".

U.S.C. & G.S.S. DISCOVERER

H. B. Campbell, Commanding

SEASON OF 1933

4846

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

DECLINATOIRE

At triangulation station PHAR	23° 20'
" " " MIDDLE	24° 03'
" " " BUSHY	23° 56'
Mean	23° 46.3'

ELEVATIONS

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

Edwin C. Baum

Edwin C. Baum,
Jr. H. & G. Engr.

Approved and forwarded:

H. B. Campbell

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

Cloth Mounted

Chief of Party - H. B. Campbell.

Surveyed by - E. C. Baum.

Inked by - E. C. Baum.

1. Condition of Records.

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.

3. Junctions.

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

4. Comparison with Prior Surveys.

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 $57^{\circ}44.2'$, longitude $152^{\circ}30'$, and a rock awash in latitude $57^{\circ}40.95'$, longitude $152^{\circ}27.90'$. 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) " "

8. Reviewed by - A. F. Jankowski, January 1935.

C. K. Green.
C. K. Green,
Chief, Section of Field Records.

Fred. L. O. Pollock.
Chief, Division of Charts.

Fred. L. Peacock
Chief, Section of Field Work.

G. H. Hude
Chief, Division of H. & T.