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21621

Form 504
Ed. June, 1928

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

State: Alaska

DESCRIPTIVE REPORT

Topographic } Sheet No. D-1935
~~Hydrographic~~ } 6426

LOCALITY

Aleutian Islands

~~Unalaska Bay~~

North End of Captain's Bay

1935

CHIEF OF PARTY

H. B. Campbell

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

APR 8 1936

Acc. No. _____

^{dated before review}
Applied to drawing, May 5 1936, of chart #9008 - S.B. Maize May 1936
" " new compilation of Chart #9007 - S.B. Maize July 1936

Applied to drawing of chart No. 8860 - S.B. Maize Dec 1936

Applied to drawing of chart No. 8802 - S.B. Maize June 1937

(extended)
Applied to new compilation of Chart No. 9007, S. Pisegari Aug. 1938

Applied to Chart Comp. 9018 - H.E. MacEwan June 29, 1939.
" " " " 9006 - J.M. A. June 1943

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

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. D - 1935

REGISTER NO. **T6426**

State ALASKA

General locality ALEUTIAN ISLANDS

Locality North End of 24 CAPTAINS BAY ~~UNALASKA BAY~~

Scale 1 : 5000 Date of survey SEPTEMBER, 1935

Vessel SHIP DISCOVERER

Chief of party H. E. CAMPBELL

Surveyed by GEORGE E. MORRIS, JR.

Inked by GEORGE E. MORRIS, JR.

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated APRIL 13, 1934

Remarks: Delineation of shore line only. Relief shown on
topographic sheet field no. H - 1935

DESCRIPTIVE REPORT
TO ACCOMPANY TOPOGRAPHIC SHEET D - 1935
NORTHERN HALF CAPTAINS BAY .

Work done under instructions Project HT 177 dated
April 13 , 1934.

a. GENERAL DESCRIPTION

The work done on this sheet is the delineation of the high and low water lines and the location of off-lying rocks. The land is mountainous and there is little or no beach. Notes are placed on the sheet to indicate the nature of the land areas immediately inside the high water line. The character of the beach is noted on the sheet.

The relief of the area covered by this sheet is shown on topographic sheet H - 1935.

b. LANDMARKS

There are no natural or artificial objects in the area covered by this sheet of sufficient prominence to be suitable for landmarks for charts.

c. CONTROL

Triangulation stations established in 1934 were used for the basic control of the sheet. Plane table graphic triangulation was used for intermediate control. All plane table set ups were made over intersection points.

d. TRAVERSE

No plane table traverse was run.

e. OFF-LYING FEATURES

Off-lying rocks were located by stadia readings on a telemeter rod held by a rodman working from a small boat.

k. NEW NAMES

A list of names for the area covered by this survey will be included in the report on topographic sheet H - 1935.

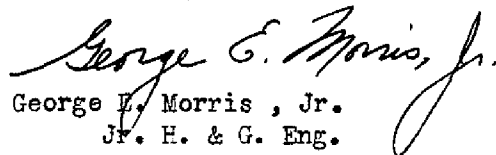
n. CHANGES

A close comparison was made as the survey progressed between the chart and the survey. In general configuration the chart agrees with the present survey. It is believed that this survey is on a larger scale and in more detail than the survey on which the chart is based so the detail differences would not indicate a great change in the shore line. There are indications that the rock bluffs in places fail from time to time and the resulting rock slides make slight changes in the shore line. The water deepens so abruptly a few meters from shore that with few exceptions any rocks which roll beyond the low water line sink to such depths that they do not become off-lying dangers. It is recommended that this

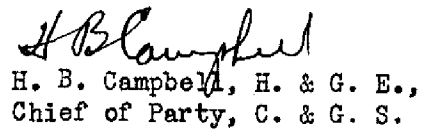
survey combined with topographic sheet H - 1935 supercede the
charted survey of the area covered by this sheet.

STATISTICS: 3.6 statute miles shore line.

Report respectfully submitted


George E. Morris, Jr.
Jr. H. & G. Eng.

Approved and Forwarded:


H. B. Campbell, H. & G. E.,
Chief of Party, C. & G. S.

Remarks


Decisions

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GEOGRAPHIC NAMES

Survey No. 6426

Name on Survey	On Chart No. 8860		On previous survey		On U. S. Quadrangle Maps 9007		From local information		On local Maps		P. O. Guide or Map Rand McNally Atlas		U. S. Light List	
	A	B	C	D	E	F	G	H	K					
Captains Bay ✓	*		✓					✓			✓			1
<u>Obernoi Pt</u> 6/25			✓					✓						2
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Names underlined in red approved
 by 
 on 4/27/36

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
 DESCRIPTIVE REPORT } No. H
 PHOTOSTAT OF } No. T 6426

{ received April 9, 1936
 { registered April 14, 1936
 { verified
 { reviewed
 { approved

This is forwarded in order that your attention may be directed to the matters as indicated below. Please initial in column 3 as an acknowledgement that your attention has been thus directed. The complete original records are available if desired. If you cannot give this your immediate attention, please initial, note, and forward to the next section marked, calling for the records at your convenience.

ROUTE		Initial	Attention called to
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C. K. Green *April 18-36*

REVIEW OF TOPOGRAPHIC SURVEY No. 6426

Title (Par. 56) *North End of Captains Bay S.W. Alaska*Chief of Party *H. B. Campbell* Surveyed by *G. E. Morris Jr* Inked by *G. E. Morris Jr.*Ship *Discoverer* Instructions dated *April 13, 1934* Surveyed in *Sept. 1935*

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.) ✓
2. The character and scope of the survey satisfy the instructions. ✓
Except that only one magnetic meridian was shown
3. The control and closures of traverses were adequate. (Par. 12, 29.) ✓
4. The amount of vertical control that the Manual specifies for ~~-contours-formlines-~~ was accomplished. (Par. 18, 19, 20, 21, 22, 23.)
See T 6430 (1935) for relief
5. The delineation of ~~-contours-formlines-~~ is satisfactory. (Par. 49, 50.)
See T 6430 (1935)
6. There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Par. 28.) *None submitted*
7. High water line ~~on marshy and mangrove coast~~ is clear and adequate for chart compilation. (Par. 16a, 43, 44.) ✓
8. The representation of low water lines, reefs, ~~coral reefs~~ and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.) ✓
9. Rocks and other important details shown on previous surveys and on the chart were verified. (Par. 25, 26, 27.)
See reverse side
10. ~~The span, draw and clearance of bridges are shown. (Par. 16c.)~~
11. Locations and elevations of summits are given. (Par. 19, 51.)
See T 6430 (1935)
12. The tree line was shown on mountains. (Par. 16g.)
See T 6430 (1935)

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.

Paragraph 9

T1950 (1867)

Topographic survey T1950 is only a reconnaissance survey on a scale of 1:40000, whereas the present survey is 1:5000. The two surveys agree only in a very general way.

T2236 (1896)

The general shore line of the present survey is in good agreement. The control for T2236 was not ~~near~~ ^{as} good as on the present survey, which shifts the general topography somewhat. The present survey is on a scale of 1:5000, whereas T2236 was on a scale of 1:10000. This increased scale permitted much more detail to be shown on the present ^{survey} (See Page 2 of the Descriptive Report).

T6426 ^{and T1950} supersedes T2236 (1896) _A in part.

Chart 9007

The present survey has not yet been applied to this chart. The chart is, no doubt, compiled from T2236 differences of which were discussed under T2236.

13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.)—
14. ~~The descriptive report also contains additional information required in aero-topography relative to type of photographs, method of compilation and type of ground control.~~
15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of IMs and DPs, 68.) *None submitted*
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) *None submitted*
17. The magnetic meridian was shown ✓ and declination was checked. ✓ (Par. 17, 52.) *Declination varies 1° to 3° in the area and adjoining surveys*
18. The geographic datum of the sheet is *Unalaska (Unadjusted)* and the reference station is correctly noted. (Par. 34.)
19. Junctions with contemporary surveys are adequate. ✓
Joins T 6425 (1935) on the South Joins T 4889 (1934) on the East
Joins T 6427 (1935) on the N.W
20. Geographic names ~~are~~ shown on the sheet and are covered by the Descriptive report. (Par. 64, 66k.) ✓
21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50.) ✓
22. No additional surveying is recommended. ✓
23. The Chief of Party inspected and approved the sheet and the descriptive report after review by ✓
24. Remarks: *All relief work for this area was executed on T 6430 (1935)*

Reviewed in office by *Chas. R. Bush Jr.* June 8, 1936.

Examined and approved:

F. H. Green
 Chief, Section of Field Records

L. O. Lobert
 Chief, Division of Charts

Fred. L. Peacock
 Chief, Section of Field Work

G. H. Hude
 Chief, Division of Hyd. and Top.