

6764

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Form 504 Rev. April 1935	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. A-1940 T 6764
U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES JAN 14 1941 Acc. No.	
State S. W. Alaska	
LOCALITY S. W. Alaska Peninsula King Cove	
1940 CHIEF OF PARTY L. D. Graham	

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. A-1940

T6764

REGISTER NO.

T 6764

4

State S.W. Alaska

General locality S. W. Alaska Alaska Peninsula

Locality King Cove

1:10,000 &

Scale 1: 5,000

Date of survey May, 1940

Vessel DISCOVERER

Chief of party L. D. Graham

Surveyed by E. F. Hicks, Jr.

Inked by E. F. Hicks, Jr.

Heights in feet above Mean High Water to ground to tops of trees

Contour, Approximate contour, Form line interval — feet

Instructions dated March 18, 1938, April 6, 1939, 19—

Remarks: Control from 1925 positions of
triangulation stations. See Desc. Report

DESCRIPTIVE REPORT

To Accompany

Topographic Sheet A-1940 (T6764)

Project HT-219

King Cove, Alaska.

I Instructions

The work on this sheet was done in accordance with instructions dated March 18, 1938 and supplemental instructions dated April 6, 1939. ✓
Field work was started May 2, 1940 and completed May 22, 1940.

II Limits

This survey covers outer King Cove harbor and approaches between longitudes $162^{\circ}-17'$ W. and $162^{\circ}-21'$ W., the village of King Cove, and the inner harbor to approximately latitude $55^{\circ}-04'$ N. ✓

III Control

The control for this survey was furnished by four triangulation stations, ROAD, HIT, RADIO, and HUF established in 1925. The 1925 locations were used and no appreciable discrepancy was noted. These stations were later tied in to the new second-order triangulation through Deer (Island) Passage. ✓

IV Methods

Standard Coast Survey methods were used throughout. There was sufficient control so that no long traverses were necessary. Resection methods and three point fixes were mainly used. ✓

No attempt was made to revise existing form lines. ✓

The village of King Cove and the lagoon West of the village was surveyed on a scale of 1:5,000 in order to show the detail in the village and to facilitate the hydrographic development of the channel. ✓

into the inner harbor. This survey is shown on the sheet as an insert. ✓

The points where rod readings were taken are shown by black dots in the shore line. ✓

V Character of the Terrain.

With the exception of the Spit on which King Cove is located and the lagoon West of the Spit, the shore line is generally rocky with large boulders along the high water line with steep grass-covered slopes rising sharply from the high water line. Along the Spit and lagoon, the shore line is generally covered with small rocks or gravel. ✓

VI Aids to Navigation.

No floating aids to navigation are in the harbor. Topographic signal HOUSE is the lighthouse on Morgan Point. The signal was located by topography for hydrographic work but was later cut in by triangulation and a topographic station card was not submitted for it. Other objects which may aid navigation are shown on list of landmarks for charts which is attached to this report. ✓

Triangulation
position
added to
survey.

VII Geographic Names.

The creek on the East side of the harbor is known locally as RAMS CREEK and it is recommended that this name be charted. The source of information for this name was the Postmaster, the Superintendent of the cannery and several others of the village. ✓

VIII Comparison with Previous Surveys.

A copy of the 1925 topographic sheet was not available, but the shore line was compared with that obtained from a photostat of the 1925 hydrographic sheet, registry number H-4492. The 1925 survey was on a scale of 1:20,000, while the 1940 survey was on a scale of 1:10,000 and 1:5,000, hence more detail may be shown and apparent discrepancies appear. ✓

Par. 2.
Rev.

However, in general the recent survey very closely followed the old survey with the following exceptions:

The shore line at the mouth of Rams Creek has changed approximately seventy-five meters, but this change may be expected being at the mouth of a creek, and on the West side there are a few changes of twenty to thirty meters, but they probably are mainly caused by difference of scales, distortion of photostat and differences in estimating high water line.

IX Statistics.

Statute Miles Shore Line-----	5.3
Statute Miles Lake Shore Line-----	0.4
Area Square Statute Miles-----	0.8

Respectfully submitted

E. F. Hicks Jr.
E. F. Hicks, Jr.
Jr. H. & G. E.

Approved & Forwarded

L. D. Graham
L. D. Graham
H. & G. E.
Commanding DISCOVERER

Remarks

Decisions

1		550 620
2		"
3	See P.R H6592 for origin.	"
4		"
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GEOGRAPHIC NAMES

Survey No. **T6764**

GEOGRAPHIC NAMES											
Survey No. T6764											
Name on Survey											
	A, On Chart No.	B, On previous survey No.	C, On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K		
King Cove										1	
Morgan Point										2	
Ram Creek										3	
King Cove Lagoon										4	
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Names underlined in red approved

L. Heck 2/18/41

M 234-18

Names underlined in red approved
by L. Heck off 2/18/41

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
PHOTOSTAT OF

~~xxxxxx~~

No. T T6764

received Jan. 14, 1941
registered Jan. 15, 1941
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.

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RETURN TO

82	T. B. Reed
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✓ *TBR*

SURVEYS SECTION

REVIEW OF TOPOGRAPHIC SURVEY NO. 6764 (1940) FIELD NO. A-1940

S. W. Alaska; Alaska Peninsula; King Cove
Surveyed in May 1940, Scales 1:5,000 and 1:10,000
Instructions dated May 18, 1938; April 6, 1939 (DISCOVERER)

Plane Table Survey

Aluminum Mounted

Chief of Party - L. D. Graham
Surveyed and inked by - E. F. Hicks, Jr.
Reviewed by - J. A. McCormick, April 10, 1941
Inspected by - H. R. Edmonston

1. Junctions with Contemporary Surveys

This is a special resurvey with no contemporary work adjoining. Overlaps with old surveys are satisfactory.

2. Comparison with Prior Surveys

H-3306 (1911), 1:40,000; T-4144 (1925), 1:20,000;
T-4145 (1925), 1:10,000

Reconnaissance shoreline on H-3306 is in fair agreement with that of the present survey considering the much smaller scale of the older survey. The surveys of 1925 are in good agreement with the present survey. Differences at the mouth of Rams Creek are to be expected. Otherwise, differences are minor and appear to be mostly of interpretation. The present survey supersedes overlapping portions of the older surveys.

3. Comparison with Chart 8703 (New Print of Aug. 14, 1940)

Topography charted in this area is from surveys discussed in the preceding paragraph. The charted position of Morgan Point Light differs slightly from the triangulation position on the present survey and will be corrected accordingly.

4. Condition of Survey

Satisfactory.

5. Compliance with Instructions for the Project

Satisfactory.

6. Additional Field Work Recommended

None.

7. Superseded Surveys

H-3306 in part


T-4144 " "

T-4145 " "

Examined and approved:



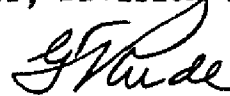
Thos. B. Reed,
Chief, Surveys Section



Chief, Division of Charts



Chief, Section of Hydrography



Chief, Division of Coastal
Surveys