

6592 Graphic Control

U. S. COAST & GEOD. SURV.
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Graphic Control

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Form 504
Rev. April 1935
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Topographic } Sheet No. BB - 1937
Hydrographic }

State SOUTHEAST ALASKA

LOCALITY

STEPHENS PASSAGE

TO

YOUNG POINT & OUTER POINT

1937

CHIEF OF PARTY

H. ARNOLD KARO, H. AND G. E.

U. S. GOVERNMENT PRINTING OFFICE

6592

G.C.

8300

68

Applied to drawing of chart 8235 10/15/58 J.T.W.

" " " " 8302 July 28/39 J.S.L.

Applied to Reconstruction of Chart 8235 2/12/50 C.B.S.J.

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. BB - 1937 T-6592

REGISTER NO.

State SOUTHEAST ALASKA

General locality STEPHENS PASSAGE

Locality To YOUNG POINT + OUTER POINT

Scale 1:20,000 Date of survey SEPTEMBER, 1937

Vessel WESTDAHL

Chief of Party H. ARNOLD KARO

Surveyed by GEORGE E. MORRIS, JR.

Inked by GEORGE E. MORRIS, JR., J. H. S. BILLMYER

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

Contour, Approximate contour, Form line interval feet

Instructions dated MAY 24, 1937

Remarks: GRAPHIC CONTROL SHEET

7-6592

DESCRIPTIVE REPORT TO ACCOMPANY SHEET BB - 1937

STEPHENS PASSAGE, ALASKA

Work was done under instructions dated May 24, 1937, Project
HT - 216.

This sheet is a graphic control sheet used in locating signals
for hydrography. The area is covered by topographic sheets 3681,
3682, and 3848.

Second and third order triangulation established in 1917 and
1937 was used for control. Sufficient triangulation control was
available so it was unnecessary to run any traverse.

Standard plane table methods were used. The topographic
signals were located by intersections.

The high water line was rodded in at each table set up, except
in the area covered by sheets ^{T-6591} AA and ^{T-6593} CC, and the previous work was
checked very closely. This, together with the locations of topo-
graphic signals, indicates that no major change in the shore line
has occurred since the previous surveys.

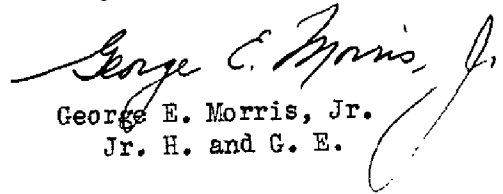
^{H-6273}
See hydrographic sheet 2037 for low water line changes.

There are 2.0 statute miles of surveyed shore line.


The declinatoire needle error was obtained from the mean value
of two comparisons with observations taken with the compass de-
clinometer at triangulation station SCULL₂ 1917 and triangulation
station BIB 1890.

The signals and topographic detail were inked by the topo-
grapher. The remainder of the sheet was inked by a party member
under close supervision of the topographer.


Respectfully submitted,


George E. Morris, Jr.
Jr. H. and G. E.

Approved and forwarded,


H. Arnold Karo,
H. and G. E.,
Chief of Party.

Sheet inspected and approved,


H. Arnold Karo,
H. and G. E.,
Chief of Party.

MEMORANDUM

IMMEDIATE ATTENTION

SURVEY
DESCRIPTIVE REPORT
~~PHOTOGRAPHY~~

~~NO. 11~~

GRAPHIC CONTROL

No. T-6592

received April 11, 1938
registered May 20, 1938
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
20			
22			
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90			

RETURN TO

82	T. B. Reed
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✓ TBR

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 6592 (1937) FIELD NO. BB1937

Young Point to Outer Point, Stephens Passage, Southeast Alaska

Surveyed in Sept. 1937, Scale 1:20,000

Instructions dated May 24, 1937 (WESTDAHL)

Graphic Control

Plane Table Survey.

Aluminum Mounted.

Chief of Party - H. Arnold Karo.

Surveyed by - George E. Morris, Jr.

Inked by - G. E. Morris, Jr. and J. H. S. Billmyer.

1. Purpose of Survey.

The purpose of this survey was to establish control for the hydrographic surveys.

2. Results of Survey.

Although a few topographic details are shown, this survey is primarily a control survey and has been registered as a graphic control survey.

- a. Topographic details were obtained at Middle Point, Scull Island, and near the head of Young Bay. These should supersede the delineation on T-3682 (1917) and T-3848 (1921) in future charting. In this connection, Scull Island is not delineated on the above mentioned prior surveys.
- b. Inner Point beacon and Middle Point lighted buoy agree closely with the charted positions on chart 8235 (new print dated Aug. 3, 1937) and will be considered in relation to the hydrography in the review of H-6273 (1937).
- c. The values of the magnetic declination determined with the declinatoire, and with the needle error of 1°15' applied to the declination as shown on the smooth sheet, agree closely with the charted value.

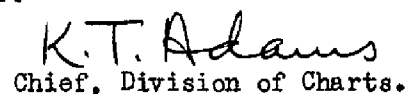
The Descriptive Report is clear and satisfactorily covers all items of importance.

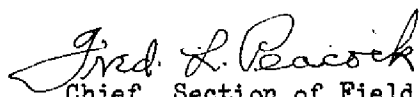
3. Reviewed by Harold W. Murray, August 16, 1938.
Inspected by E. P. Ellis.

Examined and approved:

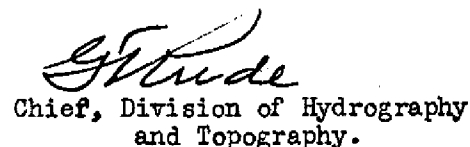


Thos. B. Reed,
Chief, Section of Field Records


Chief, Division of Charts.



Chief, Section of Field Work


Chief, Division of Hydrography
and Topography.