

7023a&b

Graphic Control

Diag. Cht. No. 8201-2

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey GRAPHIC CONTROL

Field No. PA-A & B-46 Office No. T-7023a & b

LOCALITY

State Southeastern Alaska

General locality Davidson Inlet

Locality Edna Bay

194 6

CHIEF OF PARTY

K.G. Crosby

LIBRARY & ARCHIVES

DATE September 24, 1946

B-1870-1 (1)

7023a&b

Graphic Control

DESCRIPTIVE REPORT TO ACCOMPANY
Graphic Control T-7023a T-7023b
TOPOGRAPHIC SHEETS PA-A-46 and PA-B-46

EDNA BAY, ALASKA

SCALE 1:5000

K. G. CROSBY - CHIEF OF PARTY

AUTHORITY:

The surveys were made in accordance with Instructions ✓
of March 27, 1946, Project CS-324.

PURPOSE:

The purpose of the survey is to provide control for
hydrography and delineate the numerous offlying rocks of the area. ✓
The shoreline is to be obtained from the air ^(CS-369) photographs, which were
concurrently field inspected by this party.

CONTROL:

Triangulation was extended into Edna Bay from Da-
vidson Inlet by this party and furnished control for topographic ✓
surveys. Stations EDNA, ENTER, GILLE, DARTS, ALCOA and MINE, all
1946, were established.

SURVEY METHODS:

Standard graphic control methods were used in locat- ✓
ing topographic stations and delineating rocks and reefs.

SHORELINE:

The shoreline was rodded in, at the vicinity of each setup. The actual high water line rod readings are indicated by black dots and broken shoreline in accordance with Paragraph 3 (e) of Field Memorandum No. 1 (1935) dated 12 February 1935.

The rocks and reefs were located by rod readings at minus tides. The limits and heights were noted when readings were taken and reduced to the MLLW datum by tide reducers obtained from the tide gage.

The slanting black numerals in parenthesis at each rock is the height in feet that the rock uncovers at MLLW.

DECLINATOIRE OBSERVATIONS:

Declinatoire observations were made at Triangulation STATION DARTS, 1946 at 0940 on 6 May 1946 with a scaled value of 29° - 08' E., and at Station GILLE at 0900 on 7 May 1946 with a scaled value of 29° - 22' E.

The index correction of the declinatoire, No. 2486, is not known.

COMPARISON WITH PREVIOUS SURVEYS:

The area is covered by Sheet T-2691, 1904, scale 1:20,000. A comparison with the present survey shows no discrepancies. Additional rocks and reefs were delineated on the present survey. -See Review

GEOGRAPHIC NAMES: Edna Bay is the only charted name within the area.

Approved and Forwarded:

Kenneth G. Crosby
Kenneth G. Crosby
Lt. Comdr., USCGS
Cmdg., USC&GS PATTON

Submitted by

H. F. Garber
H. F. Garber
Lt. Comdr., USC&GS

STATISTICS

Statute Miles of Shoreline	3.0
Area, Square Statute Miles	0.4

DIVISION OF CHARTS

REVIEW SECTION - NAUTICAL CHART BRANCH

REVIEW OF GRAPHIC CONTROL SURVEY

REGISTRY NO. T-7023a & b

PA-A-46

FIELD NO. PA-B-46

Southeast Alaska, Davidson Inlet, Edna Bay
Surveyed in May, 1946
Project No. CS-324

Scale 1:5,000

Graphic Control

Aluminum Mounted

Chief of Party - K. G. Crosby
Surveyed by - H. F. Garber
Inked by - H. F. Garber
Reviewed by - G. F. Jordan, March 9, 1950
Inspected by - R. H. Carstens

1. The control for this survey originates with triangulation of 1946.
2. Adequate junctions were effected with T-7024 (1946) on the southwest shore of the bay. T-7023b covers the entrance to the bay, which is the southern limits of the present project. Air photographic compilation CS-369 shows the complete shoreline of the bay.
3. A prior survey of the area, T-2691 (1904), on a scale of 1:20,000 does not compare favorably with the present survey. The short stretches of shoreline on the present survey do not coincide with the prior shoreline. Scale differences of 4 to 1 and inaccurate sketching on the prior survey probably account for differences between the surveys.
4. The present survey has been applied to H-7095 (1946) and H-7098 (1946) and has been considered in the reviews of those surveys.
5. The topography on Chart 8163 (print date 11/10/47) originates with the present and contemporary surveys and needs no further consideration in this review.
6. The magnetic declinations determined on the present survey are within 1° of the charted value.

GEOGRAPHIC NAMES

Survey No. T-7023

Graphic Control a+b

Name on Survey	A	B	C	D	E	F	G	H	K	
Davidson Inlet										1
Edna Bay	} These names approved on <u>unchart 8863</u> 11/10/41									2
Limestone Pt										3
										4
										5
										6
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DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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. PA-A and B-46

REGISTER NO. T-7023 a & b Graphic Control

REG. NO. Graphic Control T-7023 a & b

State Southeastern Alaska ✓

General Locality Davidson Inlet ✓

Locality Edna Bay ✓

Scale 1:5,000 Date of survey May, 1946

Vessel Ship PATTON

Chief of party K. G. Crosby

Surveyed by H. F. Garber

Inked by H. F. Garber

Heights in feet above MHW to ground ~~to tops of trees~~

Contour, Approximate contour, Form line interval — feet

Instructions dated 27 March, 1946

Remarks: Project CS-324