

T-12779

T-12779

NOAA FORM 76-35

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline
Job No. PH-6502 Map No. T-12779
Classification No. Final Edition No. 1
Field Edited Map

LOCALITY

State Alaska
General Locality Glacier Bay
Locality Sandy Cove
.....

1972 TO 1973

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, Va. OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		SURVEY <u>12279</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB PH. <u>6502</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, Va. OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation 5/18/73 Compilation, Supplement 2 6/14/73 Final Review 6/03/77		February 17, 1970	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Polyconic		4. GRID(S) STATE Alaska ZONE 1	
5. SCALE 1:10,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	
DATE			
1. AEROTRIANGULATION METHOD: <u>Analytic</u>		BY <u>D. O. Norman</u>	
LANDMARKS AND AIDS BY		Jul 1973	
2. CONTROL AND BRIDGE POINTS METHOD: <u>Coradomat</u>		PLOTTED BY <u>Allen</u>	
CHECKED BY <u>Allen</u>		Jul 1973	
3. STEREOSCOPIC INSTRUMENT COMPILATION		PLANIMETRY BY <u>L. B. Foltz</u>	
INSTRUMENT: <u>Wild B-8</u>		CHECKED BY <u>L. O. Neterer, Jr.</u>	
SCALE: <u>1:15,000</u>		NA	
4. MANUSCRIPT DELINEATION METHOD: <u>Smooth drafting</u>		PLANIMETRY BY <u>C. E. Blood</u>	
SCALE: <u>1:10,000</u>		CHECKED BY <u>L. O. Neterer, Jr.</u>	
HYDRO SUPPORT DATA BY <u>C. E. Blood</u>		Aug. 1973	
CHECKED BY <u>L. O. Neterer, Jr.</u>		Sept 1973	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		BY <u>L. O. Neterer, Jr.</u>	
6. APPLICATION OF FIELD EDIT DATA		BY <u>F. Margiotta</u>	
CHECKED BY <u>L. O. Neterer, Jr.</u>		Jun 1974	
7. COMPILATION SECTION REVIEW		BY <u>L. O. Neterer, Jr.</u>	
8. FINAL REVIEW		BY <u>C. H. Bishop</u>	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		BY <u>C. H. Bishop</u>	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		BY <u>J. B. Phillips</u>	
11. MAP REGISTERED - COASTAL SURVEY SECTION		BY <u>R. T. Cady</u>	
NOAA FORM 76-36A		SUPERSEDES FORM C&GS 181 SERIES	

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-12779
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "E"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE Juneau		(C) COLOR <input checked="" type="checkbox"/> (P) PANCHROMATIC (I) INFRARED		ZONE Pacific	
<input checked="" type="checkbox"/> PREDICTED TIDES Willoughby Island				<input checked="" type="checkbox"/> STANDARD	
<input type="checkbox"/> REFERENCE STATION RECORDS				MERIDIAN 120th	
<input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				<input type="checkbox"/> DAYLIGHT	

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
72 E(c) 4782-4784	7/4/72	14:38	1:30,000	3.5 ft. above MLLW

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean highwater line was delineated from office interpretation of the above listed photographs.

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

Office interpretation of the above listed photographs.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
No survey	No survey	T-12785	T-12778

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-12779
HISTORY OF FIELD OPERATIONS1. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Watkins, Jr.	Jun 1970
2. HORIZONTAL CONTROL	RECOVERED BY J. C. B.	Jun 1970
	ESTABLISHED BY J. C. B.	Jun 1970
	PRE-MARKED OR IDENTIFIED BY J. C. B.	Jun 1970
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None	
	LOCATED (Field Methods) BY None	
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE BY <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	None

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
70E(C)7755	Earl, 1970		

3. PHOTO NUMBERS (Clarification of details)

NONE

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☐ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

1 Form 152

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-12779
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	C. Burroughs	Sep 1973
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	NA NA NA
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None None None
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION BY	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	None
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	None

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
None		NA	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

None-no field edit was recorded on the photographs.

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT ☐ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☐ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

1-Field edit ozalid
1-Signal overlay
1-Field edit report

NOAA FORM 76-36D
(3-72)T-12779
RECORD OF SURVEY USEU. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	9/73	Class III	9/6/73	9/6/73
Field edit applied. Compilation complete	6/74	Class I		
Final Review prior to registration	7/77	Final	Nov. 1977	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

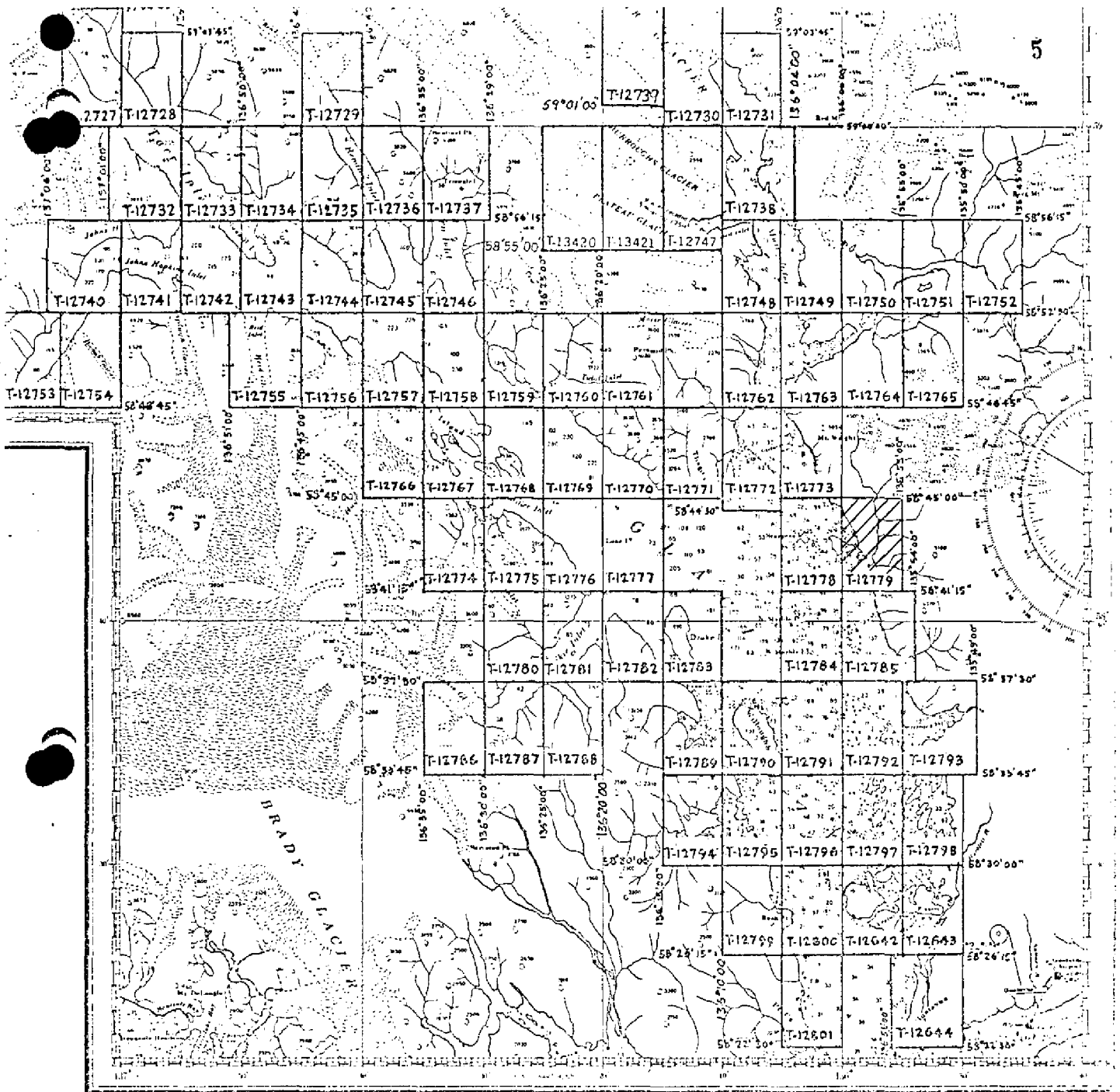
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	



REVISED 9-5-72 RWW

JOB PH-6502 GLACIER BAY ALASKA

Shoreline Mapping

SCALE 1:10,000

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-12779

This 1:10,000 scale shoreline survey is one of 80 maps that comprise Project PH-6502, Glacier Bay, Alaska. The job diagram shows the location of this map in the project.

The only field work done prior to compilation was the establishment and premarking of horizontal control required for bridging.

Aerotriangulation was done in Rockville in July 1973.

Compilation was done at the Atlantic Marine Center in September 1973. Hydrographic support data was prepared and forwarded to the field.

Field edit was accomplished in September and October 1973 and applied to the manuscript at the Atlantic Marine Center in May 1974.

Final review was done at the Atlantic Marine Center in July 1977.

The original manuscript was a stabilene sheet 3' 45" in latitude by 5' in longitude. It was forwarded to Rockville for processing a film positive for filing in the Archives, one reproduction negative to be filed in the Reproduction Branch, and two negatives to be forwarded to the Photo Map and Imagery Information Section for dispersal.

GLACIER BAY, ALASKA
Southern Part
Job PH-6502
July 1973

21. Area Covered. This report pertains to twenty-two sheets in the southern part of Glacier Bay, Alaska. The sheets covered are T-12773, T-12778, T-12779, T-12783 thru T-12785, T-12789 thru T-12801, and T-12642 thru T-12644.

22. Method. Five strips of RC-8 photography at 1:40,000 scale were bridged by analytic aerotriangulation methods and adjusted to ground using Alaska state plane coordinates, zone 1. Points were established for setting 1:30,000 scale compilation photography. Points were also established for determining ratios of this photography. These points were plotted by the Coradomat.

23. Adequacy of Control. The control was adequate.

24. Supplemental Data. USGS topographic quadrangles were used in determining elevations for strip adjustments.

25. Photography. The photography was adequate; however, points could not be established for the compilation of islands on sheets T-12784, T-12791, and T-12796. These islands will have to be put in by a field party.

Submitted by,

Don O. Norman

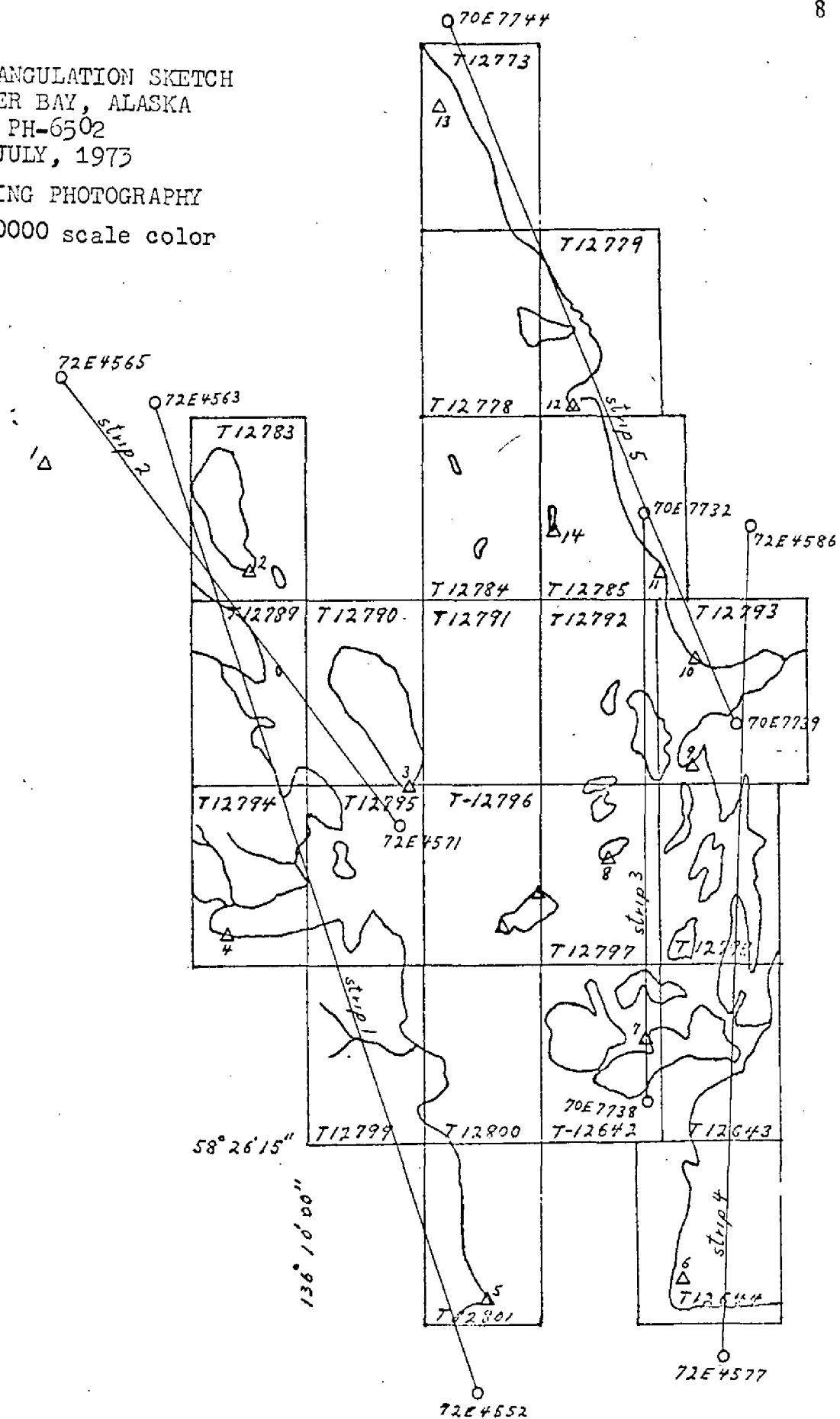
Don O. Norman

approved by:

John D. Ferrow, Jr.
John D. Ferrow, Jr.
Chief, Aerotriangulation
Section

AEROTRIANGULATION SKETCH
GLACIER BAY, ALASKA
PH-6502
JULY, 1973

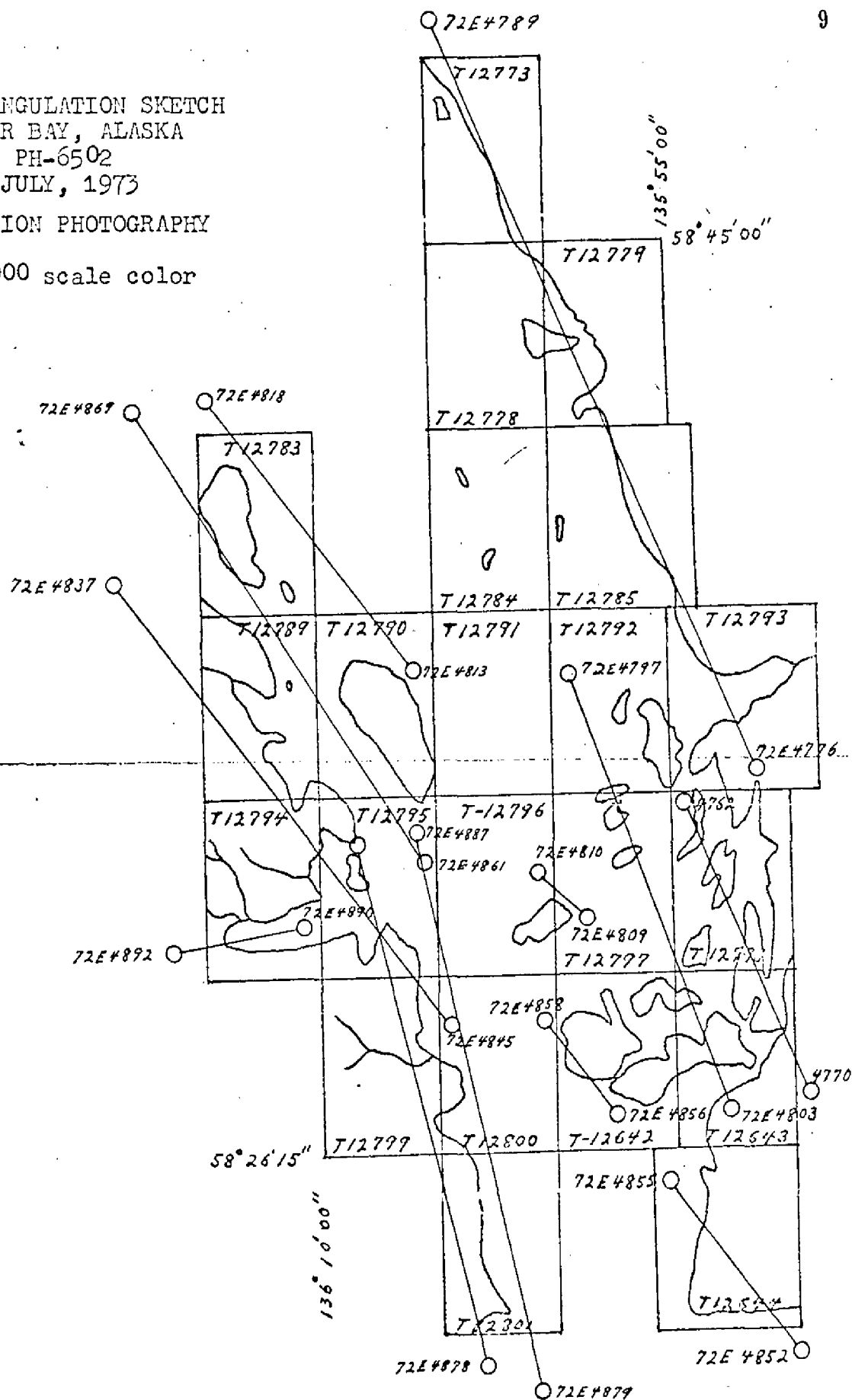
BRIDGING PHOTOGRAPHY
01:40000 scale color



AEROTRIANGULATION SKETCH
GLACIER BAY, ALASKA
PH-6502
JULY, 1973

COMPILATION PHOTOGRAPHY

○ 1:30000 scale color



GLACIER BAY
Southern Part
Fit to Control

Strip 1

5 CARO, 1923 (+0.4, -0.4)
4 JILL, 1938 (-0.8, +2.2)
2 OPEN, 1939 (+2.1, -2.6)
1 RIDGE, 1939 (-1.8, +0.8)

Strip 2

1 RIDGE, 1939 (0.0, 0.0)
2 OPEN, 1939 (0.0, 0.0)
3 STAR, 1938 (0.0, 0.0)

Strip 3

11 GOAT, 1938 (-0.3, -2.6)
10 CANT, 1939 (+1.9, +2.8)
9 VEGA, 1939 (+1.2, +0.5)
8 SOCK, 1938 (-3.5, -1.9)
7 NAME, 1938 (+0.6, +1.2)

Strip 4

6 STAVE, 1938 (+1.5, -1.3)
773802 (-6.2, +2.7)
736801 (+3.4, -2.0)
9 VEGA, 1939 (+3.3, +0.3)
733802 (-2.0, +0.3)

Strip 5

9 VEGA, 1939 (-0.4, -0.8)
10 CANT, 1939 (-0.1, +2.3)
11 GOAT, 1939 (-2.3, -0.2)
14 LITE, 1939 (-0.5, -2.8)
12 EARL, 1970 (+3.0, +1.8)
13 SNOWHITE, 1970 (-0.5, -0.1)

COMPILATION REPORT

T-12779

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:30,000 scale color photography. Coverage was adequate.

32. CONTROL:

See the attached Photogrammetric Plot Report, dated July, 1973.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

Alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

The mean high water line was delineated from the photographs.

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

None.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

See the attached Form 76-36b, item #5 of the Descriptive Report concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with the following U. S. Geological Survey Quadrangle: Juneau (c-6) Alaska, scale 1:63,360 dated 1948

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with the following Coast and Geodetic Survey chart: No. 8202, scale 1:209,978, 17th edition, dated Sept. 11, 1971

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO CARRIED FORWARD

None.

Submitted by:

Charles E. Blood

Charles E. Blood
Cartographic Technician
August 5, 1973

Approved:

Albert C. Rauck, Jr.

Albert C. Rauck, Jr.
Chief, Coastal Mapping Section, AMC

ADDENDUM TO THE COMPILATION REPORT

T-12779

FIELD EDIT

Field edit was adequate. All questions were answered satisfactorily.

Where the field editor has referred to "foul", the compiler assumed that he meant "foreshore".

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6502 (Glacier Bay, Alaska)

T-12779

Puffin Island

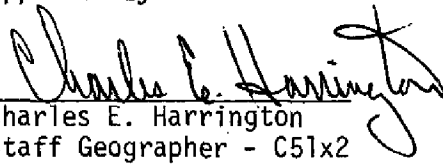
Sandy Cove

Spokane Cove

Wolf Creek

Glacier Bay National Monument

Approved by:


Charles E. Harrington
Staff Geographer - C51x2

NOAA FORM 75-74 (7-75)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW T - 12779			
1. PROJECTION AND GRIDS LON JR.	2. TITLE LON JR.	3. MANUSCRIPT NUMBERS LON Jr.	4. MANUSCRIPT SIZE LON Jr.
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY LON JR.	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) NA	7. PHOTO HYDRO STATIONS NA	
8. BENCH MARKS NA	9. PLOTTING OF SEXTANT FIXES LON Jr.	10. PHOTOGRAMMETRIC PLOT REPORT LON Jr.	11. DETAIL POINTS LON Jr.
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE LON JR.	13. LOW-WATER LINE LON JR.	14. ROCKS, SHOALS, ETC. LON JR.	15. BRIDGES LON JR.
16. AIDS TO NAVIGATION LON	17. LANDMARKS LON	18. OTHER ALONGSHORE PHYSICAL FEATURES LON JR.	19. OTHER ALONGSHORE CULTURAL FEATURES LON
PHYSICAL FEATURES			
20. WATER FEATURES LON	21. NATURAL GROUND COVER NA	22. PLANEYABLE CONTOURS NA	
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES LON JR.
CULTURAL FEATURES			
27. ROADS LON	28. BUILDINGS LON	29. RAILROADS LON	30. OTHER CULTURAL FEATURES LON
BOUNDARIES			
31. BOUNDARY LINES NA	32. PUBLIC LAND LINES NA		
MISCELLANEOUS			
33. GEOGRAPHIC NAMES LON JR.	34. JUNCTIONS LON. JR.	35. LEGIBILITY OF THE MANUSCRIPT LON JR.	
36. DISCREPANCY OVERLAY LON JR.	37. DESCRIPTIVE REPORT LON	38. FIELD INSPECTION PHOTOGRAPHS NA	39. FORMS LON
40. REVIEWER <i>Lowell D. Neterer Jr.</i> L. O. Neterer Jr. 9/73		SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck Jr.</i> Albert C. Rauck Jr.	
41. REMARKS (See attached sheet)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43:			
COMPILER <i>Frank Mangiotta</i> 6/11/74		SUPERVISOR <i>Albert C. Rauck Jr.</i> Albert C. Rauck, Jr.	
Reviewer: L. Neterer, Jr. 6/74			
43. REMARKS See form 76-36c, item 8			

FIELD EDIT REPORT

Map T-12779
Sandy Cove,
Glacier Bay, Alaska
September, 1973

Field edit of map T-12779 was done by LCDR John Albright, LT Robert Hopkins, ENS Andrew Snella, and ENS John Murphy during September 1973. Inspection was done from small boats and on foot when fixes on land were required.

METHOD

Field photographs and a copy of the field edit ozalid were examined in the field. Mean high water line verification was done by visual comparison of the shore and the ozalid in the field. Limits of rocky zone shown on ozalid were found to be the under water visual limit of a continuous rocky slope extending out from the mean high water line. Sextant fixes were used for verification and location of rocks and ledges in the area. Height data is written directly on the ozalid, or is referenced by fix number to the attached sheets. All times are based on the 105° W. meridian.

ADEQUACY OF COMPILATION

Compilation of this map is good. Hydrographic location of details compares well with photogrammetric location.

RECOMMENDATIONS

It is recommended that this map be revised in accordance with the notes on the ozalid and the fix information, and then be accepted as an advanced manuscript.

Respectfully submitted,

Frank P. Rossi
for Andrew Snella
ENS, NOAA

Approved and forwarded:

Charles A. Burroughs
Charles A. Burroughs
CDR, NOAA
Comdg., NOAA Ship FAIRWEATHER

REVIEW REPORT
T-12279

SHORELINE

July 1977

61. GENERAL STATEMENT:

See Summary, which is Page 6 of this Descriptive Report.

No comparison print was made.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with a copy of Survey T-6755, 1:10,000 scale, dated May 1940, and a copy of Survey T-6678, 1:20,00 scale, dated Aug.-Sept. 1939. In general, shoreline on both old surveys is inshore from shoreline on T-12779. Elevations of rocks on T-6755 are lower than elevations of the same rocks on T-12779.

In the area compared, T-12779 supersedes T-6678 and T-6755 for nautical chart construction purposes. T-6678 and T-6755 are the latest registered prior surveys of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with USGS Quadrangle JUNEAU (c-6) Alaska, 1:63,360 scale, dated 1948. No significant difference was noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

None--no contemporary hydrographic survey was available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 17300 (8202), 1:209,978 scale, 20th edition, dated Jan. 1, 1977. A rock awash charted at approximate Latitude $58^{\circ} 41' 25''$, Longitude $135^{\circ} 59' 20''$ is not visible on the photographs, is not on prior Survey T-6678, and was not observed by the field editor.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with Project Instructions and meets requirements for Bureau Standards and National Standards of Map Accuracy.

Submitted:

Charles H. Bishop

Charles H. Bishop
Cartographeur
July 29, 1977

Approved for forwarding:

Joseph W. Vonasek

Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

D. K. Taylor

Chief, Photogrammetric Branch

James Allen

Chief, Coastal Mapping Division