

ORIGINAL

T-12799

T-12799

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-12799*.....

Classification No. *III* Edition No. *1*.....

### LOCALITY

State *Alaska*.....

General Locality *Glacier Bay*.....

Locality *Rush Point-North of*.....

19 64 TO 1972

### REGISTRY IN ARCHIVES

DATE .....

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY T <u>12799</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. <u>(1)</u>	
				<input type="checkbox"/> RESURVEY		MAP CLASS <u>III</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Norfolk, Va.				<input type="checkbox"/> REVISED		JOB <u>PH-6502</u>	
				LAST PRECEDING MAP EDITION			
OFFICER-IN-CHARGE				TYPE OF SURVEY		JOB <u>PH-</u>	
Jeffrey G. Carlen, CDR				<input type="checkbox"/> ORIGINAL		MAP CLASS <u></u>	
				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19 <u></u> TO 19 <u></u>	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation May 18, 1973 Compilation-Supp. II June 14, 1973 Final Review June 03, 1977				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				4. GRID(S)			
Polyconic				STATE		ZONE	
				Alaska		1	
5. SCALE				STATE		ZONE	
1:10,000							
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				D. O. Norman		Jul 1973	
METHOD: Analytic LANDMARKS AND AIDS BY							
2. CONTROL AND BRIDGE POINTS PLOTTED BY				Allen		Jun 1973	
METHOD: Cordomat CHECKED BY				Allen		Jun 1973	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				L. B. Foltz		Sep 1973	
COMPILATION CHECKED BY				A. Shands		Sep 1973	
INSTRUMENT: Wild B-8				CONTOURS BY		NA	
SCALE: 1:15,000				CHECKED BY		NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY				Frank Margiotta		Sep 1973	
CHECKED BY				L. O. Neterer Jr.		Oct 1973	
METHOD: Smooth drafting				CONTOURS BY		NA	
CHECKED BY				NA			
SCALE: 1:10,000 HYDRO SUPPORT DATA BY				Frank Margiotta		Sep 1973	
CHECKED BY				L. O. Neterer Jr.		Oct 1973	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				L. O. Neterer Jr.		Oct 1973	
6. APPLICATION OF FIELD EDIT DATA BY				None			
CHECKED BY							
7. COMPILATION SECTION REVIEW BY				None after 5 above			
8. FINAL REVIEW BY				C. H. Bishop		Sep 1977	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				C. H. Bishop		Dec 1977	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				J. B. Phillips		Jan. 1978	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R. T. Carter		Mar. 1978	

NOAA FORM 76-36B  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYT-12799  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 8 "E" & RC 9 "M"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE JUNEAU		X (C) COLOR X (P) PANCHROMATIC (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES Willoughby Island				Pacific	
<input type="checkbox"/> REFERENCE STATION RECORDS				MERIDIAN	
<input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				120th	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
72E(c) 4872-4875	7/4/72	15:38	1:30,000	5.4 ft. above MLLW
64M(p) 3638 & 3639	7/12/64	09:26	1:40,000	3.4 ft. below MLLW

REMARKS

## 2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was delineated from office interpretation the above listed color photographs.

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

Office interpretation of the 1972 photographs, with frequent comparison with the 1964 low water photography.

## 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
T-12795	T-12800	No survey	No survey

REMARKS

NOAA FORM 76-36C  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

T-12799

## HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	None	
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

None

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

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)

NONE

NOAA FORM 76-36C  
(3-72)

NOAA FORM 76-36D  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONT-12799  
RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	Sep 1973	Class III		
Final Review prior to registration	Sep 1977	Class III-major changes to MHWL; MLLWL added.	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: \_\_\_\_\_

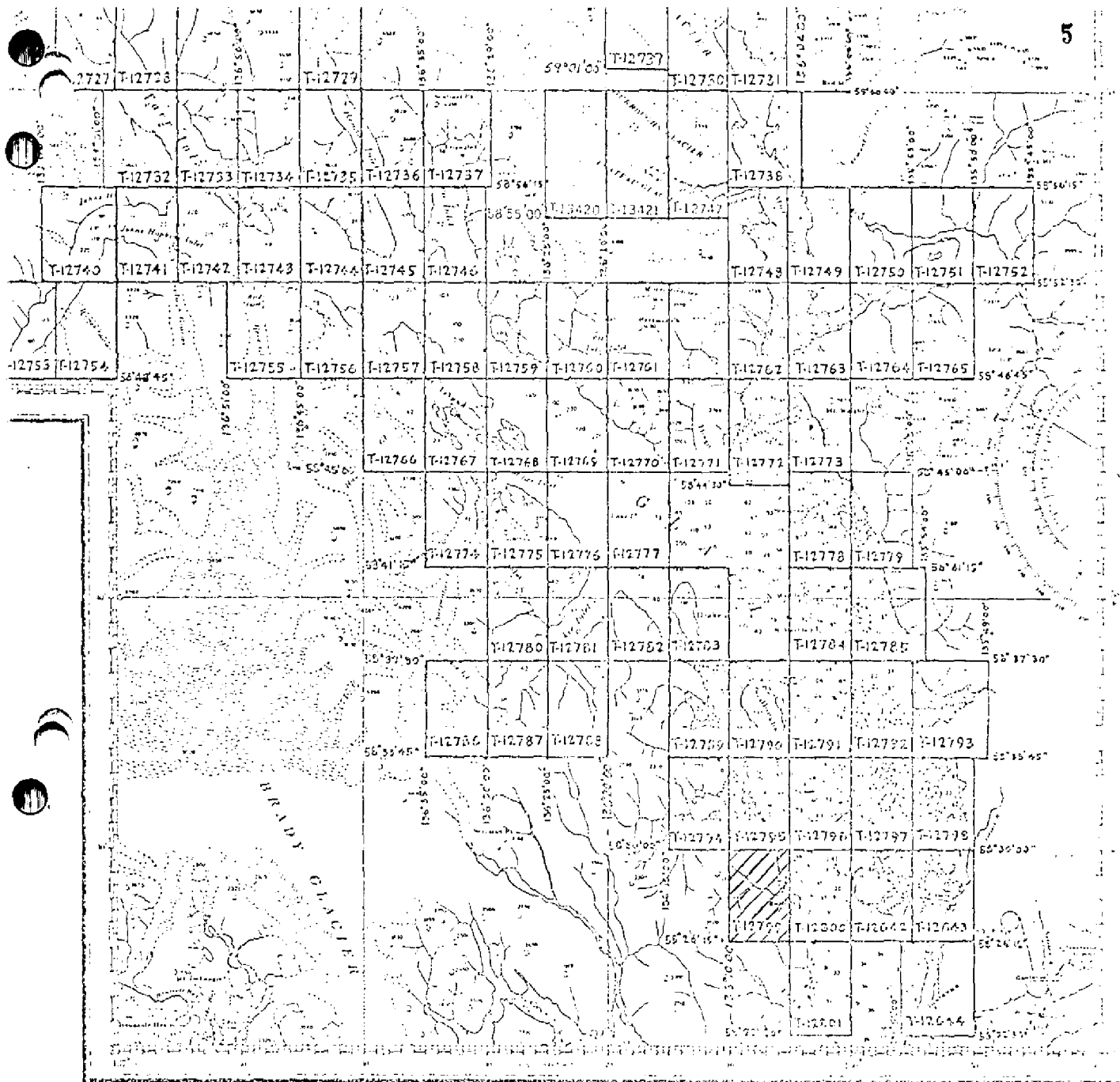
## III. FEDERAL RECORDS CENTER DATA

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 RWH

JOB PH-6502  
GLACIER BAY  
ALASKA

Shoreline Mapping

SCALE 1:10,000

## SUMMARY TO ACCOMPANY

## DESCRIPTIVE REPORT T-12799

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

There was no field inspection or field edit for this map.

Compilation was done at the Atlantic Marine Center in September 1973 and is from office interpretation of the photographs only.

Final review was done at the Atlantic Marine Center in September 1977. Major changes were made to the mean high water line between latitude  $58^{\circ} 28'$  and  $58^{\circ} 29'$ , the mean lower low water line was added, and kelp limits were revised.

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

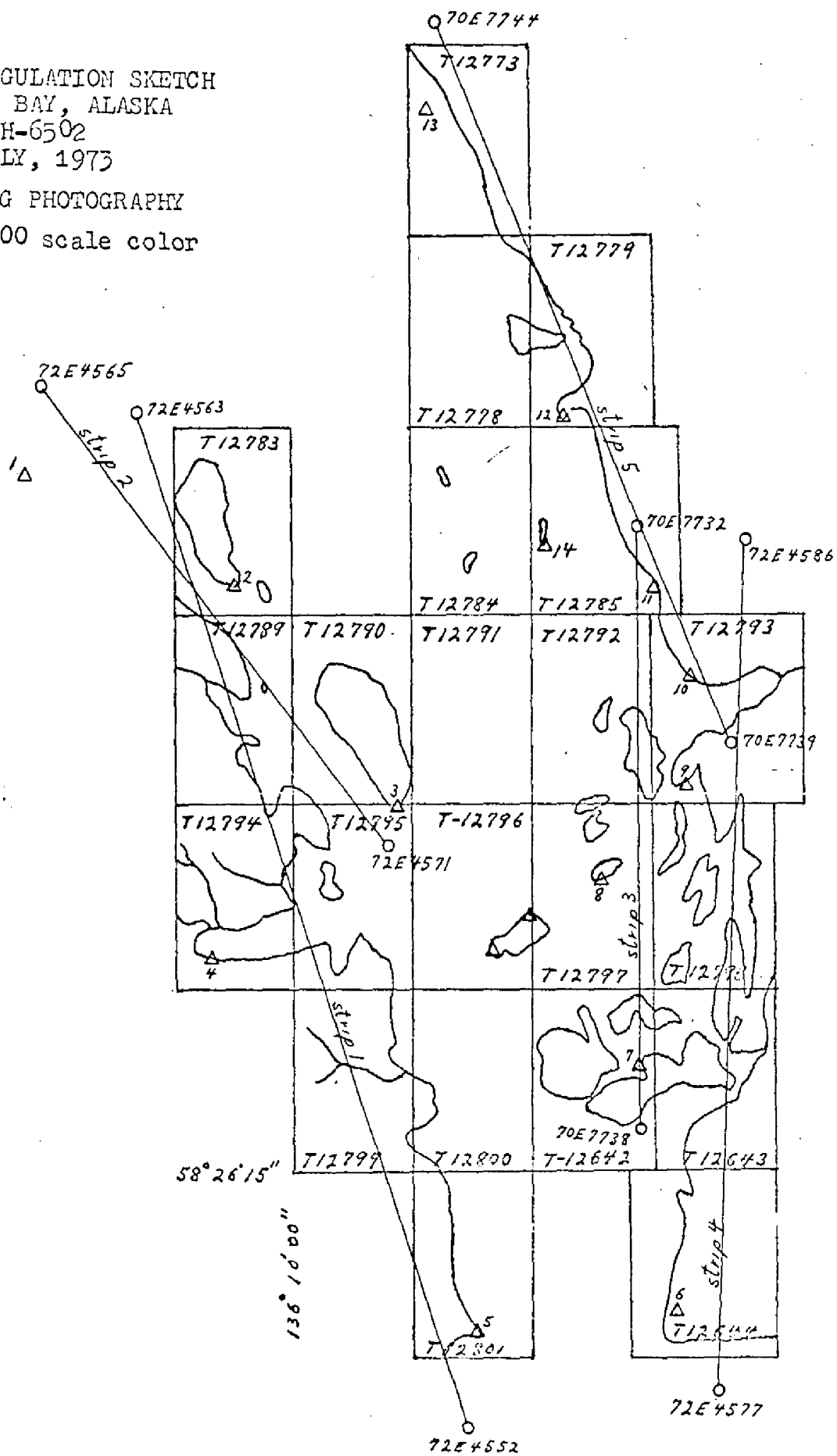
approved by:

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



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

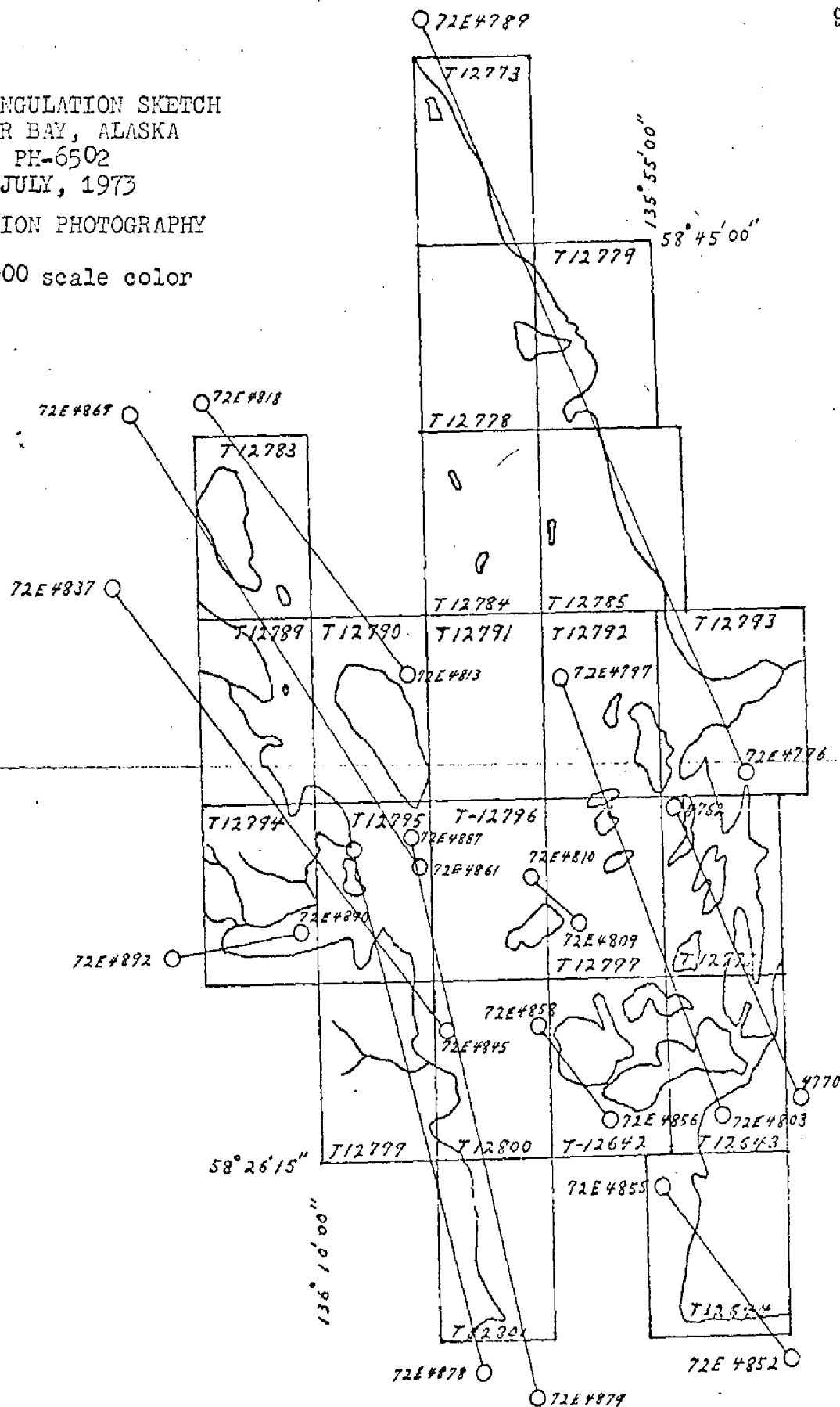
BRIDGING PHOTOGRAPHY  
1:40000 scale color



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)

## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	PH-6502		GEODETTIC DATUM		NA	1927	ORIGINATING ACTIVITY		REMARKS	
			SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE Alaska ZONE I	GEOGRAPHIC POSITION $\phi$ LATITUDE $\lambda$ LONGITUDE			Division, Norfolk, Va.	FORWARD	BACK	
	MIKE, 1938	G.P. VOL 3 P. 803			X=	$\phi$ 58 28 57.177					1769.1 ( 87.4)	
					Y=	$\lambda$ 136 05 28.697					465.0 (507.4)	
					X=	$\phi$						
					Y=	$\lambda$						
					X=	$\phi$						
					Y=	$\lambda$						
					X=	$\phi$						
					Y=	$\lambda$						
					X=	$\phi$						
					Y=	$\lambda$						
					X=	$\phi$						
					Y=	$\lambda$						
					X=	$\phi$						
					Y=	$\lambda$						
					X=	$\phi$						
					Y=	$\lambda$						
					X=	$\phi$						
					Y=	$\lambda$						
					X=	$\phi$						
					Y=	$\lambda$						
					X=	$\phi$						
					Y=	$\lambda$						
COMPUTED BY	A. C. Bauck, Jr.				DATE	7/27/73	COMPUTATION CHECKED BY	Charles Parker			DATE	8/2/73
LISTED BY					DATE		LISTING CHECKED BY				DATE	
HAND PLOTTING BY					DATE		HAND PLOTTING CHECKED BY				DATE	

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

## COMPILATION REPORT

T-12799

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:30,000 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 USGS Quadrangle: Mt. Fairweather (B-1) Alaska, scale 1:63,360, dated 1948.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with the following Coast & Geodetic Survey chart: 8202, scale 1:209,978, 15th edition, Oct. 21, 1968.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

*Frank Mangiotta*  
Frank Mangiotta  
Cartographic Technician  
Sept. 26, 1973

Approved:

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

## ADDENDUM TO COMPILATION REPORT

T-12799

At the final review stage, the mean high water line was corrected in the delta area south of Station MIKE. The dashed lines indicating foreshore and kelp limits were removed.

By comparing the 1972 color photographs (5.4 feet above mean lower low water) with the 1964 panchromatic photographs (2.9 feet below mean lower low water), a reasonable approximate mean lower low water line was determined and added to the map. Kelp limits were revised.

Several rock awash symbols were removed because they are boulders apparently no different than many other boulders in the foreshore area, which is labeled "G" and Bld".

Submitted by:

*Charles H. Bishop*

Charles H. Bishop  
Final Reviewer  
Sept. 16, 1977

GEOGRAPHIC NAMES

FINAL SHEET NAME

PH-6502 (Glacier Bay, Alaska)

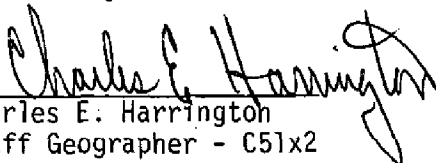
T-12799

Ripple Cove

Sitakaday Narrows

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 - 12799

1. PROJECTION AND GRIDS  LON	2. TITLE  LON	3. MANUSCRIPT NUMBERS  LON	4. MANUSCRIPT SIZE  LON
<b>CONTROL STATIONS</b>			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY  LON	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations)  NA		7. PHOTO HYDRO STATIONS  LON
8. BENCH MARKS  NA	9. PLOTTING OF SEXTANT FIXES  NA	10. PHOTOGRAMMETRIC PLOT REPORT  LON	11. DETAIL POINTS  LON
<b>ALONGSHORE AREAS (Nautical Chart Data)</b>			
12. SHORELINE  LON	13. LOW-WATER LINE  LON	14. ROCKS, SHOALS, ETC.  LON	15. BRIDGES  LON
16. AIDS TO NAVIGATION  LON	17. LANDMARKS  LON	18. OTHER ALONGSHORE PHYSICAL FEATURES  LON	19. OTHER ALONGSHORE CULTURAL FEATURES  LON
<b>PHYSICAL FEATURES</b>			
20. WATER FEATURES  LON		21. NATURAL GROUND COVER  NA	22. PLANETABLE CONTOURS  NA
23. STEREOSCOPIC INSTRUMENT CONTOURS  NA	24. CONTOURS IN GENERAL  NA	25. SPOT ELEVATIONS  NA	26. OTHER PHYSICAL FEATURES  LON
<b>CULTURAL FEATURES</b>			
27. ROADS  LON	28. BUILDINGS  LON	29. RAILROADS  LON	30. OTHER CULTURAL FEATURES  LON
<b>BOUNDARIES</b>			
31. BOUNDARY LINES  NA		32. PUBLIC LAND LINES  NA	
<b>MISCELLANEOUS</b>			
33. GEOGRAPHIC NAMES  LON		34. JUNCTIONS  LON	35. LEGIBILITY OF THE MANUSCRIPT  LON
36. DISCREPANCY OVERLAY  LON	37. DESCRIPTIVE REPORT  LON	38. FIELD INSPECTION PHOTOGRAPHS  NA	39. FORMS  LON
40. REVIEWER <i>Lowell O. Neterer, Jr.</i> L. Neterer, Jr. 10/73		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		SUPERVISOR	
43. REMARKS			

REVIEW REPORT  
T-12799

SHORELINE

September 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-6629, 1:20,000 scale, dated July 1938. The mean high water line on T-6629 is consistently inshore from the mean high water line on T-12799. No other significant differences were noted.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with USGS Quadrangle MT. FAIRWEATHER (B-1), ALASKA, 1:63,360 scale, dated 1948, with minor revisions in 1966. No significant differences were 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. No significant differences were noted. The chart scale is too small for adequate comparison.

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 by:

*Charles H. Bishop*

Charles H. Bishop  
Cartographer  
Sept. 19, 1977

Approved for forwarding:

*Joseph W. Vonasek*

Joseph W. Vonasek  
Chief, Photogrammetric Branch, AMC

Approved:

*A. K. H. [Signature]*

Chief, Photogrammetric Branch

*James [Signature]*

Chief, Coastal Mapping Div.