

T-12793

T-12793

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-12793

Classification No. III Edition No. 1

Partially Field Edited Map

LOCALITY

State Alaska

General Locality Glacier Bay

Locality Beartrack Cove

1972 TO 19 73

REGISTRY IN ARCHIVES

DATE

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY <u>TA 12793</u> MAP EDITION NO. (1) MAP CLASS III JOB PH. <u>6502</u>	
DESCRIPTIVE REPORT - DATA RECORD				LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED			
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, Norfolk, Va.				JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__			
OFFICER-IN-CHARGE Jeffrey G. Carlen, CDR							
I. INSTRUCTIONS DATED							
1. OFFICE Aerotriangulation May 18, 1973 Compilation-Supp. II June 14, 1973 Final Review June 03, 1977				2. FIELD 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 BY METHOD: Analytic LANDMARKS AND AIDS BY				Don O. Norman		Jul 1973	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY				Allen		Jul 1973	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY				L. B. Foltz		Sep 1973	
INSTRUMENT: Wild B-8 SCALE: 1:15,000				L. O. Neterer		Sep 1973	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY				Charles Parker		Sep 1973	
METHOD: Smooth drafting CHECKED BY				A. L. Shands		Sep 1973	
SCALE: 1:10,000 HYDRO SUPPORT DATA BY CHECKED BY				Charles Parker		Sep 1973	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				A. L. Shands		Sep 1973	
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY				J. Minton		Feb 1975	
7. COMPILATION SECTION REVIEW BY				C. H. Bishop		Aug 1977	
8. FINAL REVIEW BY				C. H. Bishop		Aug 1977	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY				C. H. Bishop		Dec 1977	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY				R. T. Cater		Mar. 1978	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY				R. T. Cater		Mar. 1978	

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-12793
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 8 "E"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR X (P) PANCHROMATIC (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Pacific	
				MERIDIAN	
				120 th	
NUMBER AND TYPE		DATE	TIME	SCALE	STAGE OF TIDE
72E(C) 4776-4778		4 Jul '72	14:38	1:30,000	3.5 above MLLW
72E(C) 4766		4 Jul '72	14:26	1:30,000	3.7 above MLLW

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was delineated from office interpretation of the above listed photographs. The Beartrack Cove area was verified by field edit. Approximately 400 meters of MHWL at the SW side of Beartrack Cove was located by sextant fixes.

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

Office interpretation of the photographs.
MLLWL in Beartrack Cove was verified by field edit.

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-12785	No survey	T-12798	T-12792

REMARKS

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

T-12793

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Watkins, Jr.	Jun 1970
2. HORIZONTAL CONTROL	RECOVERED BY W.A.H.	Jun 1970
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY W.H.	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 <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)7742	CANT, 1939		
70E(C)7734	VEGA, 1939		

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)

2-forms 152

T-12793

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	C. Burroughs	Oct 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	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	A. Snella
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)

72E(C) 4776-4778 (Signal locations for sextant fixes only)

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 Field Edit Report

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

T-12793

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		9/21/73
Parhal field edit applied	Feb 1975	Class III		
Final Review prior to registration	Aug 1977	Beartrack Cove - Final. South of Beartrack Cove is Class III.	Nov. 1977	
		Foul lines removed, MLLWL added to Hutchins Bay area.		

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: _____

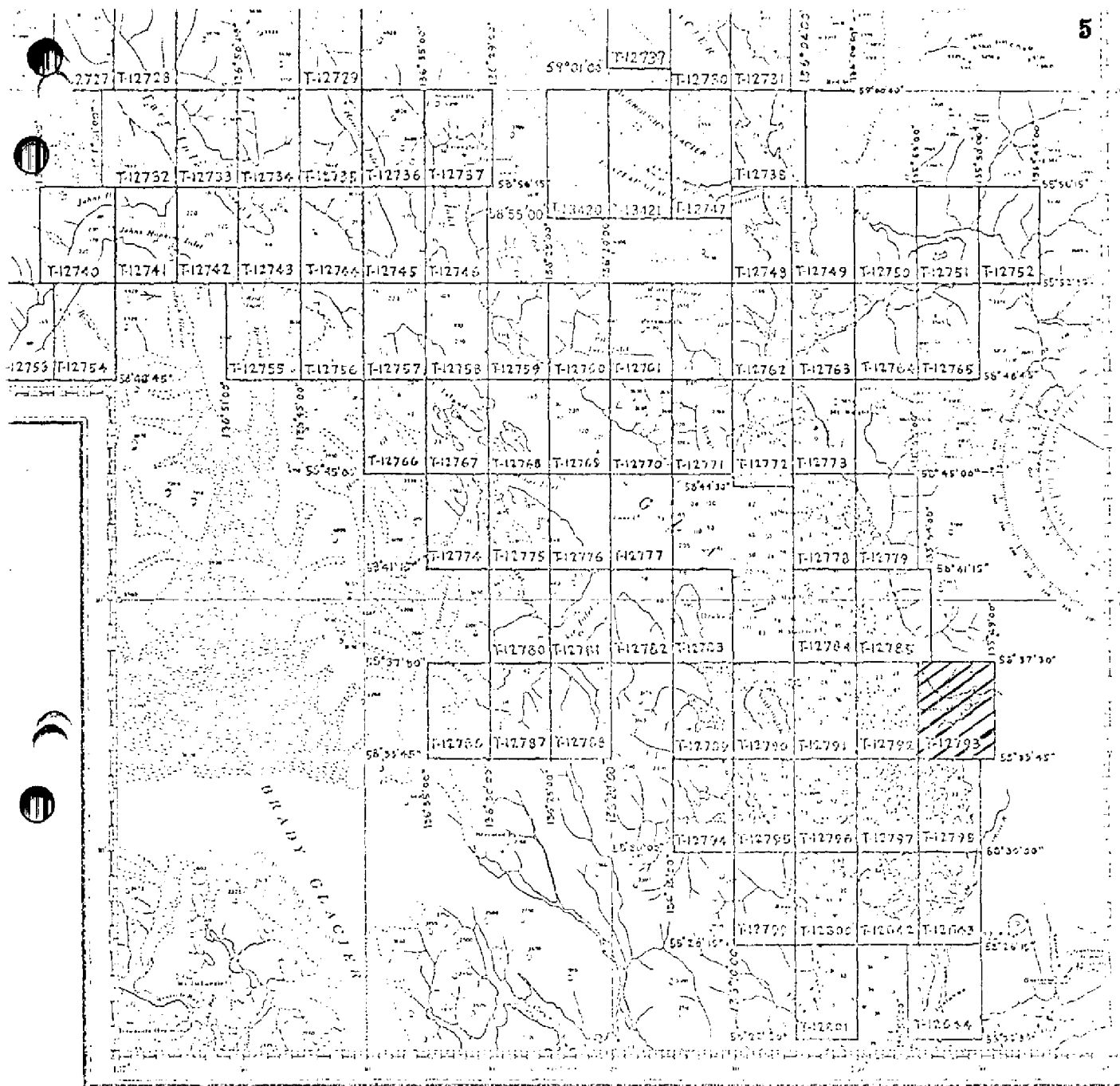
III. FEDERAL RECORDS CENTER DATA

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 9-5-12 RWH

JOB PH-6502 GLACIER BAY ALASKA

Shoreline Mapping

SCALE 1:10,000

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT T-12793

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.

of Beartrack Cove

Field edit^A was accomplished in October 1973 and applied to the manuscript at the Atlantic Marine Center in February 1975.

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

The original manuscript was a stabilene sheet 38 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,

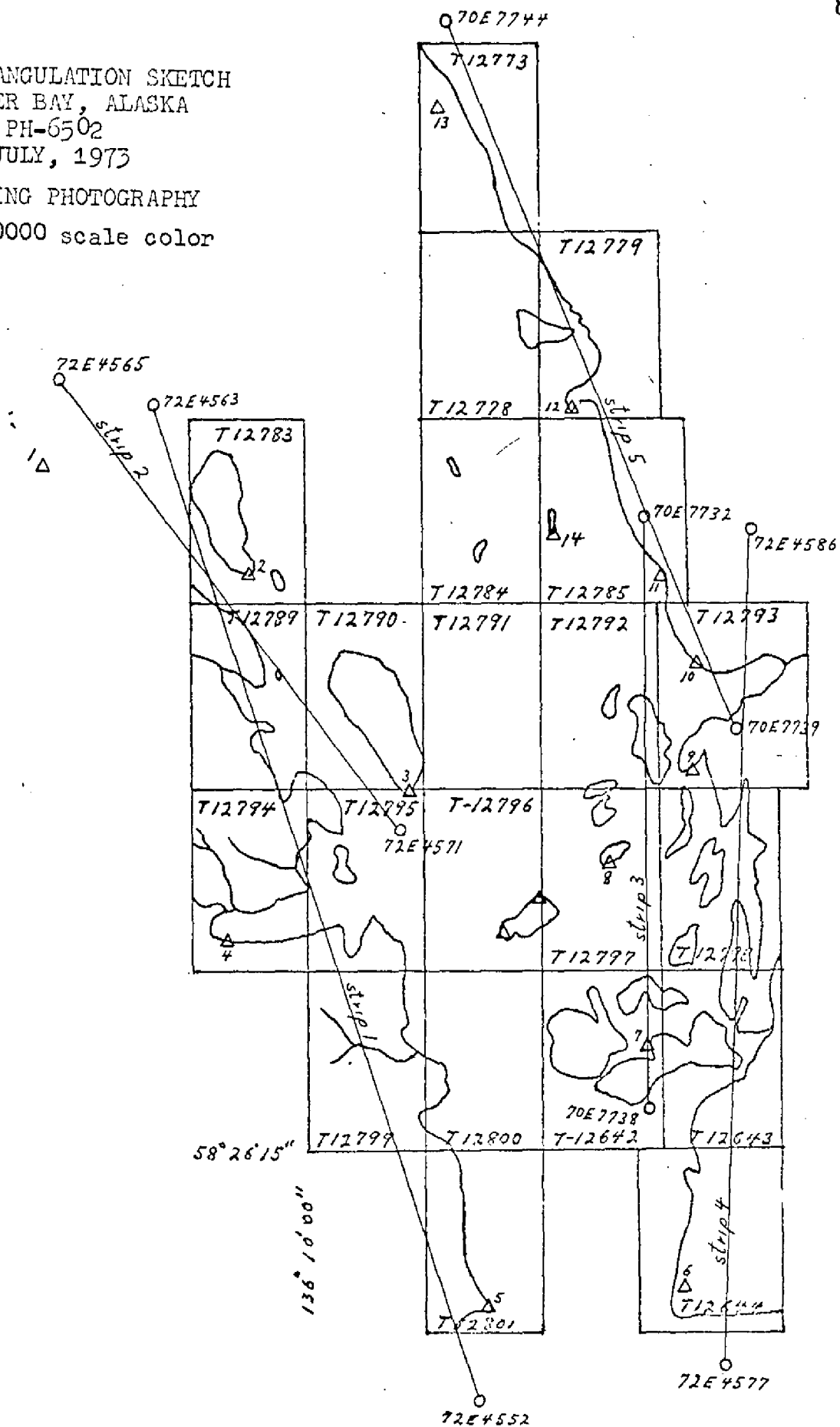
Don O. Norman
Don O. Norman

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



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		COORDINATES IN FEET STATE <u>Alaska</u> ZONE <u>1</u>	GEOGRAPHIC POSITION		ORIGINATING ACTIVITY Division, Norfolk, Va.	REMARKS	
				SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER		ϕ LATITUDE λ LONGITUDE	FORWARD		BACK	
T-12793	LAMB, 1939	G.P.VOL 3 P. 799				X=	ϕ 58 36 07.700	238.3	(1618.2)		
						Y=	λ 135 52 36.385	587.6	(381.2)		
	BEAR, 1939	G.P.VOL 3 P. 799				X=	ϕ 58 35 28.988	896.9	(959.7)		
						Y=	λ 135 51 28.903	466.9	(502.4)		
	VEGA, 1939	G.P.VOL 3 P. 799				X=	ϕ 58 33 56.693	1754.1	(102.3)		
						Y=	λ 135 53 10.697	172.9	(797.5)		
	TRACK, 1939	G.P.VOL 3 P. 800				X=	ϕ 58 36 19.728	610.4	(1246.1)		
						Y=	λ 135 50 09.036	145.9	(823.1)		
	CANT, 1939	G.P.VOL 3 P. 799				X=	ϕ 58 36 09.918	306.9	(1549.6)		
						Y=	λ 135 52 57.236	924.4	(44.6)		
						X=	ϕ				
						Y=	λ				
						X=	ϕ				
						Y=	λ				
						X=	ϕ				
						Y=	λ				
						X=	ϕ				
						Y=	λ				
						X=	ϕ				
						Y=	λ				
COMPUTED BY	A. C. Rauck, Jr.			DATE		COMPUTATION CHECKED BY	Charles Goodie	DATE	8/3/73		
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.

COMPLIATION REPORT

T-12793

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 USGS Quadrangle: Juneau (C-6) Alaska, scale 1:63,360, dated 1950.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with the following Coast & Geodetic Survey chart: 8202, scale 1:209,978, 17th edition, Sept. 11, 1971

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Albert C. Rauck, Jr. FOR
Charles Parker
Cartographic Aid
Sept. 10, 1973

Approved:

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

ADDENDUM TO THE COMPILATION REPORT

T-12793

FIELD EDIT

Field Edit of the Beartrack Cove area was satisfactory.

During Final Review, the foul lines were removed from the Hutchins Bay area, and the approximate mean lower low water line was added from office interpretation of the photographs.

Submitted by:

Charles H. Bishop

Charles H. Bishop
Final Reviewer
August 26, 1977

July 26, 1977

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6502 (Glacier Bay, Alaska)

T-12793

Beardslee Islands

Beartrack Cove

Beartrack Island

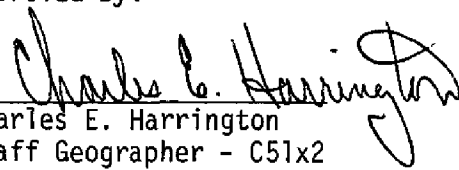
Beartrack River

Hutchins Bay

Link Island

Glacier Bay National Monument

Approved by:


Charles E. Harrington
Staff Geographer - C51x2

NOAA FORM 75-74
(7-75)

PHOTOGRAMMETRIC OFFICE REVIEW

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL OCEAN SURVEY

TP - 12793

1. PROJECTION AND GRIDS ALS	2. TITLE ALS	3. MANUSCRIPT NUMBERS ALS	4. MANUSCRIPT SIZE ALS
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY ALS	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) NA		7. PHOTO HYDRO STATIONS ALS
8. BENCH MARKS NA	9. PLOTTING OF SEXTANT FIXES NA	10. PHOTOGRAMMETRIC PLOT REPORT ALS	11. DETAIL POINTS ALS
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE ALS	13. LOW-WATER LINE ALS	14. ROCKS, SHOALS, ETC. ALS	15. BRIDGES ALS
16. AIDS TO NAVIGATION ALS	17. LANDMARKS ALS	18. OTHER ALONGSHORE PHYSICAL FEATURES ALS	19. OTHER ALONGSHORE CULTURAL FEATURES ALS
PHYSICAL FEATURES			
20. WATER FEATURES ALS	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 ALS
CULTURAL FEATURES			
27. ROADS ALS	28. BUILDINGS ALS	29. RAILROADS ALS	30. OTHER CULTURAL FEATURES ALS
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES ALS	34. JUNCTIONS ALS		35. LEGIBILITY OF THE MANUSCRIPT ALS
36. DISCREPANCY OVERLAY ALS	37. DESCRIPTIVE REPORT ALS	38. FIELD INSPECTION PHOTOGRAPHS NA	39. FORMS ALS
40. REVIEWER A. L. Shands 9/18/73		SUPERVISOR, REVIEW SECTION OR UNIT 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 J. R. Minton 2/21/75 James R. Minton		SUPERVISOR Albert C. Rauck, Jr.	
43. REMARKS See form 76-36c, Item 8			

FIELD EDIT REPORT

Map T-12793
Beartrack Cove,
Glacier Bay, Alaska
October 1973

Field edit of map T-12793 was done by LT Robert Hopkins and ENS Andrew Snella, during October 1973. Inspection was done from a small boat and on foot when necessary.

METHOD

The field photographs and a copy of the field edit ozalid were examined in the field. The area below latitude 58°34'30" N. was not field edited due to low priority of this area. Mean high water line verification was done by visual comparison of the shore and the ozalid in the field. Sextant fixes were used when necessary for verification and location of rocks and reefs in this 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,

for Frank P. Rossi
for Andrew Snella
ENS, NOAA

Approved and Forwarded:

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

STATION	TIME	DESCRIPTION	L ANGLE	R ANGLE	CHK ANGLE	L	C	R	CH
	105°W	280 - 7 OCTOBER 1973							
300	1330	HWL - North Limit of Marsh EXTENDS IMLAND of Fix							
301	1335	HWL - { ROCK BARS 3 ft. - 12 METERS SEAWARD of Fix }	66-40	32-15	22-25	021	023	025	353
302	1355	HWL Mouth of TIDAL Pool AT HWL AT Shoreline	69-42	32-37	-	021	023	025	-
303		HWL	64-44	24-24	18-55	021	023	353	352
304		HWL	33-45	27-05	28-53	023	350	352	025
305	1525	Rock BARS 4 1/2 ft.	64-28	45-25	59-48	021	023	351	025
306		HWL	62-47	47-52	63-58	021	023	351	025
			61-57	48-10	60-24	021	023	351	025
		283 - 10 OCTOBER 1973							
307	0925	Edge of foul - covered 4 ft.							
308	0929	Edge of foul - covered 4 ft.	91-45	55-11	-	021	023	356	-
309	0935	Edge of foul - covered 4 ft.	84-00	43-11	-	021	023	356	-
310	0937	Edge of foul - covered 4 ft.	83-32	51-05	-	021	023	356	-
			90-04	55-23	-	021	023	356	-
		HWL AT SIG # 023							
		HWL 1 METER South of # 024							
		HWL AT # 357							
		HWL AT # 358							
		HWL 8 METERS SOUTH							
		20 METERS Northeast } of SIG # 350							
		21 METERS North							
		HWL AT # 351							
		HWL AT # 352							
		HWL 2 METERS Southwest of # 353							

REVIEW REPORT
T-12793

SHORELINE

August 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 Survey T-6678, 1:20,000 scale, dated Aug.-Sept. 1939 (Beartrack Cove) and Survey T-6677, 1:20,000 scale, dated Sept. 1938, June-Sept. 1939 (southwest corner of Beartrack Cove and Hutchins Bay). No significant differences were noted.

In the areas compared, T-12793 supersedes T-6677 and T-6678 for nautical chart construction purposes. T-6677 and T-6678 are the latest registered prior surveys of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with USGS Quadrangle JUNEAU (C-6), ALASKA, 1:63,360 scale, dated 1948. No significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

None--no contemporary hydrographic surveys were available for comparison.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 17300 (8202), 1:209,978 scale, 20th edition, dated Jan. 1, 1977. No significant difference was noted. The 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
August 26, 1977

Approved for forwarding:

Joseph W. Vonasek

Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

D. K. Hayward

Chief, Photogrammetric Branch

James L. Bishop

Chief, Coastal Mapping Div.