

T-12773

ORIGINAL

T-12773

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-12773..
Classification No. Final Edition No. .1.....
Field Edited Map

LOCALITY

State . Alaska.....
General Locality . Glacier Bay.....
Locality ... Garforth Island.....

1970 TO 1973

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 TP. <u>12773</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB <u>PH-6502</u>	
DESCRIPTIVE REPORT - DATA RECORD PHOTOGRAMMETRIC OFFICE Coastal Mapping Division, 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 <u>PH-</u> MAP CLASS <u></u> SURVEY DATES: 19 <u></u> TO 19 <u></u>	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Compilation, Amend. I - April 23, 1970 Aerotriangulation - May 18, 1973 Compilation - Supp. II - June 14, 1973 Final Review June 3, 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 Polyconic				4. GRID(S) STATE <u>Alaska</u> ZONE <u>1</u>			
5. SCALE 1:10,000				STATE <u></u> ZONE <u></u>			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION METHOD: Analytic				BY D. Norman		July 1973	
LANDMARKS AND AIDS BY							
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat				PLOTTED BY D. Phillips		July 1973	
				CHECKED BY D. Phillips		July 1973	
3. STEREOSCOPIC INSTRUMENT COMPILATION				PLANIMETRY BY L. B. Foltz		Aug. 1973	
INSTRUMENT: Wild B-8				CHECKED BY L. O. Neterer Jr.		Aug. 1973	
SCALE: 1:15,000				CONTOURS BY N/A			
				CHECKED BY N/A			
4. MANUSCRIPT DELINEATION				PLANIMETRY BY Frank Margiotta		Sept. 1973	
				CHECKED BY L. O. Neterer Jr.		Sept. 1973	
METHOD:				CONTOURS BY N/A			
				CHECKED BY N/A			
SCALE: 1:10,000				HYDRO SUPPORT DATA BY Frank Margiotta		Sept. 1973	
				CHECKED BY L. O. Neterer Jr.		Sept. 1973	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT				BY L. O. Neterer Jr.			
6. APPLICATION OF FIELD EDIT DATA				BY Frank Margiotta		May 1974	
				CHECKED BY G. R. Vanderhaven		May 1974	
7. COMPILATION SECTION REVIEW				BY G. R. Vanderhaven		May 1974	
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 J. B. Phillips		Jan. 1978	
11. MAP REGISTERED - COASTAL SURVEY SECTION				BY R. T. Carter		Mar. 1978	

T-12773
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC8 "E"		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR X (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE ZONE Pacific MERIDIAN 120th	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
72E(C) 4785 thru 4788	7/4/72	14:38	1:30,000	3.5 ft. above MLLW	
*70E(C) 7746 thru 7748	7/27/70	12:30	1:40,000	8.9 ft. above MLLW	

REMARKS

*Bridging

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water 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 photographs and sextant fixes taken by the field editor.

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-12763	No Survey	T-12778	T-12772

REMARKS

T-12773
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Watkins, Jr.	June 1970
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	NONE A.F.D. A.F.D. June 1970 June 1970
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED XXXXXXXXXX	N.A. N.A. N.A.
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	NONE N.A. N.A.
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 ~~RECOVERED~~ Premarked2. VERTICAL CONTROL IDENTIFIED
N.A.

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
70E(C)7751	SNOWWHITE, 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

T-12773
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	C. Burroughs	Sept. 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	N.A. N.A. N.A.
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 N/A	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (Clarification of details) 72E(C)4785			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED None			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
5. GEOGRAPHIC NAMES: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> 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			

T-12773
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	Sept. 1973	Class III manuscript superseded	9/6/73	9/6/73
Field Edit applied compilation complete	May 1974	Class I manuscript superseded		
Final review	Aug. 1977	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: _____

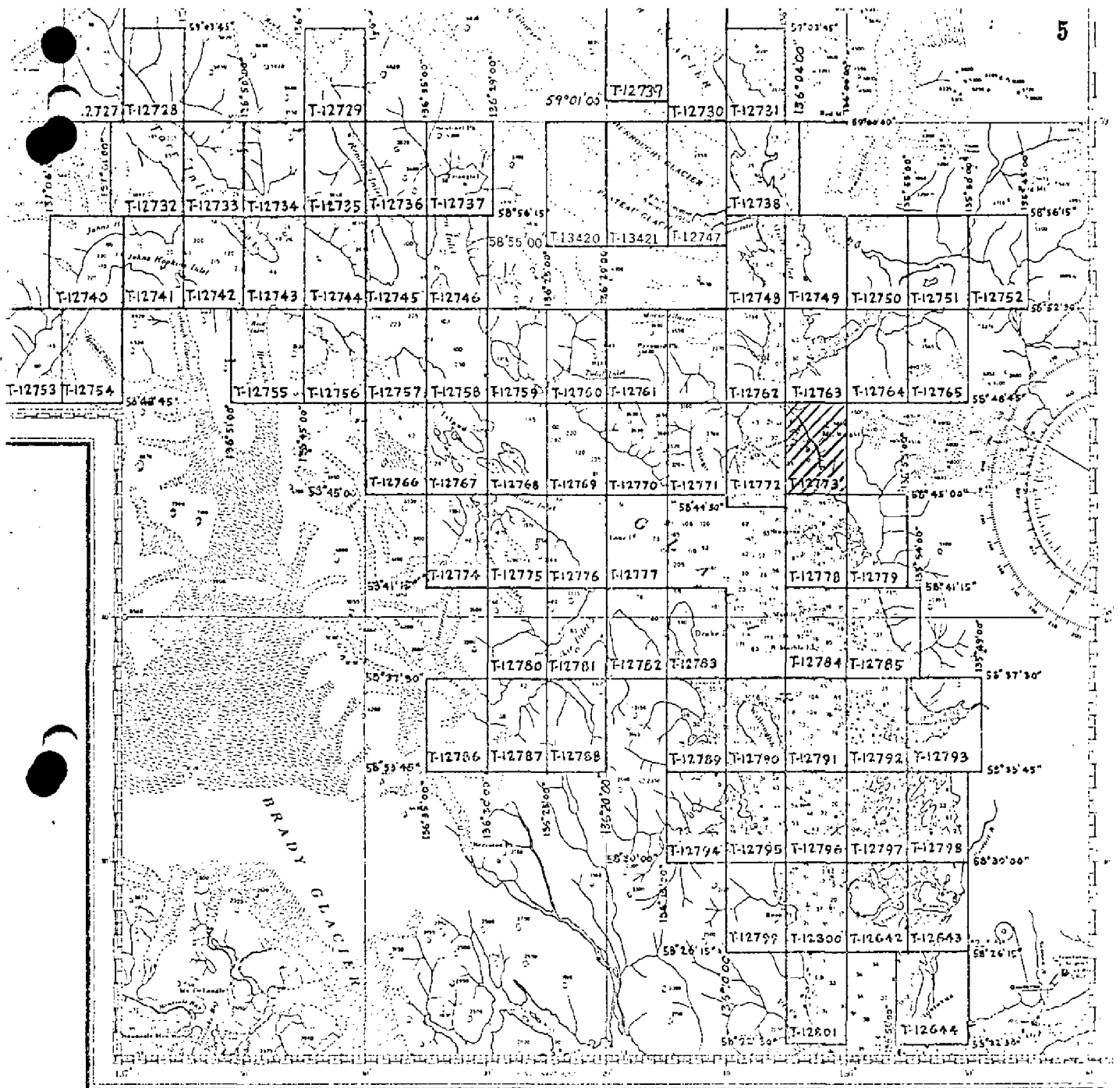
III. FEDERAL RECORDS CENTER DATA

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-12773

This 1:10,000 scale shoreline survey is one of 80 maps that comprise Project PH-6502, Glacier Bay, Alaska. It is on the northeast side of Glacier Bay, at the south end of Muir Inlet.

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

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

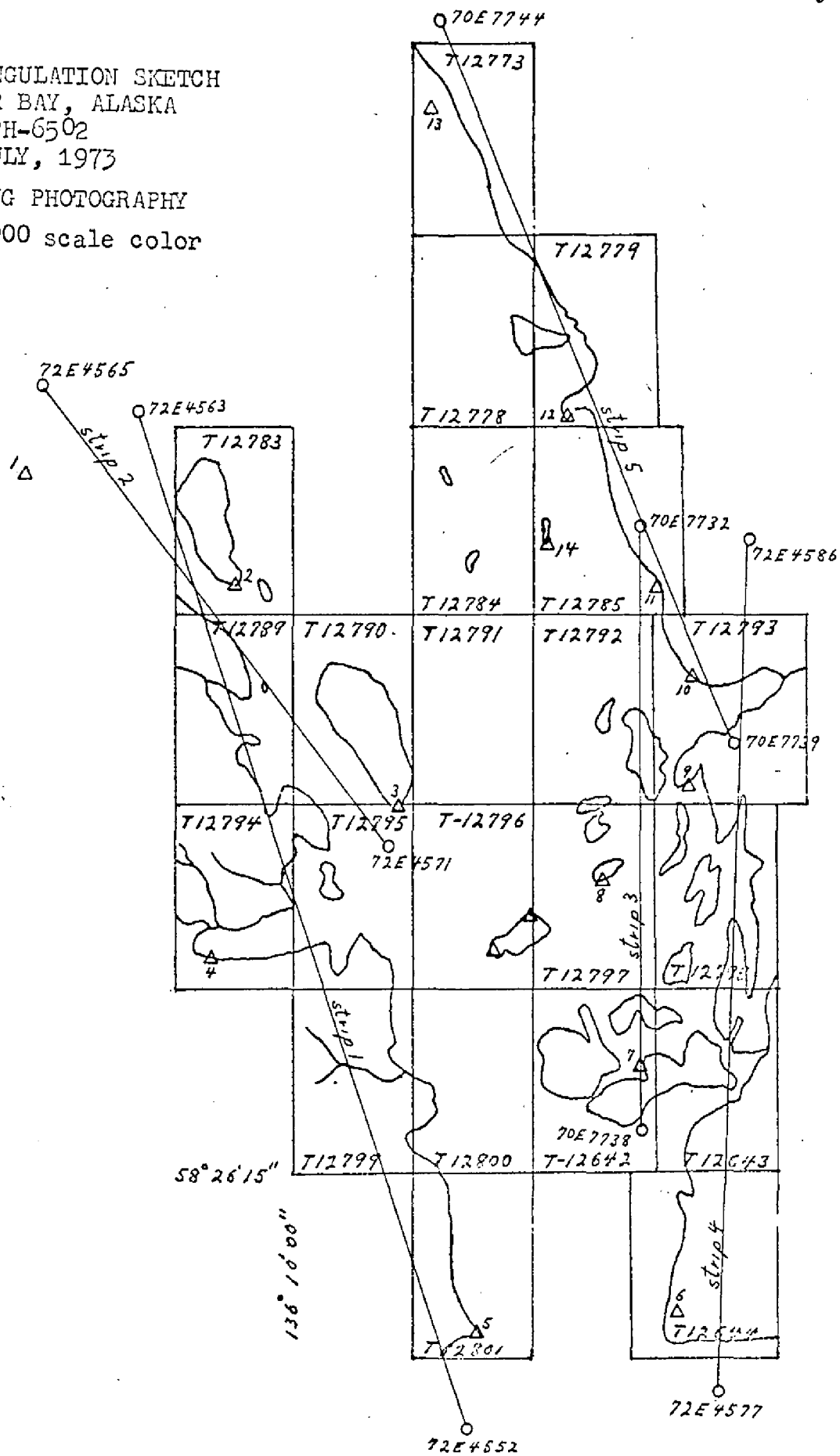
6 STAVE, 1938 (+1.5, -1.3)
773802 (-6.2, +2.7)
736801 (+3.4, -2.0)
9 VEGA, 1939 (+3.3, +0.3)
733802 (-2.0, +0.3)

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)

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

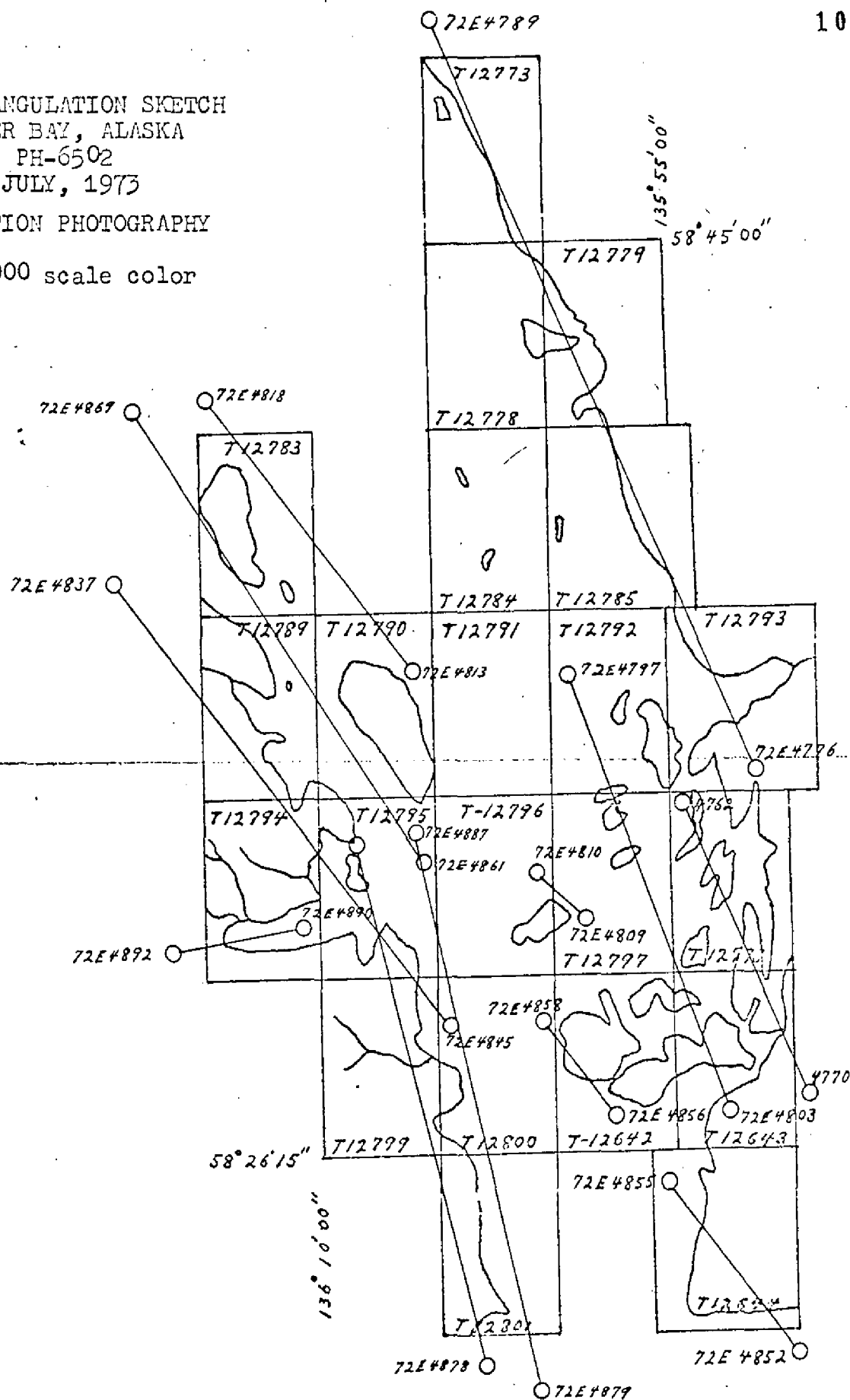
BRIDGING PHOTOGRAPHY
01:40000 scale color



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

COMPILATION PHOTOGRAPHY

01:30000 scale color



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	PH-6502	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM		ORIGINATING ACTIVITY	
					COORDINATES IN FEET STATE <u>Alaska</u> ZONE <u>1</u>	NA <u>1927</u>	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	Division, Norfolk, Va.
T-12773	SNOWWHITE 1970	Bridge Form 164 P. 3	35100		X=	2,228,515.19	ϕ	3515.19 (1484.81)
					Y=	2,549,955.32	λ	4955.32 (44.68)
	FORTH 1939	Alaska Vol. I P. 792			X=		ϕ 58 47 12.373	382.9 (1473.7)
					Y=		λ 136 04 24.632	395.7 (568.4)
	GARB 1939	Alaska Vol. I P. 805			X=		ϕ 58 47 12.095	374.3 (1482.3)
					Y=		λ 136 03 09.946	159.8 (804.3)
	GOOSE 1939	Alaska Vol. I P. 805			X=		ϕ 58 45 12.197	377.4 (1,479.2)
					Y=		λ 136 01 28.889	464.5 (499.6)
					X=		ϕ	
					Y=		λ	
					X=		ϕ	
					Y=		λ	
					X=		ϕ	
					Y=		λ	
					X=		ϕ	
					Y=		λ	
					X=		ϕ	
					Y=		λ	
					X=		ϕ	
					Y=		λ	
COMPUTED BY								
					DATE	COMPUTATION CHECKED BY		DATE
LISTED BY					DATE			DATE
HAND PLOTTING BY	C. H. Bishop				DATE	LISTING CHECKED BY	A. L. Shands	DATE
					DATE	HAND PLOTTING CHECKED BY		DATE

COMPILATION REPORT

TP-12773

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 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 office interpretation of 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: Mt. Fairweather (D-1) Alaska scale 1:63,360 dated 1954.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been with the following Coast and 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:

Frank Margiotta
Frank Margiotta
Cartographic Technician
Sept. 1, 1973

Approved:

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

ADDENDUM TO THE COMPILATION REPORT

TP-12773

FIEDL EDIT

Rock height data was not supplied for several rocks that are close to the shoreline and not hazardous to navigation. Field edit was otherwise adequate.

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6502 (Glacier Bay, Alaska)

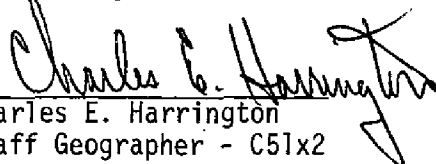
T-12773

Garforth Island

Muir Inlet

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 - 12773			
1. PROJECTION AND GRIDS L.O.N.	2. TITLE L.O.N.	3. MANUSCRIPT NUMBERS L.O.N.	4. MANUSCRIPT SIZE L.O.N.
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY L.O.N.	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) XX		7. PHOTO HYDRO STATIONS XX
8. BENCH MARKS L.O.N.	9. PLOTTING OF SEXTANT FIXES G.R.V.	10. PHOTOGRAMMETRIC PLOT REPORT L.O. N.	11. DETAIL POINTS L.O.N.
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE L.O.N.	13. LOW-WATER LINE L.O.N.	14. ROCKS, SHOALS, ETC. L.O.N.	15. BRIDGES L.O.N.
16. AIDS TO NAVIGATION L.O.N.	17. LANDMARKS L.O.N.	18. OTHER ALONGSHORE PHYSICAL FEATURES L.O.N.	19. OTHER ALONGSHORE CULTURAL FEATURES L.O.N.
PHYSICAL FEATURES			
20. WATER FEATURES L.O.N.		21. NATURAL GROUND COVER N.A.	22. PLANETABLE CONTOURS N.A.
23. STEREOSCOPIC INSTRUMENT CONTOURS N.A.	24. CONTOURS IN GENERAL N.A.	25. SPOT ELEVATIONS N.A.	26. OTHER PHYSICAL FEATURES L.O.N.
CULTURAL FEATURES			
27. ROADS L.O.N.	28. BUILDINGS L.O.N.	29. RAILROADS L.O.N.	30. OTHER CULTURAL FEATURES L.O.N.
BOUNDARIES			
31. BOUNDARY LINES N.A.		32. PUBLIC LAND LINES N.A.	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES L.O.N.		34. JUNCTIONS L.O.N.	35. LEGIBILITY OF THE MANUSCRIPT L.O.N.
36. DISCREPANCY OVERLAY L.O.N.	37. DESCRIPTIVE REPORT L.O.N.	38. FIELD INSPECTION PHOTOGRAPHS L.O.N.	39. FORMS L.O.N.
40. REVIEWER <i>Lowell O. Neterer Jr.</i> Lowell O. Neterer Jr.		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 P. Margotta</i> Frank P. Margotta		SUPERVISOR <i>Albert C. Rauck Jr.</i> Albert C. Rauck Jr.	
Reviewer G.R. Vanderhaven		May 1974	
43. REMARKS <i>Albert C. Rauck Jr. For</i> See form 76-36 C, item 8.			

FIELD EDIT REPORTS
Glacier Bay, Alaska
OPR-460
Fall, 1973

INTRODUCTION

Field edit reports are attached for the following maps; T-12772, T-12773, T-12778, T-12779, T-12785, and T-12793. Field photographs and copies of the field edit ozalids were taken into the field. Sextant fixes were plotted on the signal overlays and transferred to the ozalids. Height data for all rocks, ledges, and reefs is either written directly on the ozalid or referenced by fix number to the attached sheets. Due to the limited number of negative tides during the survey, much of this field edit was done at higher tides than would normally be used.

Notes have been made in violet on the ozalids, with deletions in green. All times are based on the 105° W. meridian.

Compilation of the maps is good. Any discrepancies are noted. It is recommended that the maps be revised in accordance with notes on the ozalids and on the attached sheets before acceptance as advanced manuscripts. Field inspection of these maps is complete.

Respectfully submitted,

Frank P. Rossi

for Andrew D. Snella
ENS, NOAA

Approved and forwarded:

Charles A. Burroughs

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

773

775

785

FIELD EDIT REPORT

Map T-12773
Garforth Island,
Glacier Bay, Alaska

Field edit of map T-12773 was done by LCDR John Albright, LT Robert Hopkins, and ENS Andrew Snella during September 1973. Inspection was done from small boats and on foot when 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. The shore line along the mainland is a series of steep bluffs which continue below the surface. See boatsheet FA-20-2-73. Sextant fixes were used for verification and location of rocks 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 advance manuscript.

Respectfully submitted,

Frank Phassi
for Andrew Snella
ENS., NOAA

Approved and forwarded:

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

	TIME	DESCRIPTION	L. ANGL
	105°W	278 - 5 OCT 1973	
330	0945	Rock Covered 8 ft.	70-3
331	0925	Rock Bares 3.5 ft	36-5
332		REJECTED!	
		<u>275 - 2 OCTOBER 1973</u>	
333	1435	Rock Covered 3 ft.	71-1
		<u>276 - 3 OCTOBER 1973</u>	
334	0945	NORTHERN Limit of foul Area	90-
335	1015	WESTERN Limit of foul Area	78-
336	1050	LARGE Rock Covered 1 ft.	113
337	1103	Rock Bares 2 ft.	94-
338	1105	Rock Bares 1 ft INSIDE Foul Area	96-
339	1140	Rock Bares 1 ft.	58-
340	1205	Edge of Ledge - covered 3 ft.	10-
341	1040	ROCKS AWASH AT HIGH WATER (BARES 8 ft)	119

REVIEW REPORT T-12773

SHORELINE

July 1977

61. GENERAL STATEMENT:

See Summary, 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-6756, 1:20,000, dated May-June 1940. No significant differences were noted.

In the area compared, T-12773 supersedes T-6756 for nautical chart construction purposes. T-6756 is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with USGS Quadrangle MT. FAIRWEATHER (D-1), ALASKA, 1:63,360 scale, dated 1954. No significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

None; no contemporary 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 January 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:

Charles H. Bishop

Charles H. Bishop
Cartographer
22 July 1977

Approved for forwarding:

Joseph W. Vonasek

Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

D. K. Hargood

Chief, Photogrammetric Branch

James C. Allen

Chief, Coastal Mapping Division