T-12794 ORIGINAL

T-12794

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-12794

Classification No. III *Edition No.* 1

LOCALITY

State Alaska

General Locality Glacier Bay

Locality Berg Bay

19 64 TO 19 72

REGISTRY IN ARCHIVES

DATE

☆ U.S. GOVERNMENT PRINTING OFFICE: 1974-762-901

NOAA FORM 76-36A (3-72) — U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY: [X] ORIGINAL [ ] RESURVEY [ ] REVISED

SURVEY T - 12794

MAP EDITION NO. (1)

MAP CLASS III

JOB PH 6502

PHOTOGRAMMETRIC OFFICE: Coastal Mapping Division, Norfolk, Va.

OFFICER-IN-CHARGE: Jeffrey G. Carlen, CDR

LAST PRECEEDING MAP EDITION

TYPE OF SURVEY: [ ] ORIGINAL [ ] RESURVEY [ ] REVISED

JOB PH-

MAP CLASS

SURVEY DATES: 19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE		2. FIELD
Compilation Supplement II	6/14/73	February 17, 1970
Aerotriangulation	5/18/73	
Final Review	6/03/77	

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] MEAN HIGH-WATER [ ] MEAN LOW-WATER [ ] MEAN LOWER LOW-WATER [ ] 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	D. O. Norman	Jul 1973
METHOD: Analytic	LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS	PLOTTED BY	Allen	Jun 1973
METHOD: Coradomat	CHECKED BY	Allen	Jun 1973
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	L. B. Foltz	Sep 1973
	CHECKED BY	R. R. White	Sep 1973
INSTRUMENT: Wild B-8	CONTOURS BY	NA	
SCALE: 1:15,000	CHECKED BY	NA	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	E. R. Gustafson	Sep 1973
	CHECKED BY	R. R. White	Sep 1973
METHOD: Smooth drafting	CONTOURS BY	R. R. White	Sep 1973
	CHECKED BY	None	
	HYDRO SUPPORT DATA BY	E. R. Gustafson	Sep 1973
SCALE: 1:10,000	CHECKED BY	R. R. White	Sep 1973
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	R. R. White	Sep 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	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. Cotter	Mar. 1978

NOAA FORM 76-36A — SUPERSEDES FORM C&GS 181 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)

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

T-12794

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S): Wild RC-8 "E" and "M" RC-9A

TIDE STAGE REFERENCE
- [X] PREDICTED TIDES: JUNEAU Willoughby Island
- [ ] REFERENCE STATION RECORDS
- [ ] TIDE CONTROLLED PHOTOGRAPHY

TYPES OF PHOTOGRAPHY LEGEND
- (C) COLOR X
- (P) PANCHROMATIC
- (I) INFRARED

TIME REFERENCE
- ZONE: Pacific
- MERIDIAN: 120th
- [XX] STANDARD
- [ ] DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
72E(c) 4841-4843	7/4/72	15:16	1:30,000	4.6 ft. above MLLW
72E(c) 4890-4891	7/4/72	15:53	1:30,000	5.9 ft. above MLLW
64M(P) 3641-3643	6/12/64	09:26	1:40,000	3.4 ft. below MLLW
64M(P) 3691-3693	6/12/64	10:24	1:40,000	3.9 ft. below MLLW

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was delineated from office interpretation of the 1972 photographs listed above.

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

office interpretation of the 1972 photographs listed above, with frequent reference to the 1964 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
T-12789	T-12795	No contemporary survey	No contemporary survey

REMARKS

NOAA FORM 76-36B
(3-72)

* U. S. GOVERNMENT PRINTING OFFICE: 1974-768-078

NOAA FORM 76-36C
(3-72)

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

T-12794

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION ☐ FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		G.M.P.	Jun 1972
2. HORIZONTAL CONTROL	RECOVERED BY	O.F.S.	Jun 1972
	ESTABLISHED BY	None	
	PRE-MARKED OR IDENTIFIED BY	O.F.S.	June1972
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 ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ 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
Na

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
72E(c)4891	JILL, 1938		

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 ☒ NONE

6. 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

☆U.S. Government Printing Office: 1975 — 665-661/1110, Region No. 6

NOAA FORM 76-36D
(3-72)

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

T-12794

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	Aug 1977	Foul lines removed, 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

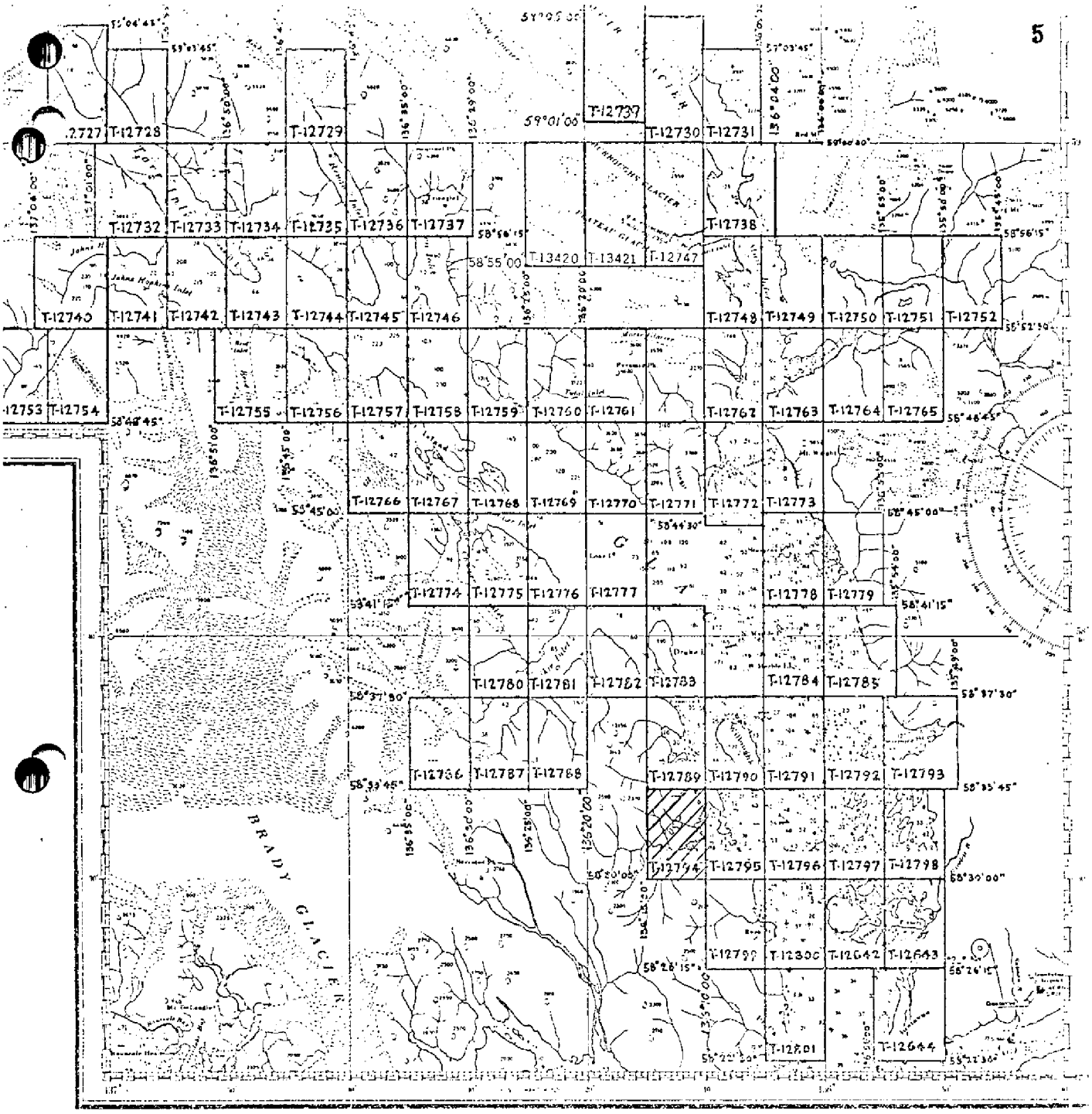
1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. ☐ SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

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

☆U. S. GOVERNMENT PRINTING OFFICE: 1973--778075/1077 REGION NO. 6



REVISED 9-5-72 RWW

JOB PH-6502
GLACIER BAY
ALASKA

Shoreline Mapping

SCALE 1:10,000

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT T-12794

This 1:10,000 scale shoreline survey is one of 80 maps that comprise Project 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: it is subject to correction by field edit, if that should occur in the future.

Final review was done at the Atlantic Marine Center in August 1977. Foul lines were removed and the mean lower low water line was added from office interpretattion of the 1972 photography, with frequent reference to the 1964 photography. The mean high water line was also corrected.

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 sourthern 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:

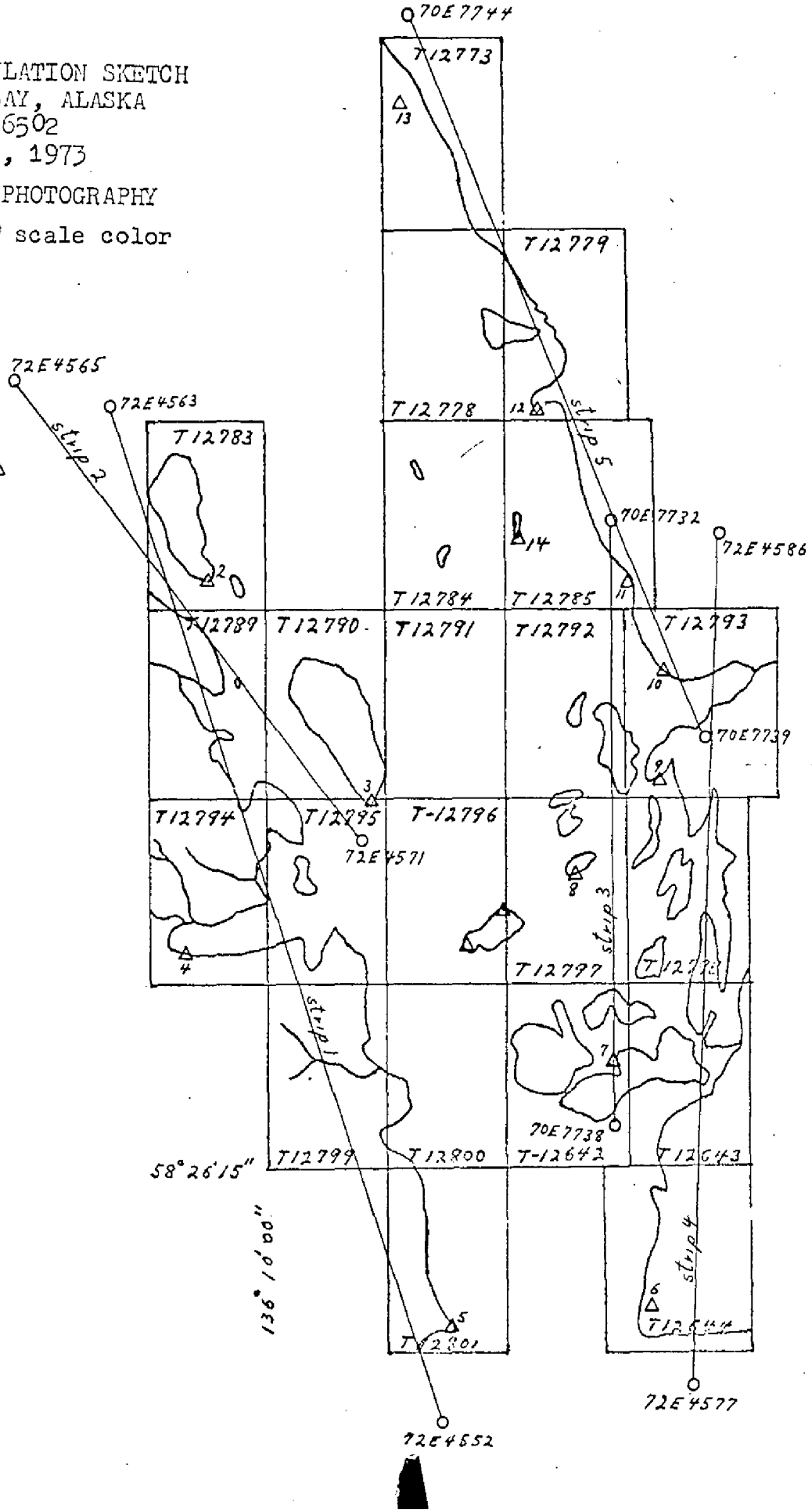
John D. Perrow, Jr.

John D. Perrow, Jr.
Chief, Aerotriangulation
Section

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

BRIDGING PHOTOGRAPHY

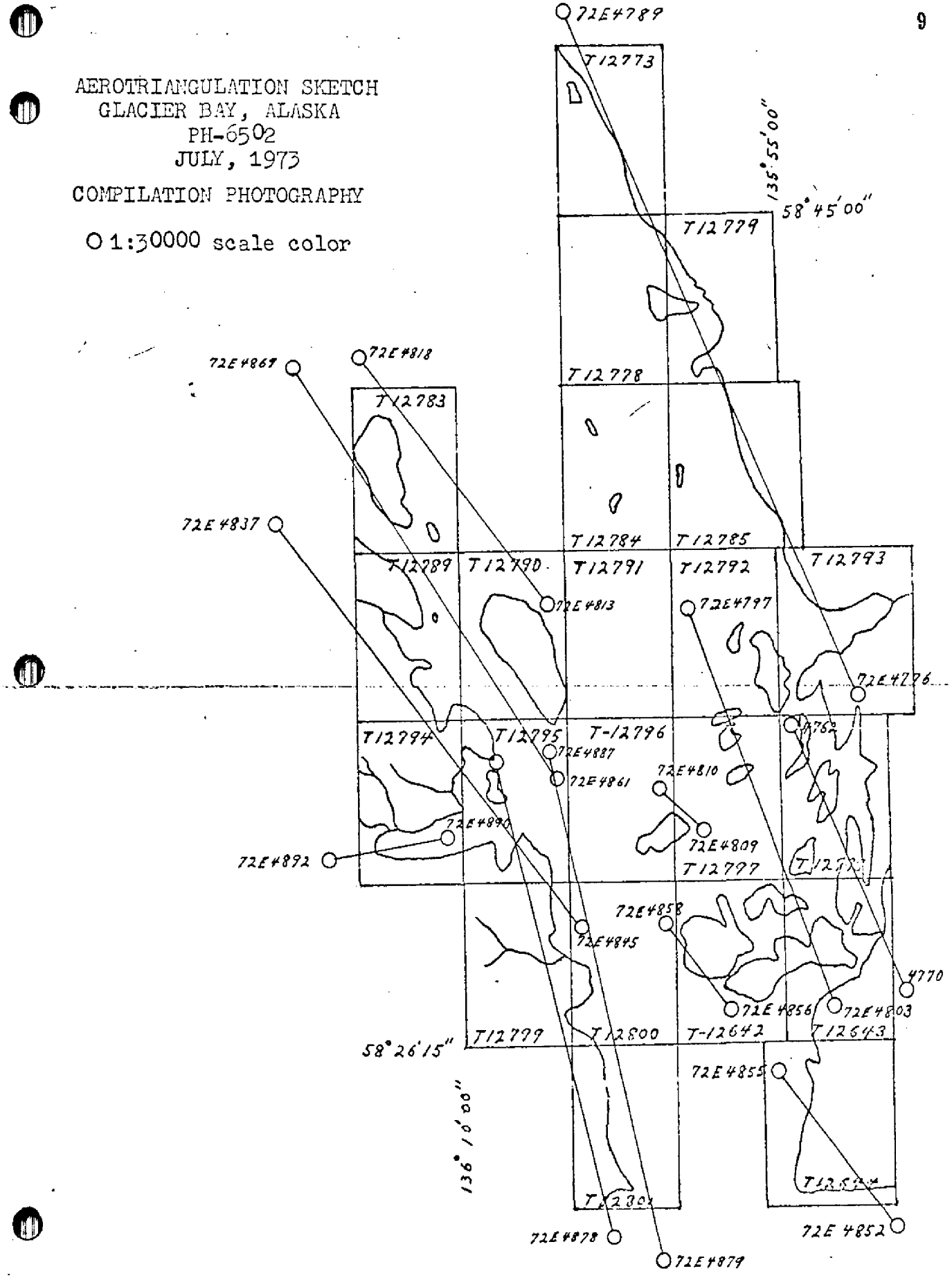
o 1:40000 scale color



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)

NOAA FORM 76-41
(6-75)

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY
T-12794	PH-6502	NA 1927	Coastal Mapping Division, Norfolk, Va.

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE Alaska ZONE 1	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS FORWARD	REMARKS BACK
ORDER, 1938	G.P.VOL3 P. 802		x=	φ 58 30 40.268	1245.9	(610.6)
			y=	λ 136 10 42.285	684.7	(286.8)
INNER, 1938	G.P.VOL3 P. 802		x=	φ 58 31 39.476	1221.4	(635.1)
			y=	λ 136 10 12.438	201.3	(769.7)
ALUM, 1938	G.P.VOL3 P. 802		x=	φ 58 31 06.349	196.4	(1660.1)
			y=	λ 136 10 56.263	910.8	(60.4)
NONE, 1938	G.P.VOL3 P. 802		x=	φ 58 31 06.084	188.2	(1668.3)
			y=	λ 136 12 48.223	780.6	(190.6)
JILL, 1938	G.P.VOL3 P. 802		x=	φ 58 30 45.942	1421.5	(435.0)
			y=	λ 136 12 45.710	740.1	(231.3)
VOTE, 1938	G.P.VOL3 P. 802		x=	φ 58 32 27.212	842.0	(1014.5)
			y=	λ 136 10 00.274	4.4	(966.3)
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		
			x=	φ		
			y=	λ		

COMPUTED BY A. C. Rauck, Jr.	DATE 7/3/73	COMPUTATION CHECKED BY Charles Parker	DATE 7/5/73
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.

11

COMPILATION REPORT

T-12794

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 steroplotter 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 USGS Quadrangle: Mt. Fairweather (C-1) Alaska, scale 1:63,360, dated 1949.

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:

Albert C. Rauck Jr. FOR
F. R. Gustafson
Cartographic Aid
Sept. 26, 1973

Approved:

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

ADDENDUM TO THE COMPILATION REPORT

T-12794

At the Final Review stage, extensive corrections to the mean high water line in Berg Bay were made.

A decision was made that a reasonable mean lower low water line could be determined by comparing the two sets of photographs--1972 color photographs taken at 4.6 ft. and 5.9 ft. stages of tide above mean lower low water, and 1964 panchromatic photographs taken at 3.4 ft. below mean lower low water. The foul lines were removed from the manuscript and the mean lower low water line was added.

Submitted by:

Charles H. Bishop

Charles H. Bishop
Final Reviewer
Aug. 30, 1977

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6502 (Glacier Bay, Alaska)

T-12794

Berg Bay

Glacier Bay National Monument

Fingers Bay

Approved by:

Charles E. Harrington

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 -12794

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
RRW	RRW	RRW	RRW

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY *(Topographic stations)*	7. PHOTO HYDRO STATIONS
RRW	NA	RRW

8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
NA	NA	RRW	RRW

ALONGSHORE AREAS *(Nautical Chart Data)*

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
RRW	RRW	RRW	RRW

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
RRW	RRW	RRW	RRW

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER	22. PLANETABLE CONTOURS
RRW	NA	NA

23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
NA	NA	NA	RRW

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
RRW	RRW	RRW	RRW

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
NA	NA

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS	35. LEGIBILITY OF THE MANUSCRIPT
RRW	RRW	RRW

36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
RRW	RRW	NA	RRW

40. REVIEWER	SUPERVISOR, REVIEW SECTION OR UNIT
Richard R. White Richard R. White 9/26/73	Albert C. Rauck, Jr. 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-12794

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-6630, 1:10,000 scale, dated Aug. - Sept. 1938. The mean high water line on T-6630 is consistently inshore from the mean high water line on T-12794.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with USGS quadrangle MT. FAIRWEATHER (C-1), ALASKA, 1:63,360 scale, dated 1949. 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 January 1, 1977. No significant differences were 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 30, 1977

Approved for forwarding:

Joseph W. Vonasek

Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Coastal Mapping Div.