

ORIGINAL

T-12642

T-12642

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-12642.....  
Classification No. III..... Edition No. ..1.....

### LOCALITY

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

19 61 TO 19 72

### 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 T. <u>12642</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>III</u> JOB PH. <u>6502</u>	
DESCRIPTIVE REPORT - DATA RECORD				LAST PRECEDING MAP EDITION			
PHOTOGRAMMETRIC OFFICE Portland Photogrammetric Office, Portland, Ore. Coastal Mapping Div., Norfolk, Va. OFFICER-IN-CHARGE P. A. Stark, P.P.O. Jeffrey G. Carlen, C.M.D., Norfolk				TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED			
I. INSTRUCTIONS DATED				J. TO 19			
1. OFFICE				2. FIELD			
Compilation Nov. 16, 1964 Aerotriangulation May 18, 1973 Compilation, Supp. II June 14, 1973 Final Review June 03, 1977				February 17, 1970			
II. DATUMS				OTHER (Specify)			
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 checked="" 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				NA			
2. CONTROL AND BRIDGE POINTS PLOTTED BY				Allen		Jul 1973	
METHOD: Coradomat CHECKED BY							
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				R. White		Sep 1973	
COMPILATION CHECKED BY				L.O. Neterer		Sep 1973	
INSTRUMENT: Wild B-8				CONTOURS BY		NA	
SCALE: 1:15,000				CHECKED BY		NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY				L. Graves; W. Gilbert		Dec. 1964 Sep '73	
Graphic (partial) CHECKED BY				C. Bishop; A. Shands		Dec. 1964 Sep '73	
METHOD: Smooth drafting				CONTOURS BY		NA	
SCALE: 1:10,000				CHECKED BY		NA	
HYDRO SUPPORT DATA BY				W. Gilbert		Sep 1973	
CHECKED BY				A. Shands		Sep 1973	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				A. Shands		Sep 1973	
6. APPLICATION OF FIELD EDIT DATA BY							
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-12642  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) 9-lens; Wild RC8"E"&RC9"M"		TYPES OF PHOTOGRAPHY LEGEND  X(C) COLOR X(P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE JUNEAU XX PREDICTED TIDES Bartlett Cove <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				ZONE Pacific MERIDIAN 120th	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
*62 396	7/25/61	15:50	1:10,000	6.9 ft. above MLLW	
*62 409 and 62410	7/25/61	16:03	1:10,000	6.4 ft. above MLLW	
64M(P) 3656 & 3657	6/12/64	09:45	1:40,000	4.1 ft. below MLLW	
72E(C) 4857 & 4858	7/04/72	15:26	1:30,000	5.3 ft. above MLLW	

## REMARKS

\*Field Inspection

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

Field inspection and office interpretation of the photographs  
(South side of Young and Lester Islands, Bartlett Cove, and Southward  
to Pt. Gustavas).Office interpretation of the 1972 color photography  
(All other areas)

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

Office interpretation of the 1964 and 1972 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 T-12797	EAST T-12643	SOUTH T-12644	WEST T-12800
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## REMARKS

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

T-12642

## HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. H. Houlder	May 1964
2. HORIZONTAL CONTROL	RECOVERED BY None	
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY Not known Summer	1964
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
	BEST 1938		
62410	POOR 1938		
62410	BART 1938		

3. PHOTO NUMBERS (Clarification of details)

9-lens Photo 62410

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)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYT-12642  
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

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

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
70E(C)7737	NAME 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 ☒ 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 Control Station Identification

NOAA FORM 76-36D  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONT-12642  
RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
S. Shore Young Id. & Lester Id. compiled for smooth sheet processing	Dec 1964	ADVANCE		
1964 compilation traced to new projection; compilation completed, pending field edit	Sep 1973	Class III		
Final Review prior to registration	Sep 1977	Class III: MLLWL added; kelp limits revised.	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

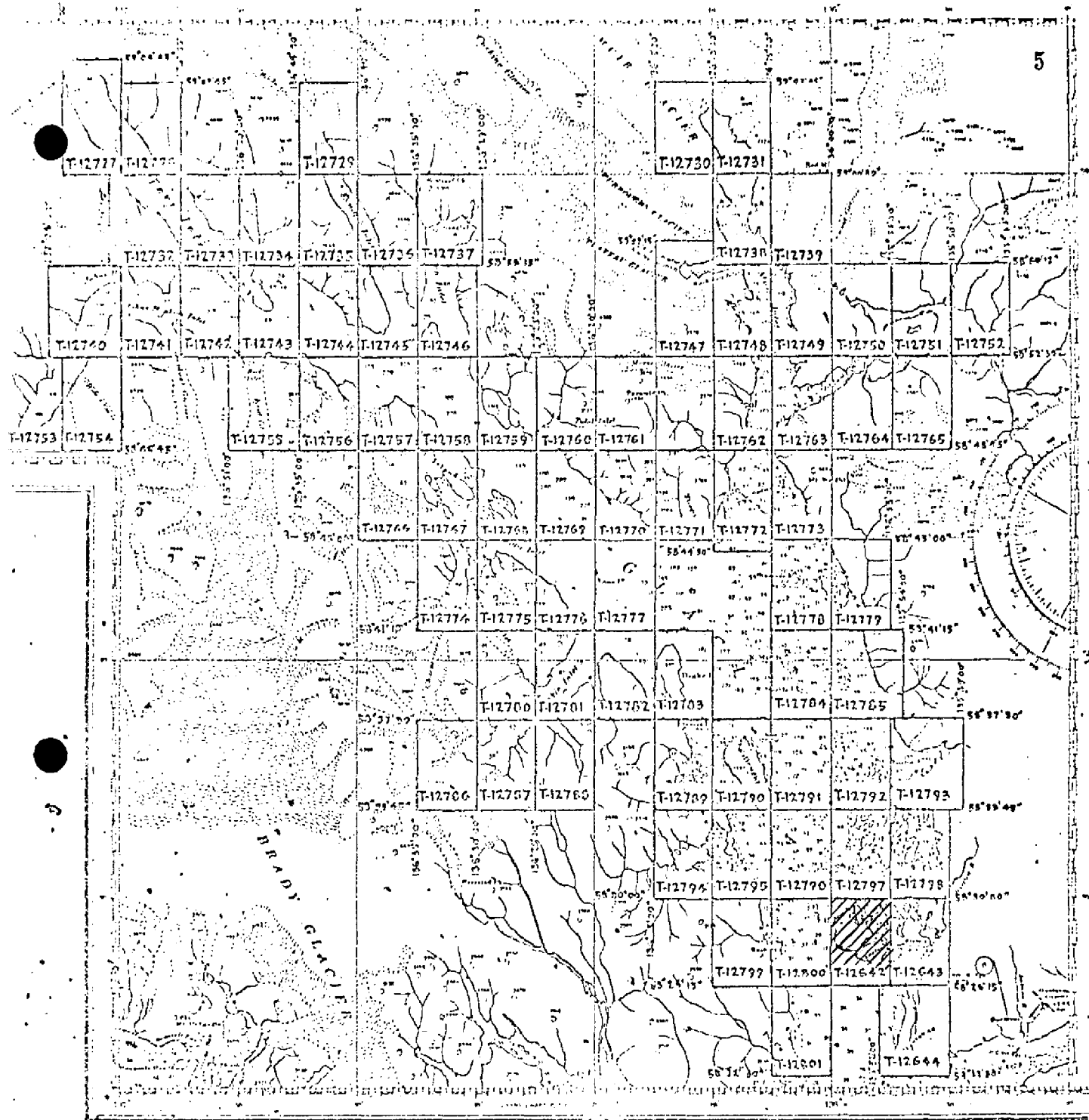
1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.  
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.  
 3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.  
 ACCOUNT FOR EXCEPTIONS:

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	

NOAA FORM 76-36D



JOB PH-6502  
GLACIER BAY,  
ALASKA

Shoreline Mapping

SCALE 1:10,000

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-12642

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

Prior to compilation, field inspection on the south side of Lester and Young Islands was done on 9-lens photography taken in July 1961. There was no field inspection for the remainder of the area.

Compilation of the south shore of Young and Lester Islands was done by graphic methods in the Portland Photogrammetric Office in November and December 1964 and traced to a new projection, now designated as the original manuscript, at the Atlantic Marine Center in September 1973. The remainder of the map (85 percent) was compiled at the Atlantic Marine Center in September 1973.

There is no field edit for any part of this map.

Final review was done at the Atlantic Marine Center in September 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 Section for dispersal.



# PHOTOGRAMMETRIC PLOT REPORT

MAP MANUSCRIPT T-12642, T-12643 AND T-12644

PROJECT 21511

NOV 27 1964

## 21. AREA COVERED:

THE PROJECT COVERS A PORTION OF THE EAST SHORE OF GLACIER BAY, INCLUDING BARTLETT COVE AND INCLUDES THE MAP MANUSCRIPTS SHOWN ABOVE.

## 22. METHOD:

THE GRAPHIC METHOD OF EXTENDING CONTROL WAS USED. FIELD IDENTIFIED CONTROL, OFFICE SELECTED PASS POINTS AND CONJUGATE CENTERS WERE PRICKED ON THE 1:10,000 RATIO PRINTS OF THE SEVEN SINGLE LENS "M" PHOTOGRAPHS. HAND DRAWN CLEAR VINYLITE TEMPLETS WERE MADE FOR EACH OF THE PHOTOGRAPHS. THESE TEMPLETS WERE THEN LAID, HOLDING TO THE IDENTIFIED CONTROL PLOTTED ON THE THREE JOINED MANUSCRIPTS. GOOD CLOSURE WAS OBTAINED. POSITIONS OF THE PASS POINTS AND PHOTOGRAPH CENTERS WERE THEN PRICKED AND INKED ON THE MANUSCRIPTS.

ADEQUATE COVERAGE WAS PROVIDED BY THE SINGLE LENS 1964 PHOTOGRAPHY AND THE 1961 NINE-LENS PHOTOGRAPHS WERE NOT USED IN THE RADIAL PLOT.

## 23. ADEQUACY OF CONTROL:

IDENTIFIED CONTROL AS FURNISHED BY THE FIELD UNIT WAS ADEQUATE TO CONTROL THE RADIAL PLOT FOR SHORELINE MAPPING.

## 24. SUPPLEMENTAL DATA:

NONE.

## 25. PHOTOGRAPHY:

PHOTOGRAPHY WAS ADEQUATE IN COVERAGE, OVERLAP AND DEFINITION.

APPROVED:

SUBMITTED:

P. A. STARK, CDR, C&GS  
PORTLAND FIELD OFFICER

JAMES L. HARRIS  
CARTOGRAPHER

*This report applies only to the south shore of Young and Lester Islands, Bartlett Cove, and southward to Pt. Gustavus.*

*Charles H Bishop  
Final Reviewer  
9-26-77*

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*

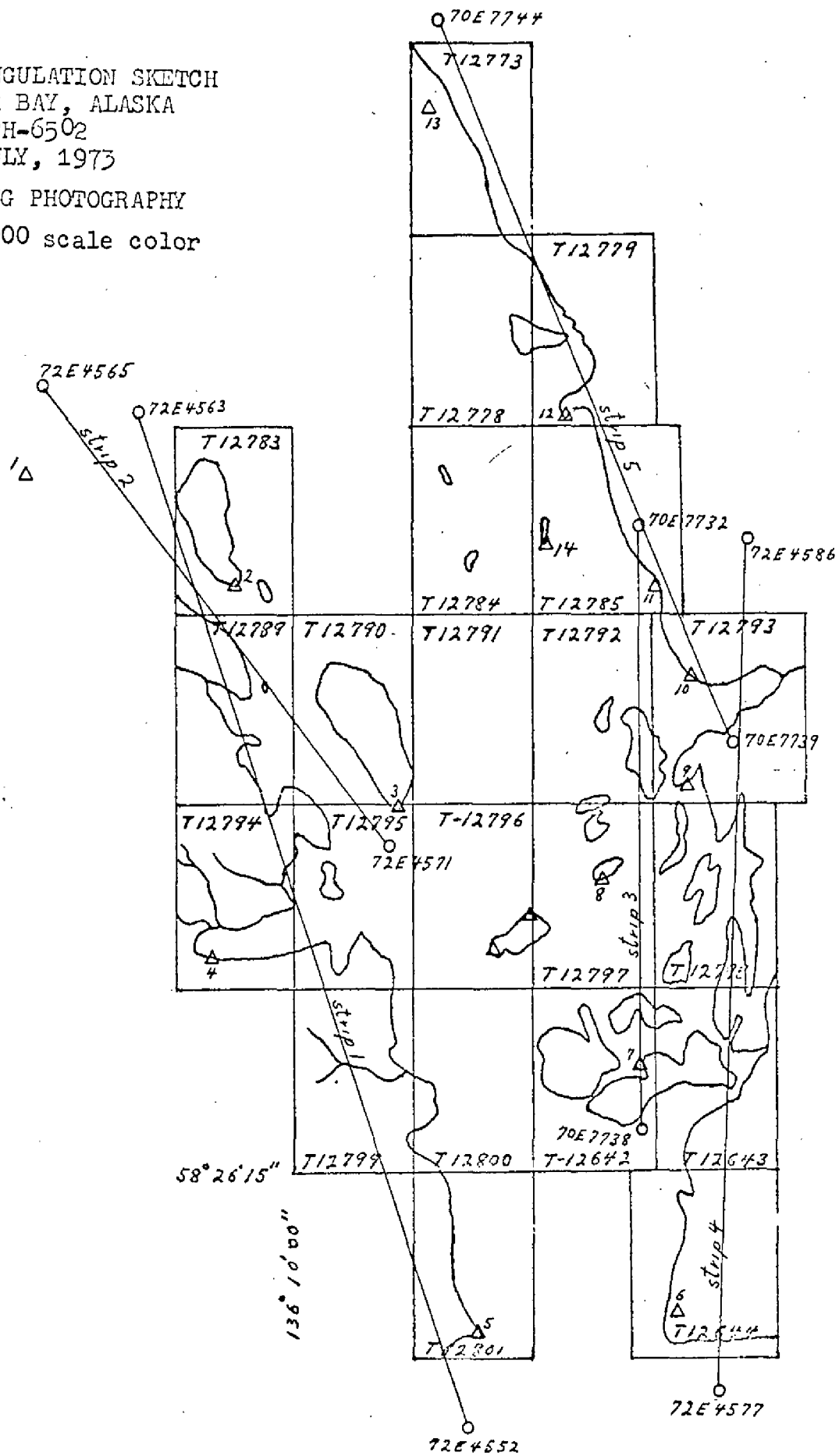
Don O. Norman

approved by:

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

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

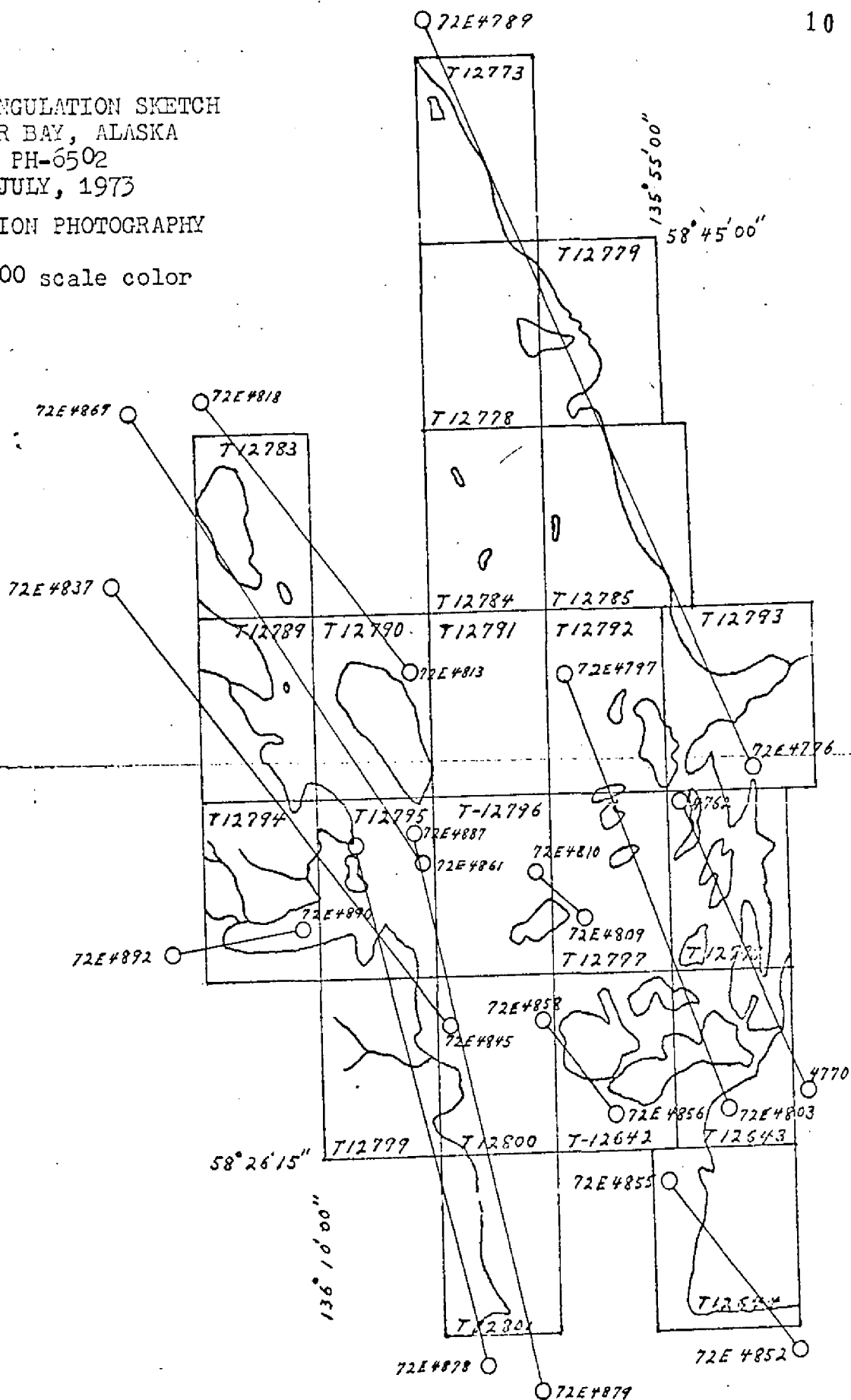
BRIDGING PHOTOGRAPHY  
01:40000 scale color



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

COMPILATION PHOTOGRAPHY

○ 1:30000 scale color



## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	PH-6502		AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY		REMARKS
			STATE	ZONE		NA	1927	STATE	ZONE	φ LATITUDE	λ LONGITUDE	
T-12642			Alaska Quad									
			58135									
BEST,	1938		P.2 3/796									
			G.P.VOL 3									
MINE,	1938		P. 789									
			G.P.VOL 3									
COAL,	1938		P. 789									
			G.P.VOL 3									
MORE,	1938		P. 797									
			G.P.VOL 3									
AXLE,	1938		P. 797									
			G.P.VOL 3									
MAZE,	1939		P. 806									
			G.P.VOL 3									
MADE,	1938		P. 797									
			G.P.VOL 3									
NAME,	1938		P. 797									
			G.P.VOL 3									
RICH,	1938		P.15 3/796									
			Alaska Quad									
POOR,	1938		58135									
			P.13 3/796									
COMPUTED BY	C. E. Blood											
LISTED BY												
HAND PLOTTING BY												

## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	PH-6502	GEODETIC DATUM	NA	1927	ORIGINATING ACTIVITY	Coastal Mapping Division, Norfolk, Va.
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Alaska ZONE 1	GEOGRAPHIC POSITION $\phi$ LATITUDE $\lambda$ LONGITUDE	REMARKS FORWARD BACK		
BART, 1938	G.P. VOL 3 P. 795		X=	$\phi$ 58 27 08.227	254.6' (1601.9)		
			Y=	$\lambda$ 135 55 49.324	800.0' (173.2)		
PICK, 1938	G.P. VOL 3 P. 796		X=	$\phi$ 58 28 29.171	902.6' (953.9)		
			Y=	$\lambda$ 135 56 29.116	471.9' (500.6)		
FILM, 1938	G.P. VOL 3 P. 796		X=	$\phi$ 58 27 53.648	1659.9' (196.6)		
			Y=	$\lambda$ 135 57 32.512	527.1' (445.7)		
			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 W. Gilbert		DATE 9/11/73	COMPUTATION CHECKED BY Charles Parker		DATE 9/11/73		
LISTED BY C. E. Blood		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-12642

31. DELINEATION:

Shoreline on the south side of Young and Lester Islands, from Station MINE 1938 to the east edge of the map, were delineated by graphic methods in the Portland Photogrammetric Office in November and December 1964, using single lens panchromatic low water photography taken in June 1964. A copy of this compilation was traced onto a new projection at the Atlantic Marine Center in September 1973. At this time the remainder of the map (85 percent) was delineated with the Wild B-8 Plotter from color photography taken in July 1972. Coverage and definition were adequate.

32. CONTROL:

See Photogrammetric Plot Reports dated Nov. 27, 1964 and July 1973, bound with this Descriptive Report.

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.

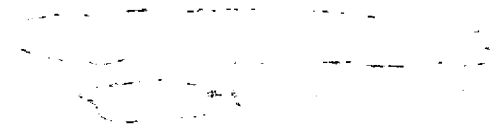
35. SHORELINE AND ALONGSHORE DETAILS:

Alongshore details were delineated by the Wild B-8 stereoplotter and graphic methods 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 (B-6), 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, 15th edition, scale 1:209,978, dated 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*  
Willie Gilbert  
Cartographic Aid  
Sept. 12, 1973

Approved:

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

## ADDENDUM TO COMPILATION REPORT

T-12642

The mean lower low water line was added during Final Review. This line was determined by comparing the 1964 photography, taken at a predicted tide stage of 4.1 feet below mean lower low water, with the 1972 color photography, taken at a predicted tide stage of 5.3 feet above mean lower low water. Kelp limits were revised. There were no corrections to the mean high water line. Rock awash symbols were removed--they were boulders similar to many others in the foreshore area, which is labeled "Gravel and Boulders".

⊙ No corrections or changes were made to the part of the map completed in 1964, except that photo-hydro stations were not mapped.

Submitted by:

*Charles H. Bishop*

Charles H. Bishop  
Final Reviewer  
Sept. 27, 1977

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6502 (Glacier Bay, Alaska)

T-12642

Bartlett Cove

Beardslee Entrance

Beardslee Islands

Glacier Bay

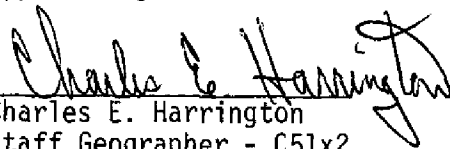
Lester Island

Secret Bay

Young Island

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: - 12642			
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 NA
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 ALS		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 <i>Arnold L. Shands</i> Arnold L. Shands 9/12/73		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-12642

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-6628, 1:10,000 scale, dated July 1938 (south side of Lester Island and Bartlett Cove), and with a copy of Survey T-6677, 1:20,000 scale, dated Sept. 1938, June-Sept. 1939. Generally, the mean high water line on the prior surveys is inshore from the mean high water line on T-12642. Rock awash symbols on the prior surveys fall in the gravel and boulder foreshore area on T-12642.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with USGS Quadrangle JUNEAU (B-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. No significant difference was 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  
Sept. 27, 1977

Approved for forwarding:

*Joseph W. Vonasek*

Joseph W. Vonasek  
Chief, Photogrammetric Branch, AMC

Approved:

*W. K. England*

Chief, Photogrammetric Branch

*James C. Allen*

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