

12193

12193

FORM C&GS-504  U.S. DEPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION COAST AND GEODETIC SURVEY	
<b>DESCRIPTIVE REPORT</b>	
<i>Type of Survey</i> SHORELINE (PHOTOGRAMMETRIC)	
<i>Field No.</i> .....	<i>Office No.</i> T-12193
<b>LOCALITY</b>	
<i>State</i> Alaska	
<i>General locality</i> Keku Strait	
<i>Locality</i> Point Hamilton	
<hr/> 19 62-1969	
<b>CHIEF OF PARTY</b>	
Alfred C. Holmes, Director, AMC	
<b>LIBRARY &amp; ARCHIVES</b>	
DATE .....	

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR  
TO REGISTRATION

DESCRIPTIVE REPORT - DATA RECORD

T - 12193

PROJECT NO. (II): <b>PH-6206</b>														
FIELD OFFICE (II):	CHIEF OF PARTY													
PHOTOGRAMMETRIC OFFICE (III): <b>Atlantic Marine Center Photogrammetric Branch</b>	OFFICER-IN-CHARGE <b>Alfred C. Holmes, -RADM, NOAA Director, AMC</b>													
INSTRUCTIONS DATED (II) (III):  <table border="0"> <tr> <td><b>January 18, 1965</b></td> <td>OFFICE</td> </tr> <tr> <td><b>November 26, 1965</b></td> <td>OFFICE SUPPLEMENT I</td> </tr> <tr> <td><b>March 18, 1966</b></td> <td>OFFICE AMENDMENT I</td> </tr> <tr> <td><b>August 1, 1966</b></td> <td>OFFICE AMENDMENT II</td> </tr> <tr> <td><b>May 11, 1965</b></td> <td>FIELD</td> </tr> <tr> <td><b>June 14, 1965</b></td> <td>FIELD</td> </tr> </table>			<b>January 18, 1965</b>	OFFICE	<b>November 26, 1965</b>	OFFICE SUPPLEMENT I	<b>March 18, 1966</b>	OFFICE AMENDMENT I	<b>August 1, 1966</b>	OFFICE AMENDMENT II	<b>May 11, 1965</b>	FIELD	<b>June 14, 1965</b>	FIELD
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<b>August 1, 1966</b>	OFFICE AMENDMENT II													
<b>May 11, 1965</b>	FIELD													
<b>June 14, 1965</b>	FIELD													
METHOD OF COMPILATION (III): <b>Wild B-8</b>														
MANUSCRIPT SCALE (III): <b>1:10,000</b>	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): <b>1:8,333 pantographed to 1:10,000</b>													
DATE RECEIVED IN WASHINGTON OFFICE (IV):	DATE REPORTED TO NAUTICAL CHART BRANCH (IV):													
APPLIED TO CHART NO.	DATE:	DATE REGISTERED (IV): <b>Sept. 4 1975</b>												
GEOGRAPHIC DATUM (III): <b>N.A. 1927</b>	VERTICAL DATUM (III): <b>MHW</b> <del>MSL</del> EXCEPT AS FOLLOWS: Elevations shown as (25) refer to mean high water Elevations shown as (5) refer to sounding datum i.e., <del>MSL</del> mean lower low water													
REFERENCE STATION (III): <b>HAM 1927 ✓</b>														
LAT.: <b>56° 54' 38.766" (1199.1m)</b>	LONG.: <b>133° 52' 11.373" (192.5m)</b>	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED												
PLANE COORDINATES (IV): <b>1,854,660.72 Ft. ✓      x = 2,645,041.90 Ft. ✓</b>	STATE: <b>Alaska ✓</b>	ZONE: <b>1 ✓</b>												
ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE, OR (IV) WASHINGTON OFFICE. WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.														

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (II): <b>None</b>		DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):  <b>Air photo compilation</b> <b>Date of Photography: June 16, 1962</b> <b>July 29, 1965</b>		
PROJECTION AND GRIDS RULED BY (IV): <b>A. E. Roundtree</b>		DATE <b>11/05/65</b>
PROJECTION AND GRIDS CHECKED BY (IV): <b>R. S. Kornspan</b>		DATE <b>11/05/65</b>
CONTROL PLOTTED BY (III): <b>R. Smith</b>		DATE <b>01/12/66</b>
CONTROL CHECKED BY (III): <b>C.H. Bishop</b>		DATE <b>01/12/66</b>
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): <b>G. M. Ball</b>		DATE <b>Nov. 1965</b>
STEREOSCOPIC INSTRUMENT COMPILATION (III):  <b>Wild B-8</b>	PLANIMETRY <b>L.O. Neterer</b> Rev. By: <b>A. L. Shands</b>	DATE <b>07/28/66</b> <b>07/28/66</b>
	CONTOURS <b>Inapplicable</b>	DATE
MANUSCRIPT DELINEATED BY (III): <b>L. O. Neterer</b>		DATE <b>08/03/66</b>
SCRIBING BY (III): <b>F. P. Margiotta</b>		DATE <b>02/06/69</b>
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): <b>COMPILATION: C.H. Bishop</b> <b>FIELD EDIT: C.H. Bishop</b> <b>SCRIBING &amp; STICKUP: R.E. Smith</b>		DATE <b>10/03/66</b> <b>01/23/69</b> <b>02/07/69</b>
REMARKS:  <b>Field Edit By: June 1968</b>  <b>Ship PATTON</b>		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

Wild RC-8 "W" & Wild RC-9 "M"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
65-M-228 thru 230	29 July 1965	0845 PST	1:50,000	(from predicted tables) -4.3 ft. below MLLW
65-M-276 and 277	29 July 1965	0945 PST	1:50,000	-2.5 ft. below MLLW
65 <sup>2</sup> -W-5570 and 5571	16 June 1962	0957 PST	1:20,000	5.8 ft. above MLLW

TIDE (III)

DIURNAL

	RATIO OF RANGES	MEAN RANGE	EXTREME RANGE
REFERENCE STATION: Ketchikan		13.0	15.4
SUBORDINATE STATION: Hamilton Bay, Kupreanof Island		11.4	13.8
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): *Leo F. Beugnot, AMC* DATE: *Nov 20 1971*

PROOF EDIT BY (IV): DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): RECOVERED: IDENTIFIED:

NUMBER OF BM(S) SEARCHED FOR (II): RECOVERED: IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

REMARKS:

T-12193

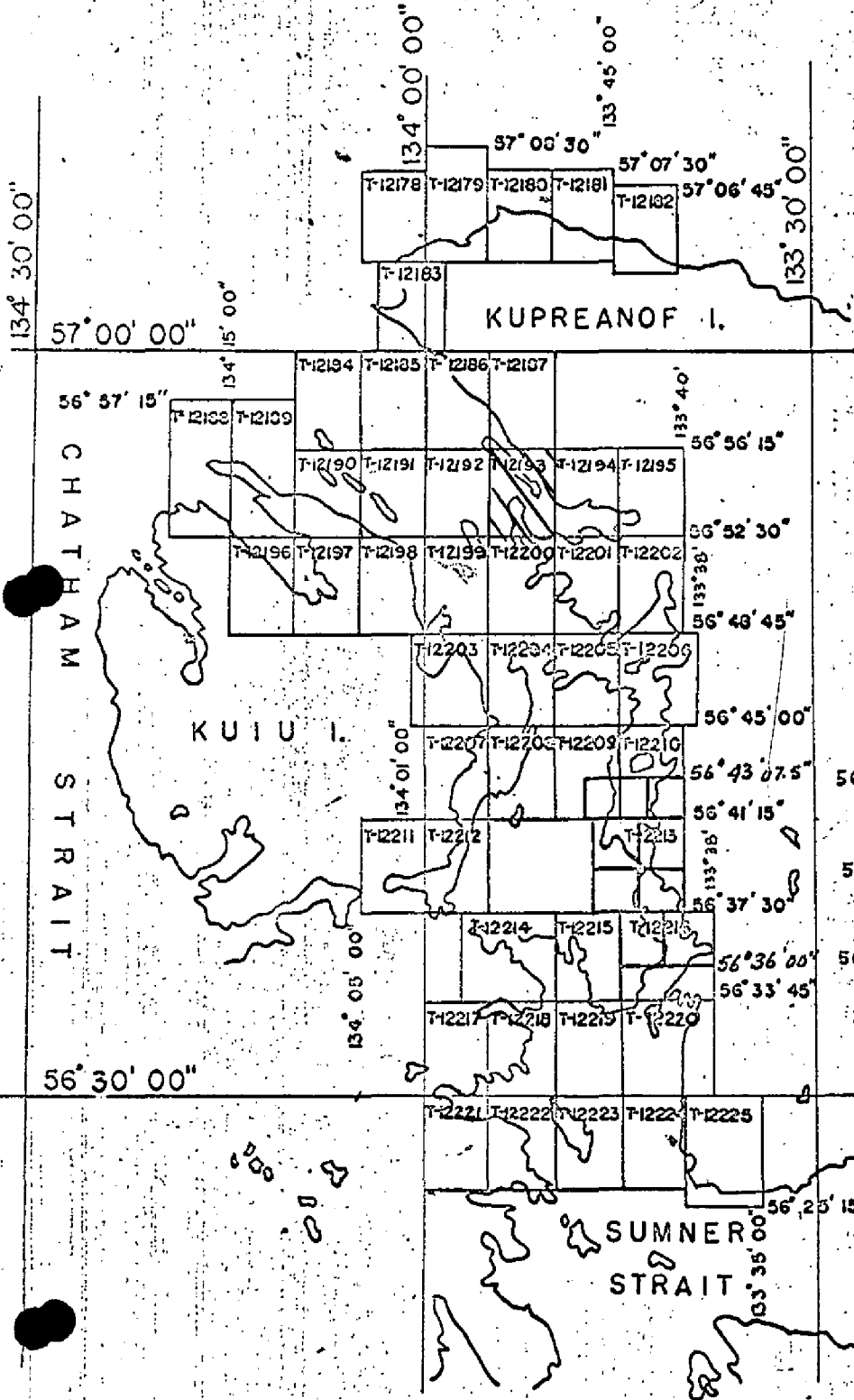
COMPILATION RECORD	COMPLETION DATE	REMARKS
Alongshore area for hydro	Sept. 1966	Superseded
Field Edit Applied Compilation Complete	Jan. 1969	<i>Superseded</i>
<i>Final Review</i>	<i>Nov. 1971 &amp; Dec 1972</i>	
Discrepancies with reviewed hydro surveys resolved; Addendum added to Review Report.	Dec. 1972	

# SHORELINE MAPPING PROJECT

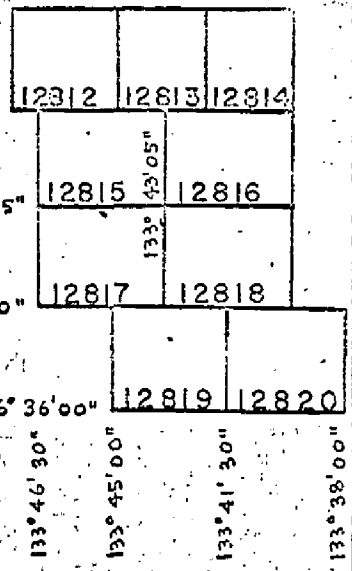
Ph-6206

## KEKU STRAITS, ALASKA

### SCALE 1:10,000



AN ENLARGED  
 DIAGRAM OF THE  
 1:5,000 SCALE SHEETS



Rev. 9-65 R.G.  
 Revised 1-6-65

A.R.

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT T-12193

Shoreline survey T-12193 is one of 53 similar surveys in project PH-6206. The primary purpose of the project was to provide modern shoreline and photo-hydro support data for hydrographic surveys in the Keku Strait area. See page 5 for the area covered by the project and the location of this survey within the project.

There was no field work prior to compilation with the exception of identification of horizontal control for aerotriangulation. The survey was field edited during the course of hydrography.

Compilation was at 1:10,000 scale by Wild B-8 plotter methods using the photography of July 1965. Copies of the incomplete manuscript along with specially prepared photographs and ozalids were furnished for transfer of the shoreline to the boat sheet, photo-hydro support use and field edit.

The compilation manuscript was a vinylite sheet 3 minutes 45 seconds in latitude by 5 minutes in longitude. After application of field edit data the survey was scribed and reproduced on cronaflex. Final review was in the Atlantic Marine Center in November 1971. One cronaflex positive and a negative of the final reviewed survey are forwarded for record and registry.



FIELD INSPECTION REPORT  
T-12193  
Project Ph-6206

There was no field inspection before compilation.

PHOTOGRAMMETRIC PLOT REPORT

Job PH-6206

Keku Straits, Alaska

November 1965

21. Area Covered

This report covers an area of Alaska in the upper portion of Keku Straits and its confluence with Frederick Sound.

22. Method

Analytical aerotriangulation methods were used to bridge four strips of "M" photography at the scale of 1:50,000. The attached sketch of strips bridged shows the amount and placement of triangulation furnished. Closures to control and to tie points have been tabulated.

23. Adequacy of Control

Horizontal control (premarked targets) identified and required to adjust the strips bridged was slightly above our minimum requirements. Two of the four strips were adjusted using only three stations and common tie points as a check to our bridging accuracy. The final results are well within the National Standards of Map Accuracy for the eighteen shoreline sheets to be compiled (T-12178, T-12179, T-12183 thru T-12195, T-12196 thru T-12198).

Control stations that were not used in our final adjustment follow: (1) CORN, 1925, this station is on the tip of a peninsula and so situated that it was impossible to set a model in which this station could have been of any value to our work; (2) KEKU 1927, this target was not visible on either the film or the plates. It is our belief, based upon the published description, that the target might have washed away; (3) HAM 1927, this station was used on Strip #2, however on Strip #3 the target was not visible because the lay-over of trees near the station obscured the target on one photograph.

24. Supplemental Data

Numerous USGS quads were used to obtain elevations required for the final adjustment.

25. Photography

Photography was adequate with regard to coverage, overlap and image definition.

Respectfully submitted:

George M Ball  
George M. Ball

Approved and forwarded:

Henry P. Eichert  
Henry P. Eichert  
Acting Chief, Aerotriangulation Section

CLOSURE TO CONTROL AND TIE POINTS  
(feet)

STRIP #1

BENDEL, 1917  
 ( 0.0 -0.1)  
 KELP, 1965  
 (-0.1 -0.1)  
 PINT, 1965  
 (-0.1 -0.1)

STRIP #2

BENDEL, 1917  
 (+1.3 0.0)  
 CART, 1927  
 (-2.0 -0.6)  
 KAKE, 1927  
 (-1.4 +0.1)  
 AGE, 1927  
 (+1.3 +0.6)  
 AMY, 1927  
 S.S. (-0.5 -0.4)

TIES TO STRIP #1

08401 (-0.2 + 2.6)  
 08402 (-0.9 +10.1)  
 08402 (-0.9 + 9.6)

TIES TO STRIP #3

27401 (+6.7 + 6.2)  
 28401 (+9.0 + 9.1)  
 29401 (+3.4 - 2.4)  
 29401 (+5.5 - 0.7)  
 29402 (+9.5 + 6.0)  
 29403 (+8.2 + 3.7)  
 33401 (+3.2 + 0.4)  
 33402 (+5.0 + 5.4)

STRIP #3

KAKE, 1927  
 (+1.8 -2.1)  
 ALTO, 1927  
 (-2.0 +0.5)

STRIP #3 cont.

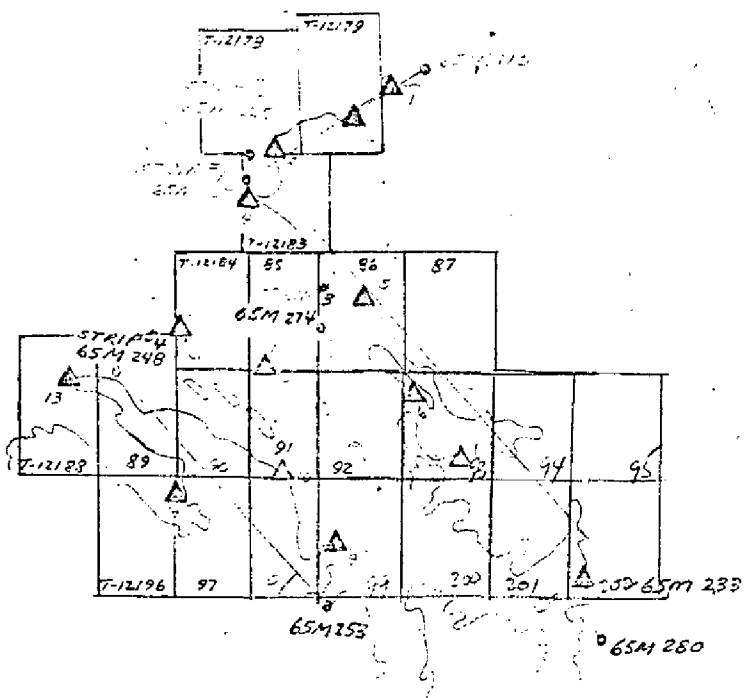
HAM, 1927  
 (-2.8 -0.9)  
 AGE, 1927  
 (+3.4 +3.1)  
 AMY, 1927  
 S.S. (-0.6 -0.9)

STRIP #4

GNAW, 1965  
 (-0.1 0.0)  
 LOW, 1927  
 (-0.1 0.0)  
 LUCK, 1927  
 (-0.1 0.0)

TIES TO STRIP #3

74401 (+0.1 +0.2)  
 74401 (+0.3 +0.6)  
 75401 (+9.3 -6.2)  
 76401 (+3.1 +3.2)  
 76402 (+6.7 +5.4)



KEKU STRAITS, ALASKA  
 PH - 6206  
 SHIPBOARD MAPPING  
 SCALE 1:10,000  
 SHORE LINE FROM  
 SCALE 1:50,000

KEY TO SYMBOLIZATION

1. CHART, 1965
2. KEMP, 1965
3. SENDEL, 1917
4. CHART, 1927
5. KAKE, 1927
6. HAD, 1927
7. ASL, 1927
8. HAZ, 1927
9. LUCK, 1927
10. LOW, 1927
11. ALTO, 1927
12. KEKU, 1927
13. SPAN, 1925
14. SPAN, 1965

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY  
DESCRIPTIVE REPORT  
TROL RECORD

MAP T. 12193 PROJECT NO. PH-6206 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $y$ -COORDINATE LONGITUDE OR $x$ -COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	
HAM 1927	Vol. II p. 363	NA 1927	56 54	38.766	1199.1	( 656.8)				
"	and 56133 p. 13	"	133 52	11.373	192.5	( 822.9)				
LATE 1927	Vol. II p. 365	"	1 854	660.72	1660.7	( 339.3)				
"	and 56133 p. 17	"	2 645	041.90	11.9	(4958.1)				
NEW 1927	Vol. II p. 363	"	56 52	39.892	1234.0	( 622.0)				
"	and 56133 p. 21	"	133 53	21.120	357.7	( 658.5)				
"	and 56133 p. 21	"	1 842	609.86	2609.9	(2390.1)				
"	and 56133 p. 21	"	2 641	130.76	1130.8	(3869.2)				
RUTH 1927	Vol. II p. 365	"	56 55	36.802	1138.3	( 717.6)				
"	and 56133 p. 28	"	133 53	53.387	903.0	( 111.8)				
"	and 56133 p. 28	"	1 860	568.03	568.0	(1432.0)				
"	and 56133 p. 28	"	2 639	398.73	4398.7	(0601.3)				
TON 1927	Vol. II p. 363	"	56 52	53.899	1667.3	( 188.7)				
"	and 56133 p. 33	"	133 51	24.982	423.1	( 593.11)				
"	and 56133 p. 33	"	1 844	011.76	4011.8	( 988.2)				
"	and 56133 p. 33	"	2 647	587.60	2587.6	(2412.4)				
"	and 56133 p. 33	"	56 54	09.350	289.2	(1566.8)				* 2 positions listed
"	and 56133 p. 33	"	133 53	25.559	432.6	( 582.9)				
"	and 56133 p. 33	"	1 851	688.55	1688.6	(3311.4)				
"	and 56133 p. 33	"	2 640	913.83	913.8	(4086.2)				
WIL 1927	Vol. II p. 363	"	56 54	03.913	121.0	(1734.9)				
"	and 56133 p. 36	"	133 52	37.724	638.6	( 377.1)				
"	and 56133 p. 36	"	1 851	128.38	1128.4	(3871.6)				
"	and 56133 p. 36	"	2 643	568.18	3568.2	(1431.8)				

COMPILATION REPORT  
Map Manuscript T-12193  
Project Ph-6206

31. DELINEATION

Planimetry was compiled by Wild B-8. Photography was satisfactory.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

No drainage was compiled on this manuscript.

35. SHORELINE AND ALONGSHORE DETAILS

There was no field inspection prior to compilation. Shoreline and alongshore details were compiled from office interpretation of the photographs.

36. OFFSHORE DETAILS

Offshore details were compiled from office interpretation of the photographs. They should be checked carefully by the field editor.

37. LANDMARKS AND AIDS

None.

14/

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Satisfactory junctions have been made with T-12192 to the west, T-12187 to the north and T-12194 to the east. T-12200 to the south has not been compiled as of the writing of this report.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with U.S.G.S. Quadrangle PETERSBURG (D-6), ALASKA, scale 1:63, 360, dated 1948. Discrepancies are noted on the FIELD EDIT OZALID.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Nautical Chart 8201, scale 1:217,828, revised 7/20/64. No discrepancies were noted.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted:

*Charles H. Bishop*

Charles H. Bishop  
Cartographer

Approved for forwarding:

*Helvin J. Umbach*  
Helvin J. Umbach, CDR, NOAA  
Chief, Photogrammetry Division, AMC

Approved:

*Alfred C. Holmes*  
Alfred C. Holmes, RADM, NOAA  
Director, Atlantic Marine Center



October 20, 1971

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6206

T-12193

- Eva Island
- Hamilton Bay
- Hamilton Island
- Keku Strait
- Kupreanof Island
- Point Hamilton
- Portage Pass

Approved by:

*A. Joseph Wraight*  
 \_\_\_\_\_  
 A. Joseph Wraight  
 Chief Geographer

Prepared by:

*Frank W. Pickett*  
 \_\_\_\_\_  
 Frank W. Pickett  
 Cartographic Technician

49. NOTES FOR THE HYDROGRAPHER

1. Foul, shoal, and reef areas and rocks shown on this manuscript were determined by office interpretation of aerial photographs of the area and are shown to aid the hydrographer in locating possible hazardous areas. Their existence and extent should be verified by the hydrographer. If a foul, shoal, or reef area or rock does not exist, this fact should be noted on the FIELD EDIT OZALID.
2. There was no field inspection prior to compilation; therefore, occasional measurements should be made from identifiable points on the photographs to the MHWL to verify compilation.
3. Heights of rocks, reefs, and any other offshore obstructions should be obtained. The time of day and date observed should be noted.
4. If there are landmarks or aids to navigation within the area of this map, investigate and submit Form 567.
5. Give character of foreshore areas (mud, sand, rocky, etc.)
6. See FIELD EDIT OZALID for other notes.

PHOTOGRAMMETRIC OFFICE REVIEW

T-12193

1. PROJECTION AND GRIDS <b>CHB</b>		2. TITLE <b>CHB</b>		3. MANUSCRIPT NUMBERS <b>CHB</b>		4. MANUSCRIPT SIZE <b>CHB</b>	
CONTROL STATIONS							
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY <b>CHB</b>			6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) <b>XX</b>			7. PHOTO HYDRO STATIONS <b>XX</b>	
8. BENCH MARKS <b>XX</b>		9. PLOTTING OF SEXTANT FIXES <b>XX</b>		10. PHOTOGRAMMETRIC PLOT REPORT <b>Bridge - W.O.</b>		11. DETAIL POINTS <b>Wild B-8</b>	
ALONGSHORE AREAS (Nautical Chart Data)							
12. SHORELINE <b>CHB</b>		13. LOW-WATER LINE <b>XX</b>		14. ROCKS, SHOALS, ETC. <b>CHB</b>		15. BRIDGES <b>XX</b>	
16. AIDS TO NAVIGATION <b>XX</b>		17. LANDMARKS <b>XX</b>		18. OTHER ALONGSHORE PHYSICAL FEATURES <b>CHB</b>		19. OTHER ALONGSHORE CULTURAL FEATURES <b>XX</b>	
PHYSICAL FEATURES							
20. WATER FEATURES <b>CHB</b>			21. NATURAL GROUND COVER <b>CHB</b>			22. PLANETABLE CONTOURS <b>XX</b>	
23. STEREOSCOPIC INSTRUMENT CONTOURS <b>XX</b>		24. CONTOURS IN GENERAL <b>XX</b>		25. SPOT ELEVATIONS <b>XX</b>		26. OTHER PHYSICAL FEATURES <b>CHB</b>	
CULTURAL FEATURES							
27. ROADS <b>XX</b>		28. BUILDINGS <b>XX</b>		29. RAILROADS <b>XX</b>		30. OTHER CULTURAL FEATURES <b>XX</b>	
BOUNDARIES							
31. BOUNDARY LINES <b>XX</b>				32. PUBLIC LAND LINES <b>XX</b>			
MISCELLANEOUS							
33. GEOGRAPHIC NAMES <b>CHB</b>			34. JUNCTIONS <b>CHB</b>			35. LEGIBILITY OF THE MANUSCRIPT <b>CHB</b>	
36. DISCREPANCY OVERLAY <b>XX</b>		37. DESCRIPTIVE REPORT <b>CHB</b>		38. FIELD INSPECTION PHOTOGRAPHS <b>XX</b>		39. FORMS <b>CHB</b>	
40. REVIEWER <i>Charles H. Bishop</i> <b>C. H. Bishop</b> <b>10/3/66</b>				SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> <b>Albert C. Rauck, Jr.</b>			
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>A. L. Shands</i> <b>A. L. Shands</b> <b>01/9/69</b>				SUPERVISOR <i>Albert C. Rauck, Jr.</i> <b>Albert C. Rauck, Jr.</b>			
Rev. By: <i>Charles H. Bishop</i> <b>C. H. Bishop</b> <b>01/22/69</b>							
43. REMARKS  <b>Field Edit Applied from: Field Edit ozalid, Field Photos Nos. 65 M 229, 230, 276.</b>							

T-12193

FIELD EDIT REPORT

There were no field edit reports submitted with the field edit covering the 1966 to 1968 season's work, and no Form 567 was submitted to the compilation office by the field party.

REVIEW REPORT T-12193

SHORELINE

NOVEMBER 8, 1971

61. GENERAL STATEMENT

See Summary, which is page 6 of the Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

There were no registered topographic surveys available for comparison purposes at the time of final review.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with USGS PETERSBURG (D-6), ALASKA, 1:63,360 scale quadrangle, 1951 edition with minor revisions made in 1963. The surveys are in good general agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with copies of boat sheets H-9039 (DA 10-3-68) and H-9041 (DA 10-5-68). The shoreline of the surveys is in good agreement. All other differences between the boat sheets and T-12193 have been noted on the comparison print in purple.

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with chart 8201, 16th edition, November 7, 1970. The two surveys are in good general agreement.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS


This survey was found to be adequate for photo-hydro support and nautical chart construction purposes.

Reviewed by:



Leo F. Beugnet  
Cartographer

Approved:



Melvin J. Umbach, CDR, NOAA  
Chief, Photogrammetry Division, AMC

Approved:



Alfred C. Holmes, RADM, NOAA  
Director, Atlantic Marine Center

Approved:

Chief, Photogrammetric Branch    Chief, Coastal Survey Division

## ADDENDUM TO REVIEW REPORTS

T-12178, T-12179, AND T-12183 THROUGH T-12202

After Maps T-12178, T-12179, and T-12183 through T-12202 had been final reviewed and the reports written and signed, and the hydrographic surveys had been verified and reviewed, the Marine Chart Division requested additional review of the photogrammetric manuscripts to aid in resolving discrepancies between the hydrographic and photogrammetric surveys. Discrepancy prints of each T-sheet and verified copies of the hydrographic surveys were furnished to aid in this review. H-9041 Boat Sheet was used for T-12198 through T-12202, as a verified copy of this survey was not available to the reviewer.

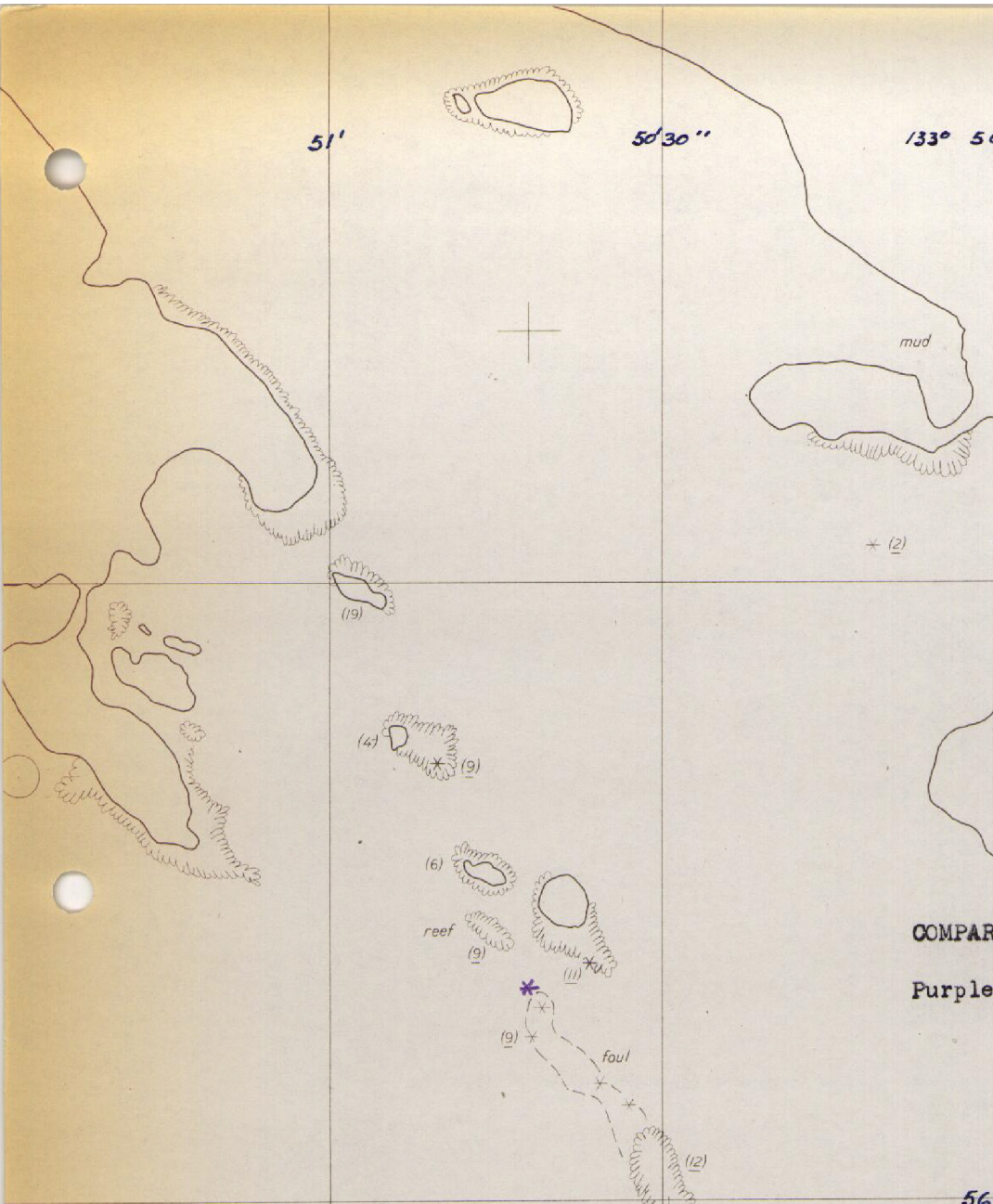
Copies of the hydrographic surveys were used as aids to verify what could be seen on the photographs of the area; if a feature on the hydrographic survey was not positively identifiable on the photographs, it was not added to the T-sheet. This review resulted in the revision of several ledges, some mean high water line, and the addition of several rocks awash. The hydrographer's elevations were not added to the photogrammetric manuscripts.

Questions on the discrepancy prints were answered on separate ozalids and returned to the Marine Chart Division, along with a Chart Maintenance Print reflecting differences between the Advance Manuscript and the Final Reviewed Manuscript for each map.

Comparison prints bound with this report reflect differences with the verified hydrographic surveys, except T-12198 through T-12202, rather than the boat sheets. The sources for shoreline on the verified hydrographic surveys were copies of Advance Manuscripts; therefore, shoreline agreement is generally good.

*Charles H. Bishop*

Charles H. Bishop  
Cartographer  
January, 1973



COMPARISON PRINT

Purple = H-9039

$y = 1,850,000$  FT.

O  
N

B  
A  
Y

T-12193  
1:10,000



