

12188

12188

FORM C&GS-504  U.S. DEPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION COAST AND GEODETIC SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
<i>Type of Survey</i> SHORELINE (Photogrammetric)	
<i>Field No.</i> .....	<i>Office No.</i> T-12188
<b>LOCALITY</b>	
<i>State</i> .....	Alaska
<i>General locality</i> .....	Keku Strait
<i>Locality</i> .....	Cornwallis Point
<hr/> 1961 - 1968	
<b>CHIEF OF PARTY</b> Alfred C. Holmes, Director, Atlantic Marine Center	
<b>LIBRARY &amp; ARCHIVES</b>	
DATE .....	

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR  
TO REGISTRATION

DESCRIPTIVE REPORT - DATA RECORD  
T- 12188

PROJECT NO. (II): <p style="text-align: center;">Job PH-6206</p>			
FIELD OFFICE (II):		CHIEF OF PARTY	
PHOTOGRAMMETRIC OFFICE (III): Atlantic Marine Center Photogrammetric Branch		OFFICER-IN-CHARGE <u>Alfred C. Holmes, RADM</u> , NOAA Director, Atlantic Marine Center	
INSTRUCTIONS DATED (II) (III):			
January 18, 1965		OFFICE	
November 26, 1965		OFFICE SUPPLEMENT I	
March 18, 1966		OFFICE AMENDMENT I	
June 8, 1966		OFFICE SUPPLEMENT II	
May 11, 1965		FIELD	
June 14, 1965		FIELD	
January 21, 1966		FIELD	
METHOD OF COMPILATION (III): Graphic			
MANUSCRIPT SCALE (III): 1:10,000		STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):	
DATE RECEIVED IN WASHINGTON OFFICE (IV):		DATE REPORTED TO NAUTICAL CHART BRANCH (IV):	
APPLIED TO CHART NO.:		DATE:	DATE REGISTERED (IV): <i>Sept. 4, 1975</i>
GEOGRAPHIC DATUM (III): N. A. 1927		VERTICAL DATUM (III): <u>MHW</u> <del>MEAN SEA LEVEL</del> EXCEPT AS FOLLOWS: Elevations shown as (25) refer to mean high water Elevations shown as (3) refer to sounding datum i.e., <del>mean lower low water</del>	
REFERENCE STATION (III): CORN 1925 ✓			
LAT.:	LONG.:	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED	
56° 56' 11.021" ✓	134° 16' 09.647" ✓		
PLANE COORDINATES (IV):		STATE	ZONE
1,864,493.12 ft. ✓ x = 2,565,282.05 ft. ✓		Alaska ✓	1 ✓
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):  None		DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):  Air photo compilation Date of Photography: July 16, 1962		
PROJECTION AND GRIDS RULED BY (IV):  A. E. Roundtree	DATE	11/04/65
PROJECTION AND GRIDS CHECKED BY (IV):  R. S. Kornspan	DATE	11/04/65
CONTROL PLOTTED BY (III):  C. Bishop	DATE	01/11/66
CONTROL CHECKED BY (III):  R. Smith	DATE	01/11/66
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):  G. Ball (W.O.)	DATE	11/65
STEREOSCOPIC INSTRUMENT COMPILATION (III):  Inapplicable	PLANIMETRY	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III):  L. O. Neterer	DATE	02/28/66
SCRIBING BY (III):  R. R. White	DATE	06/18/68
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): COMPILATION: C.H. Bishop FIELD EDIT: C.H. Bishop SCRIBING & STICKup: R.E. Smith	DATE	03/01/66 06/07/68 06/20/68

REMARKS:

Field Edit by:

June 1967

Ship PATTON



### DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

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

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
61-W-9348 and 9349	16 July 1961	0813 PST	1:20,000	1.3 ft. above MLLW
62-W-5478 and 5479	16 June 1962	0908 PST	1:20,000	3.5 ft. above MLLW
65-M-099	27 July 1965	0811 PST	1:50,000	0.6 ft. below MLLW

TIDE (III) Predicted

Diurnal

	RATIO OF RANGES	MEAN RANGE	MIN & MAX RANGE
REFERENCE STATION: Juneau		13.8	16.4
SUBORDINATE STATION: Saginaw Bay, Kuiu Island (Frederick Sound)		11.3	13.8
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): Leo F. Beugnet, AMC

DATE: Sept. 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-12188

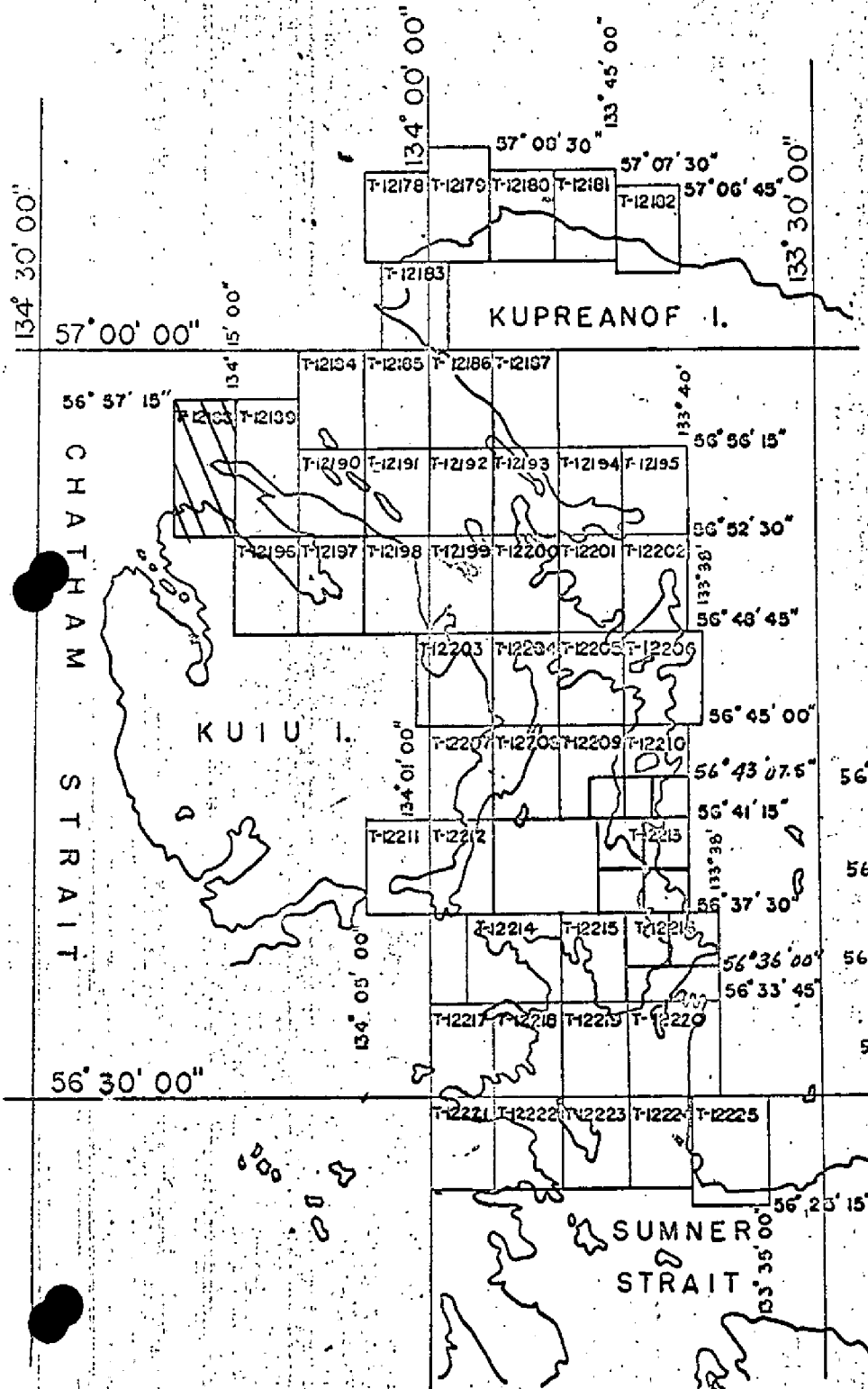
COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation complete pending field edit		
Alongshore area for hydro	Feb. 1966	Superseded
Field Edit Applied Compilation complete	June 1968	<i>Superseded</i>
Final Review	Sept. 1971 <i>Nov 1972</i>	<i>Superseded</i>
Discrepancies with reviewed hydro surveys resolved; addendum added to Review Report	Nov. 1972	

# SHORELINE MAPPING PROJECT

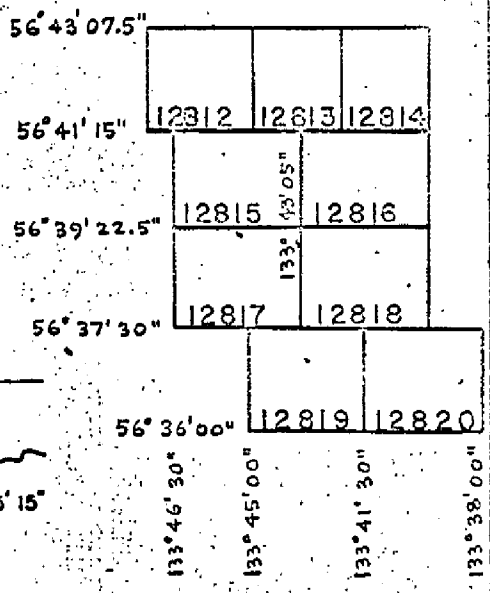
Ph-6206

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-12188

Shoreline survey T-12188 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 graphic methods using the photography of July 1961, June 1962 and 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 4 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 September 1971. One cronaflex positive and a negative of the final reviewed survey are forwarded for record and registry.

FIELD INSPECTION REPORT  
MAP MANUSCRIPT T-12188  
Project Ph-6206

There was no field inspection prior to compilation.



Photogrammetric Plot Report  
Project 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

Analytic 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 (pre-marked 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 fourteen shoreline sheets to be compiled (T-12178, T-12179, T-12183 through T-12192, T-12196 and T-12197).

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 get 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-overed trees near the station obscured the target on one photograph.

24. Supplemental Data

Numerous U.S.G.S. quads were used to obtain elevations required for the final adjustment.

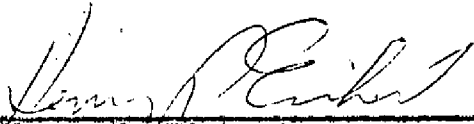
25. Photography

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

Respectfully submitted:

  
George M. Ball

Approved and forwarded:

  
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  
(-2.3 -0.9)  
AGE, 1927  
(+3.4 +3.1)  
AMY, 1927  
S.S. (-0.6 -0.9)

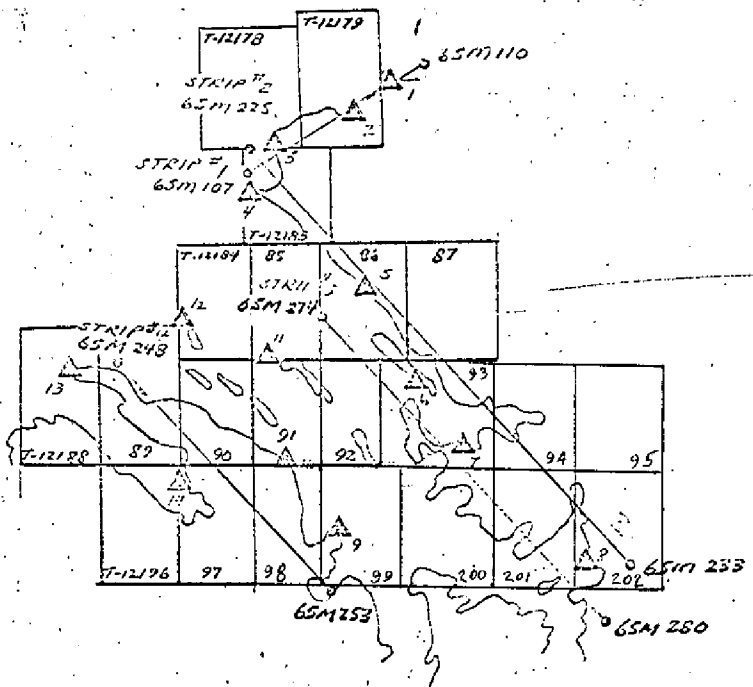
STRIP #4

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  
 SHORELINE MAPPING  
 SCALE 1:10,000  
 SINGLE LENS PHOTO.  
 SCALE 1:50,000

KEY TO TRIANGULATION

1. PINT, 1965
2. KERP, 1965
3. BENDEL, 1917
4. CART, 1927
5. KAKE, 1927
6. HAM, 1927
7. ASE, 1927
8. AMY, 1927
9. LUCK, 1927
10. LOW, 1927
11. ALTO, 1927
12. Keku, 1927
13. CORN, 1925
14. GNAW, 1965

File 11A

Job PH-6206  
Keku Straits, Alaska

Notes to Compiler

The drill holes have been cleaned, however, it is suggested that due to the methods by which the plates have been transported the holes be recleaned. The method that we have found most practical has been to gently tap the area around the drill hole with scotch tape; this will remove any emulsion which may have fallen back into the holes.

The difference between the dates of the photography (M 65 E to E plates and W 61 and 62 Kelsh plates) as well as the scale difference (M 1:50,000 and the W 1:20,000) caused the pug operators a great amount of trouble, hence, it is advisable to have the Kelsh operators drop as many additional points to help control the surrounding models.

The Kelsh operators will also have some models that have only three points, this unfortunate condition could not be avoided.

There are areas within the project limits that cannot be delineated by using the Kelsh plotter, therefore, the M photography will have to be set in the B-8's. The methods by which the shoreline is to be delineated and the field ratio prints are to be furnished for hydro support will be up to the Compilation Office. Kelsh plates have been ordered to cover the whole area even though only 60 percent of the plates have been drilled. These plates may or may not be of any additional help to you, however, we have tried to furnish all the available material.

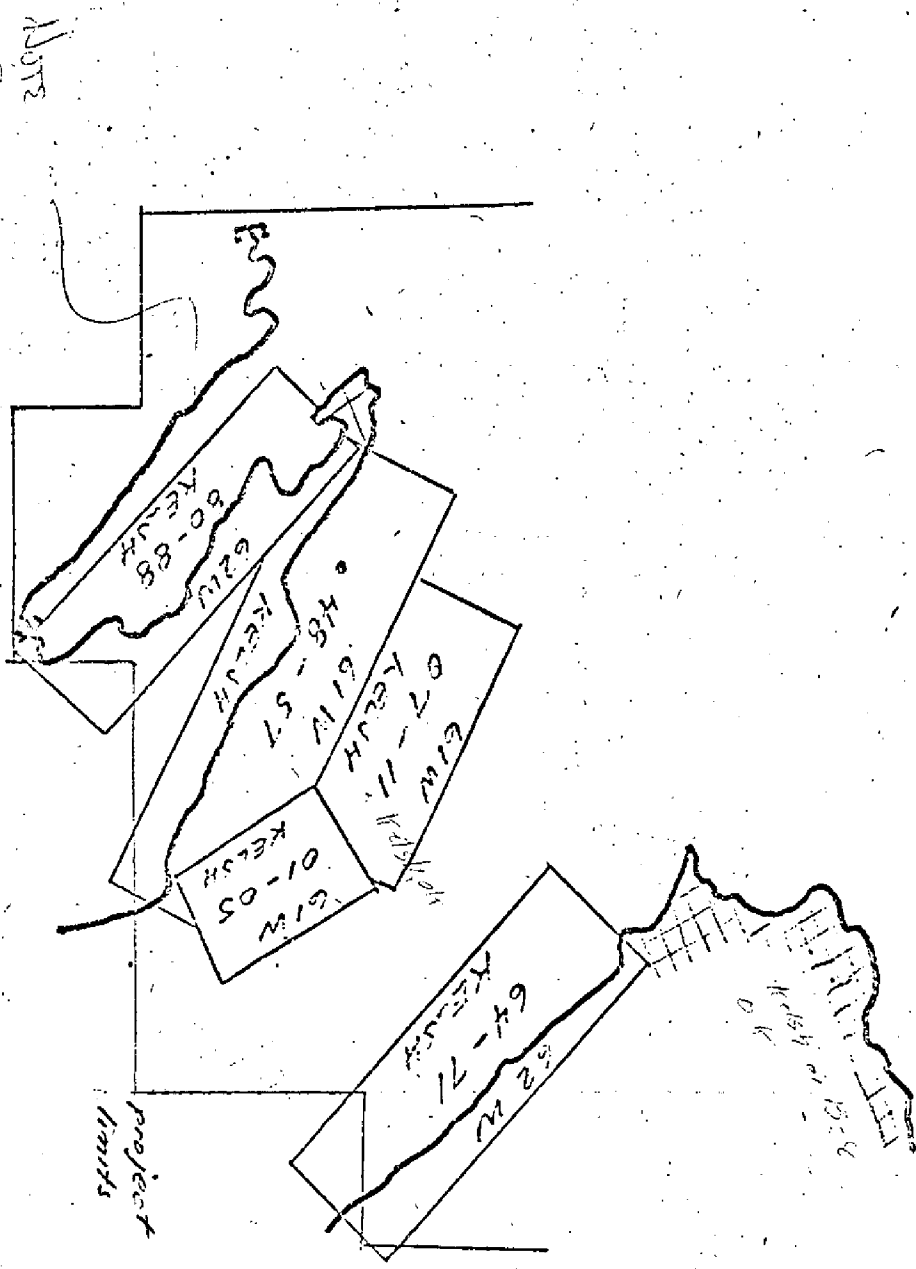
The following list indicates those Kelsh models that can be set:

- 61 W 9348 - 57
- 61 W 9401 - 05
- 61 W 9407 - 11
- 62 W 5480 - 88
- 62 W 5564 - 71

and the additional Kelsh plates furnished but not drilled:

- 62 W 5478 - 79
- 62 W 5491 - 97
- 62 W 5507 - 15
- 62 W 5560 - 63

The attached diagram shows (1) the areas that can be compiled with the Keish plotter, (2) the areas to be compiled either with the B-8 or graphically, and (3) the area within the project limits which cannot be compiled. This problem has been called to the attention of Mr. Heywood. This diagram should be used only as a reference diagram, the final project and control diagram will accompany the Photogrammetric Plot Report.



NOTE

TO 83 FORDSINGO

3000106 TUE 1966

5705010

ADIT

NEW STAIRS

[ ] AND NOT USE  
 COMPLETED  
 [Hatched Box] GRADUALLY OR  
 B-B  
 [Solid Box] KESH

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PHOTOGRAMMETRIC PLOT REPORT  
Job PH-6206  
Keku Straits, Alaska  
June 1966

21. Area Covered

This report covers an area of Alaska in Saginaw Bay just south of the upper portion of Keku Straits and its confluence with Frederick Sound. This area will be compiled on five shoreline sheets, T-12188 thru T-12190 and T-12196 and T-12197).

22. Methods

Analytic aerotriangulation methods were used to bridge one strip of "M" photography at the scale of 1:50,000. The attached sketch shows the placement of the triangulation and the closures to this control.

23. Adequacy of Control

Horizontal control identified and required to adjust this strip meets minimum requirements in that we were unable to obtain a check of our work. An effort was made to tie this strip to previously drilled points; however, since the bridging plates have been destroyed and the points were not sketched, this effort proved fruitless.

24. Supplemental Data

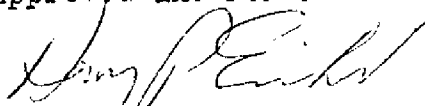
Numerous USGS quads were used to obtain elevations required for the final strip adjustment.

25. Photography

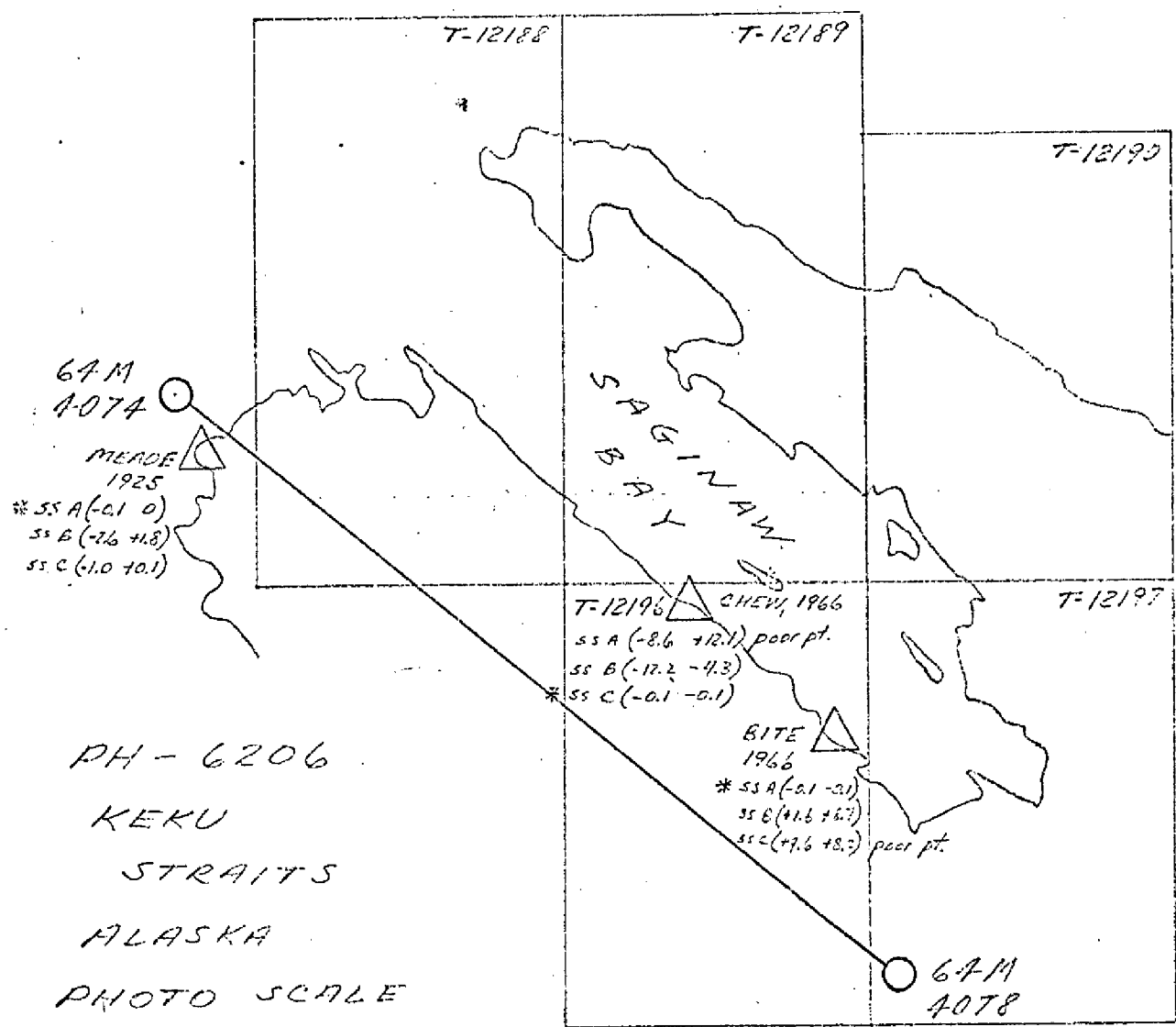
Photography was adequate with regard to coverage, overlap and image definition.

Respectfully submitted:

Approved and Forwarded:

  
H. P. Eichert, Chief  
Aerotriangulation Section

  
George M. Ball



PH - 6206  
 Keku  
 STRAITS  
 ALASKA  
 PHOTO SCALE  
 1:50,000

\* SUB STATION  
 USED IN FINAL  
 ADJUSTMENT

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 12188 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	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 ft. = 3048006 meter) FORWARD	(BACK)
CORN 1925	Vol. 1, p. 331	NA	56° 56' 11.021	340.9	(1515.1)
"	and 56134 p. 5	"	134 16 09.647	163.1	( 851.5)
BONE 1965	IBM Readout of final GP and PC	"	1 864 493.12	4493.1	( 506.9)
"	"	"	2 565 282.05	282.0	(4718.0)
			56 54 36.37475	1125.18	( 730.80)
			134 17 49.65516	840.3	( 175.1)
			1 854 939.03	4 939.0	(0061.0)
			2 559 645.57	4 645.6	(0354.4)
COMPUTED BY CHB	DATE 1/19/66 & 6/24/68		CHECKED BY DLD	DATE 2/4/66	16

T-12188

31. DELINEATION

Graphic methods were used to delineate the entire sheet and the sheet is a preliminary.

32. CONTROL (Sub pts. of Meade, Chew, and Bite would not hold)

Points cut in from ratio prints were adequate control for delineation. The southern part of this manuscript was done from a 1964 flight of photography and the control did not hold for this sheet. The control for manuscripts T-12189 and T-12197 was adequate and they were labeled Incomplete whereas T-12196 and the southern portion of T-12188 are preliminary. This area is to be rebridged in order to solve these control inaccuracies.

33. SUPPLEMENTAL DATA

U.S.C.&GS Hydrographic Surveys, Register Nos. 2150 and 2152 date 1892.

34. CONTOURS AND DRAINAGE

Inapplicable.

35. SHORELINE AND ALONGSHORE DETAIL

The shoreline was delineated by office interpretation. The shallow line is also an approximate. Both are to be field inspected and verified by the hydrographic party.

36. OFFSHORE DETAIL

The offshore detail is to be checked and verified by the hydrographic party.

37. LANDMARKS AND AIDS

Appropriate copies of Form 567 have been forwarded to the Washington Office.



38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

T-12188 junctions with T-12189 to the East and the project limits fall in the North, South, and West.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S.G.S. quadrangle Port Alexander (D-1), Alaska, 1948.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with U.S.C.&G.S. Nautical Chart 8201 ETOLIN ISLAND to MIDWAY ISLAND including SUMMER STRAIT. The comparison was favorable.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted:

*Lowell O. Neterer, Jr.*  
Lowell O. Neterer, Jr.  
Cartographic Technician

Approved for forwarding:

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

Approved:

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

ADDENDUM TO 32-CONTROL

The subsequent rebridging of this area resolved none of the initial horizontal control problems. An attempt to resolve the control deficiency resulted in several solutions, none of which would hold all drilled pass points and substitute stations within the models. The final result, holding most of the substitute points for BITE, CHEW, and MEADE, and the drilled pass points nearest the shoreline was used.

The southern portion of this map manuscript is not believed to be within the required accuracy standards.

August 5, 1971

GEOGRAPHIC NAMES  
FINAL NAME SHEET  
PH-6206 (Alaska)

T-12188

- Cool Lake
- Cornwallis Point
- Dean Creek
- Frederick Sound
- Kuiu Island
- Ledge Lake
- Saginaw Bay

Approved by:

*A. Joseph Wraight*  
 A. Joseph Wraight  
 Chief Geographer

Prepared by:

*Frank W. Pickett*  
 Cartographic Technician  
 Frank W. Pickett

49. NOTES FOR THE HYDROGRAPHER

Shoreline on this sheet was compiled from 1962 Photography (Prior to earthquake).

SUPPLEMENT TO  
"NOTES FOR THE HYDROGRAPHER"

The southern portion of this sheet is "Preliminary". It is so marked in red on the field edit ozalid.

The shoreline on the south side of Saginaw Bay is believed to be in error. It is suggested that you locate hydrographic signal sites by the use of the processed cronapaque ratioed photographs only.

This Saginaw Bay area (south shore) is to be rebridged by the Aerotriangulation section in the near future, after which these discrepancies will be resolved.

Refer to "ADDENDUM TO 32-CONTROL" concerning this area.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 12188

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1. PROJECTION AND GRIDS <b>CHB</b>		2. TITLE <b>CORNWALLIS POINT</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 ( <i>Topographic stations</i> ) <b>None</b>		7. PHOTO HYDRO STATIONS <b>None</b>	
8. BENCH MARKS <b>None</b>		9. PLOTTING OF SEXTANT FIXES <b>None</b>		10. PHOTOGRAMMETRIC PLOT REPORT		11. DETAIL POINTS <b>None</b>	
ALONGSHORE AREAS ( <i>Nautical Chart Data</i> )							
12. SHORELINE <b>CHB</b>		13. LOW-WATER LINE <b>CHB</b>		14. ROCKS, SHOALS, ETC. <b>CHB</b>		15. BRIDGES <b>None</b>	
16. AIDS TO NAVIGATION <b>CHB</b>		17. LANDMARKS <b>None</b>		18. OTHER ALONGSHORE PHYSICAL FEATURES <b>None</b>		19. OTHER ALONGSHORE CULTURAL FEATURES <b>None</b>	
PHYSICAL FEATURES							
20. WATER FEATURES <b>CHB</b>				21. NATURAL GROUND COVER <b>CHB</b>		22. PLANETABLE CONTOURS <b>None</b>	
23. STEREOSCOPIC INSTRUMENT CONTOURS <b>None</b>		24. CONTOURS IN GENERAL <b>None</b>		25. SPOT ELEVATIONS <b>None</b>		26. OTHER PHYSICAL FEATURES <b>None</b>	
CULTURAL FEATURES							
27. ROADS <b>None</b>		28. BUILDINGS <b>None</b>		29. RAILROADS <b>None</b>		30. OTHER CULTURAL FEATURES <b>None</b>	
BOUNDARIES							
31. BOUNDARY LINES <b>None</b>				32. PUBLIC LAND LINES <b>None</b>			
MISCELLANEOUS							
33. GEOGRAPHIC NAMES <b>CHB</b>				34. JUNCTIONS <b>CHB</b>		35. LEGIBILITY OF THE MANUSCRIPT <b>CHB</b>	
36. DISCREPANCY OVERLAY		37. DESCRIPTIVE REPORT <b>CHB</b> <del>None</del>		38. FIELD INSPECTION PHOTOGRAPHS <b>None</b>		39. FORMS <b>CHB</b>	
40. REVIEWER <i>Charles H. Bishop</i> <b>Charles H. Bishop</b>				SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> <b>Albert C. Rauck, Jr.</b>			
41. REMARKS ( <i>See attached sheet</i> )							
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 <b>C.H. Bishop 06/07/68</b>				SUPERVISOR <i>Albert C. Rauck, Jr.</i> <b>Albert C. Rauck, Jr.</b>			
REV. BY: <b>C.H. Bishop 06/07/68</b>							
43. REMARKS <b>Field Edit applied from: Field Edit ozalid &amp; Field Photo No. 65-M-246.</b>							

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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-12188

SHORELINE

September 10, 1971

61. GENERAL STATEMENT

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

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Comparison was made with a copy of Registered survey No. 2152. This is a 1:20,000 scale survey made in 1892. The two surveys are not in good agreement.

Survey No. 2152 is now obsolete and is superseded by T-12188 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with USGS PORT ALEXANDER (D-1), ALASKA, 1:63,360 scale quadrangle, edition of 1948 with minor revisions in 1963. The two surveys are in good general agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with copies of boat sheets H-8960 (PA10-1-67) and H-8961 (PA10-2-67). The source of the shoreline for these surveys were incomplete manuscripts. Some changes were made in the placement of the MHWL during field edit; therefore, the shoreline of the two surveys are not in agreement.

Special attention is called to Cornwallis Point Light. There is a discrepancy in the position of the light as plotted on boat sheet H-8961 and T-12188. The light was located by the field editor by ground survey methods and the position furnished by geographic position on the field edit ozalid. It was this position that was used to plot the aid on T-12188 by the compilation section.

All differences have been noted on the comparison print in purple.



65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 8214, 4th edition dated December 16, 1968. The two surveys are in good general agreement.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

Survey T-12188 is adequate for nautical chart construction purposes.

Reviewed by:

*Leo F. Beugnet*  
Leo F. Beugnet  
Cartographer

Approved for forwarding:

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

Approved:

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

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Chief, Photogrammetric Branch    Chief, Coastal Mapping 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.

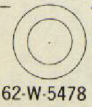
Comparison prints bound with this report reflect differences with the verified hydrographic surveys, except T-12198 through T-12202, rather than the boat sheets. The sources for shoreline on the verified hydrographic surveys were copies of Advance Manuscripts; therefore, shoreline agreement is generally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

*Charles H. Bishop*

Charles H. Bishop  
Cartographer  
January, 1973

56°56'30"

Hydro conflicts with ledge-  
ledge clearly visible photo  
62W 5478



62-W-5478

CORN 1925

Cornwallis Point

CORNWALLIS POINT LIGHT 1967

K U I U  
I S L A N D

134°15'30"

134°16'30"

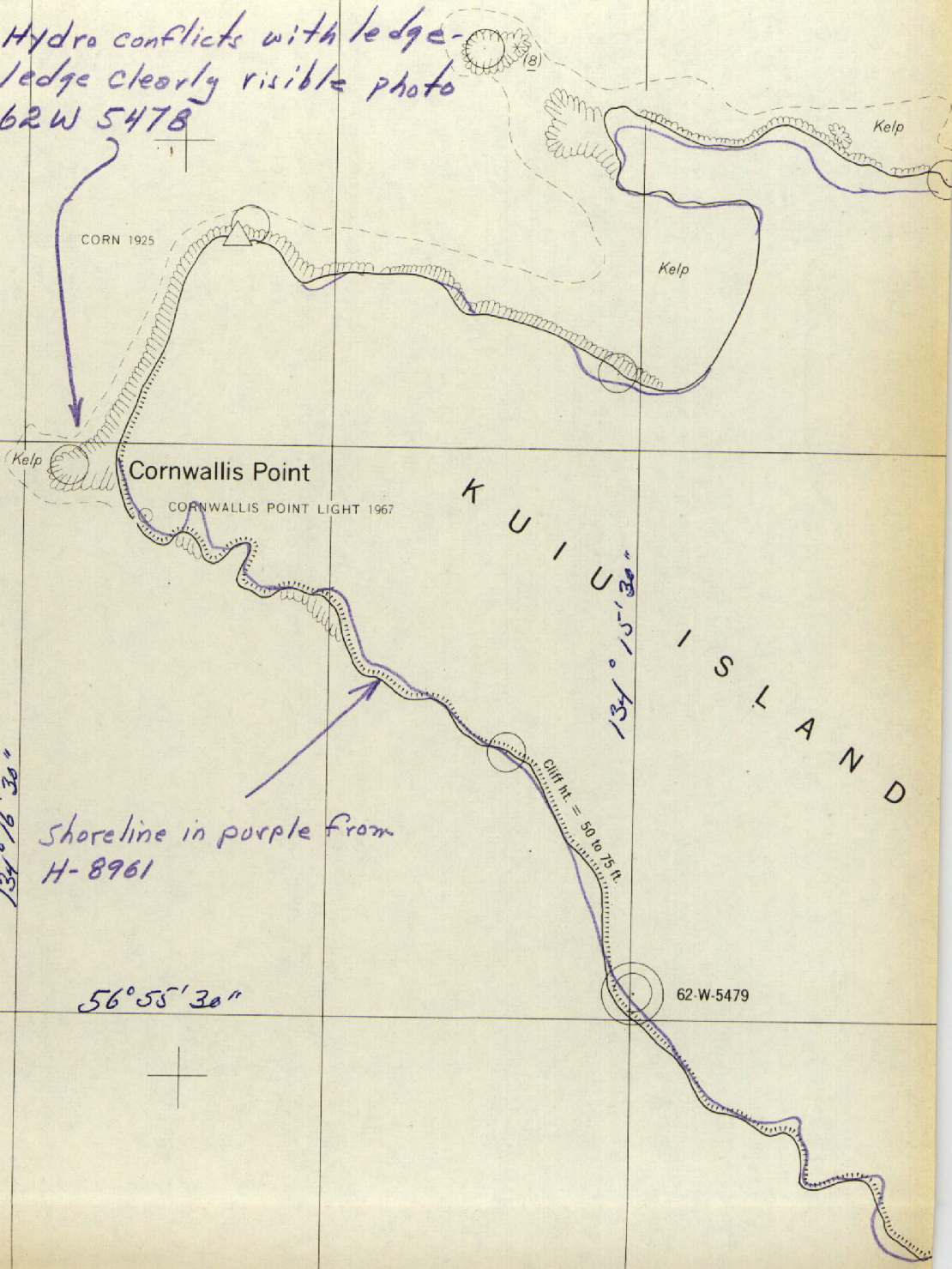
Shoreline in purple from  
H-8961

CHIFF HT. = 50 to 75 ft

56°58'30"

62-W-5479

T-12188

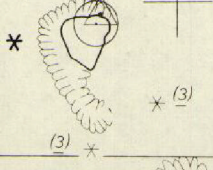




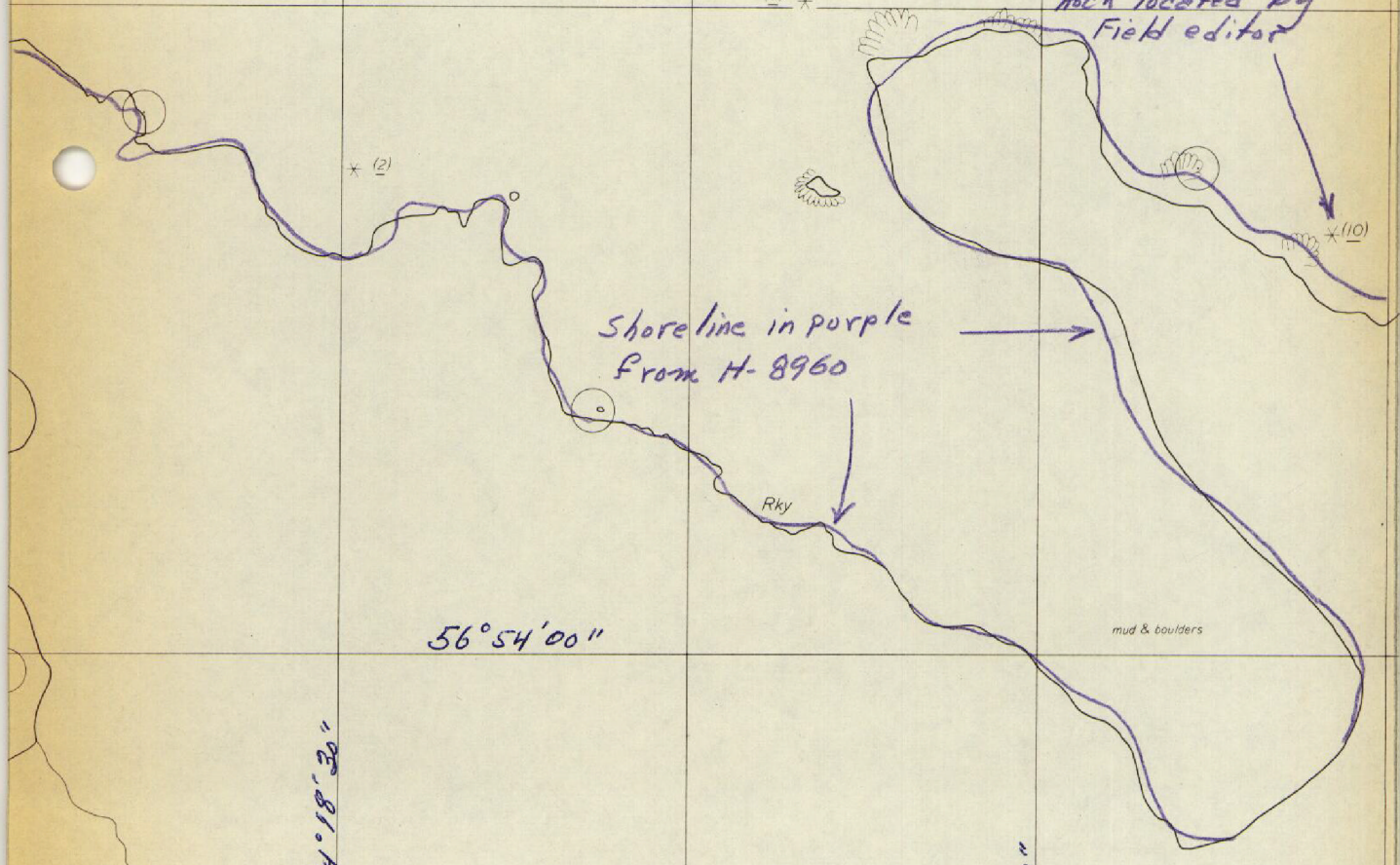
56° 55' 00"

Limits of H-8960

BONE 1965



Not on H-8960 BS  
Rock located by  
Field editor



Shoreline in purple  
From H-8960

56° 54' 00"

134° 18' 30"

134° 17' 30"

mud & boulders

T-12/88





Ledge Lake

Lake

T-12188