

12191

12191

FORM C&GS-504 U.S. DEPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION COAST AND GEODETIC SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
Type of Survey	SHORELINE (PHOTOGRAMMETRIC)
Field No.	Office No. T-12191
LOCALITY	
State	Alaska
General locality	Keku Strait
Locality	Keku Islands, S. E.
<u>1961-1969</u>	
CHIEF OF PARTY	
Alfred C. Holmes, Director, AMC	
LIBRARY & ARCHIVES	
DATE	

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

DESCRIPTIVE REPORT - DATA RECORD

T - 12191

PROJECT NO. (II): <p style="text-align: center;">PH-6206</p>		
FIELD OFFICE (III):		CHIEF OF PARTY
PHOTOGRAMMETRIC OFFICE (III): Atlantic Marine Center Photogrammetric Branch		OFFICER-IN-CHARGE Alfred C. Holmes, RADM, 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 August 1, 1966 OFFICE AMENDMENT II May 11, 1965 FIELD June 14, 1965 FIELD		
METHOD OF COMPILATION (III): Kelsh Instrument and Wild B-8		
MANUSCRIPT SCALE (III): 1:10,000	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:4,000 (Kelsh)) Pantograph scale 1:8,333 (Wild B-8)) 1:10,000	
DATE RECEIVED IN WASHINGTON OFFICE (IV):	DATE REPORTED TO NAUTICAL CHART BRANCH (IV):	
APPLIED TO CHART NO.	DATE:	DATE REGISTERED (IV): <p style="text-align: center;">Sept. 4, 1975</p>
GEOGRAPHIC DATUM (III): N. A. 1927		VERTICAL DATUM (III): MHW MEAN LOW WATER EXCEPT AS FOLLOWS: Elevations shown as (25) refer to mean high water Elevations shown as (5) refer to sounding datum i. e., mean low water or mean lower low water
REFERENCE STATION (III): ALTO 1927		
LAT.: 56° 55' 49.377" (1527.4m)	LONG.: 134° 02' 05.410" (91.5m)	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV): 1,861,963.90 Ft. x = 2,612,103.71 Ft.		STATE: Alaska ZONE: 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 (III): None		DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air photo compilation; Date of photography 16 July 1961 and 29 July 1965		
PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree		DATE 11/05/65
PROJECTION AND GRIDS CHECKED BY (IV): R. S. Kornspan		DATE 11/05/65
CONTROL PLOTTED BY (III): R. Smith		DATE 01/12/66
CONTROL CHECKED BY (III): C. H. Bishop		DATE 01/12/66
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): G. M. Ball		DATE Nov. 1965
STEREOSCOPIC INSTRUMENT COMPILATION (III): Wild B-8 & Kelsh	PLANIMETRY L. O. Neterer Rev. by: K. G. Boyle	DATE 06/05/66 06/05/66
	CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): C. H. Bishop		DATE 08/16/66
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): COMPILATION: C.H. Bishop FIELD EDIT: R.E. Smith SCRIBING & STICKUP:		DATE 08/16/66 01/29/69
REMARKS: Field Edit by: Ship PATTON June & July 1968		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

Wild RC-8 "W"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
61-W-9354 thru 9357	16 July 1961	0815 PST	1:20,000	(from predicted tables) 1.5 ft. (Kake)
61-W-9410 and 9411	16 July 1961	0845 PST	1:20,000	0.4 ft. (Kake)
61-W-9401 thru 9404	16 July 1961	0845 PST	1:20,000	0.4 ft. (Kake)

Above Values are referenced to MLLW

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Ketchikan		13.0	15.4
SUBORDINATE STATION: Kake, Keku Strait		11.7	14.0
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV):

Leo F. Beugnot, RMC

DATE:

October 1971

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

RECOVERED:

4

IDENTIFIED:

2

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-12191

COMPILATION RECORD

COMPLETION DATE

REMARKS

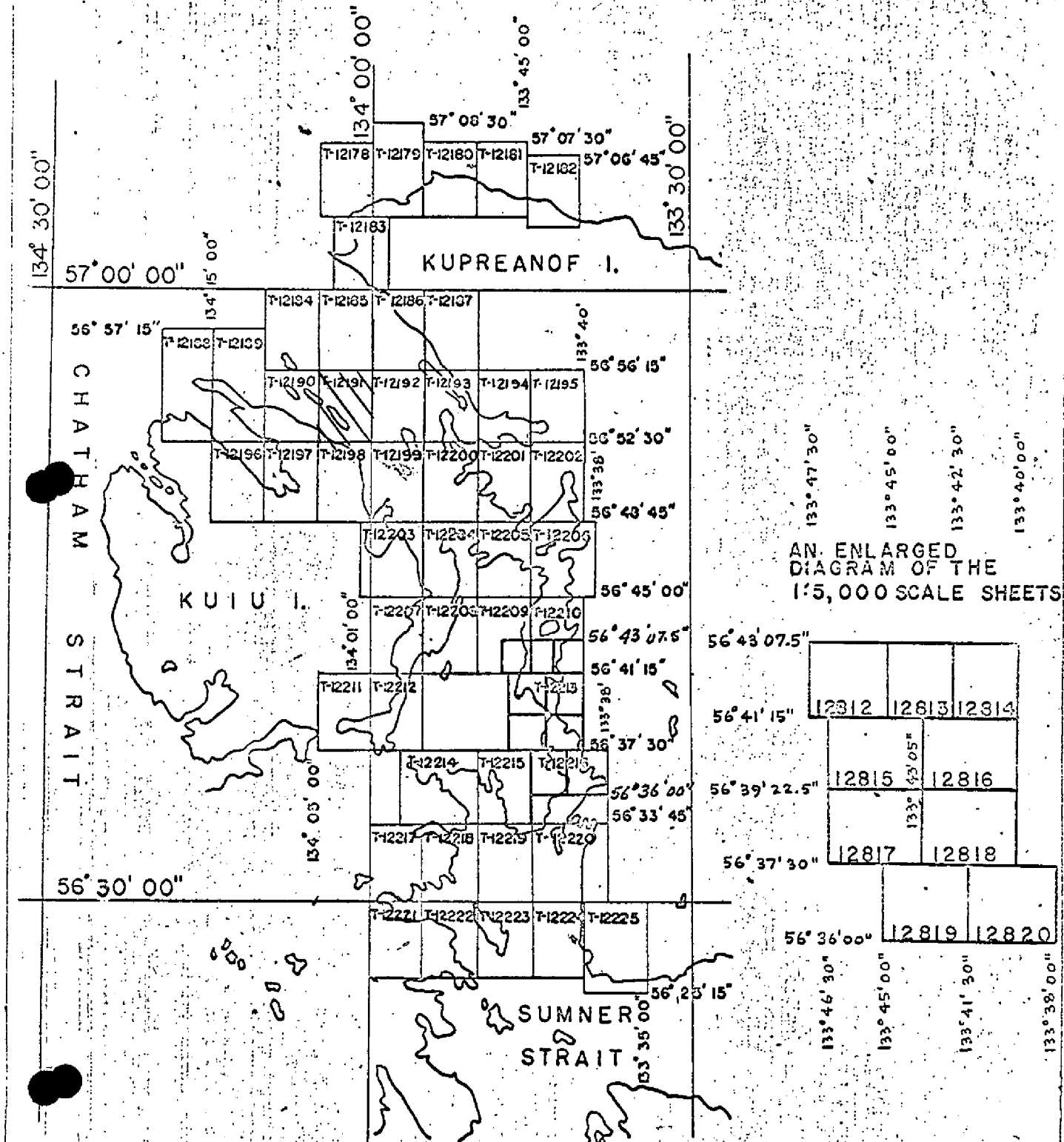
Alongshore area for hydro	August 1966	Superseded
Field Edit Applied Manuscript Complete	Jan. 1969	<i>Superseded</i>
<i>Final Review</i>	<i>Oct. 1971 & Dec 1972</i>	
Discrepancies with reviewed hydro surveys resolved; Addendum added to Review Report.	Dec. 1972	

SHORELINE MAPPING PROJECT

Ph-6206

KEKU STRAITS, ALASKA

SCALE 1:10,000



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

12812	12813	12814	
12815	12816		
12817	12818		
12819	12820		

REV. 9-65 R.G.
 REVISED 1-6-65

A.R.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-12191

Shoreline survey T-12191 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 and graphic methods using the photography of July 1961 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 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 October 1971. One cronaflex positive and a negative of the final reviewed survey are forwarded for record and registry.

FIELD INSPECTION REPORT
Map Manuscript T-12191
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 use 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 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 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.

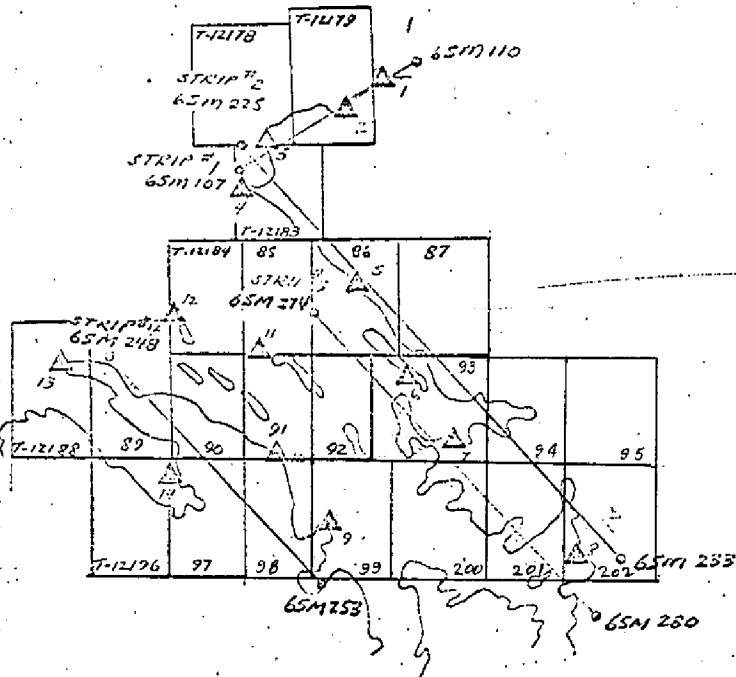
HAM, 1927
 (-2.8 -0.9)
 AGE, 1927
 (+3.4 +3.1)
 AMY, 1927
 S.S. (-0.6 -0.9)

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)



KEKUK STRAITS, ALASKA
 PH - 6206
 SHORELINE MAPPING
 SCALE 1:10,000
 SINGLE LENS PHOTO,
 SCALE 1:50,000

KEY TO TRANSULATION

1. PINT, 1965
2. KEMP, 1965
3. BENDEL, 1917
4. CART, 1937
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. GNAY, 1965

File

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 E-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:

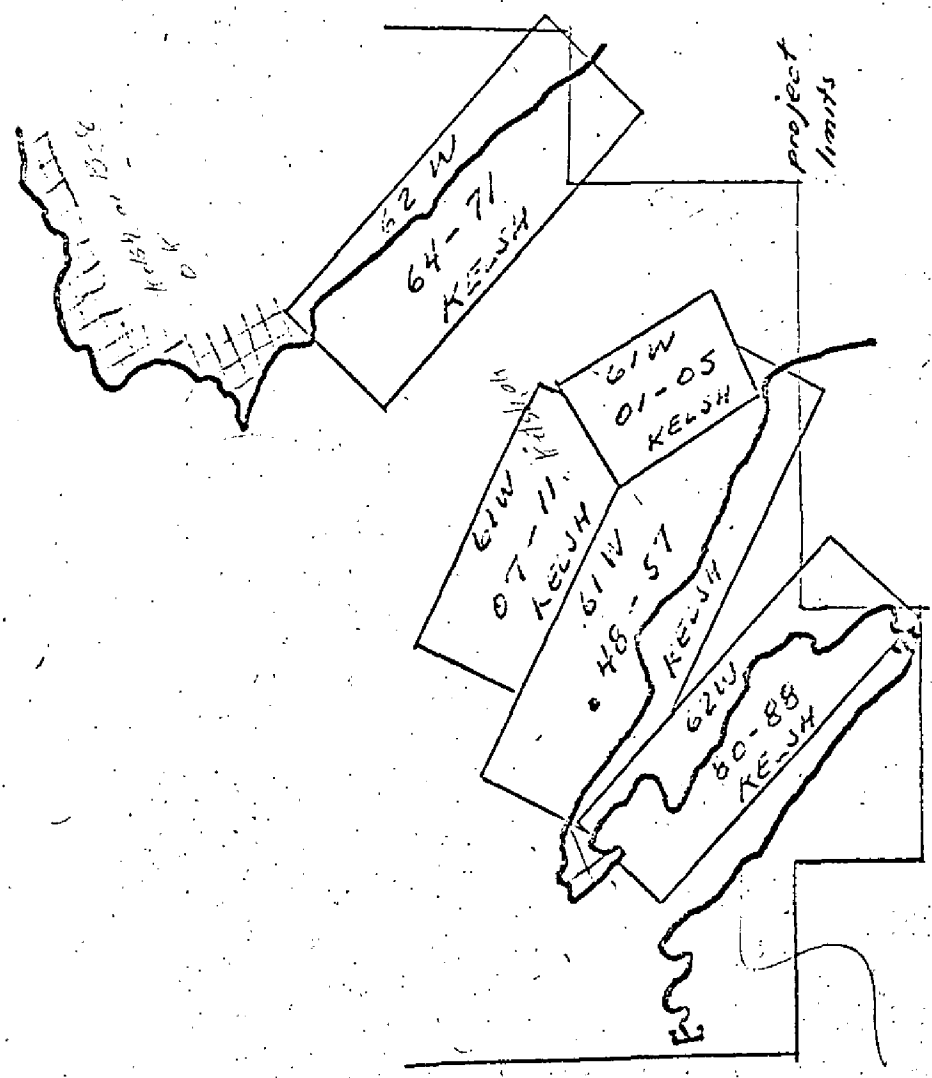
- 61 W 9348 - 57
- 61 W 9401 - 05
- 61 W 9407 - 11
- 62 W 5480 - 88
- 62 W 5564 - 71

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 Kelsh 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.

 CAN NOT BE COMPLETED
 GRAPHICALLY OR 8-8
 KELSH



CONTROL REQUESTED
 53 FURNISHING
 AUG. 1966
 INSON
 N/A

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

MAP T 12191 PROJECT NO. PH-6206 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ν -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)	FORWARD	(BACK)
ALTO 1927	Vol. II p. 355 and 56134 p. 1	NA 1927	56	55 49.377	1527.4	(328.6)					
			134	02 05.410	91.5	(923.3)					
"	"	"	1	861 963.90	1963.9	(3036.1)					
			2	612 103.71	2103.7	(2896.3)					
TACK 1927	Vol. II p. 364 and 56134 p. 20	"	56	55 17.20	532.1	(1323.9)					
			134	04 30.28	512.2	(502.8)					
"	"	"	1	858 744	3744	(1256)					
			2	604 046	4046	(954)					
THUN 1927	Vol. II p. 364 and 56134 p. 20	"	56	53 47.936	1482.8	(373.2)					
			134	01 53.720	909.4	(106.3)					
"	"	"	1	849 637.06	4637.1	(362.9)					
			2	612 686.50	2686.5	(2313.5)					
LOW 1927	Vol. II p. 355 and 56134 p. 12	"	56	52 56.762	1755.8	(100.2)					
			134	01 21.708	367.6	(646.7)					
"	"	"	1	844 434.76	4434.8	(565.2)					
			2	614 437.20	4437.2	(562.8)					

COMPILATION REPORT
Map Manuscript T-12191
Project Ph-6206

31. DELINEATION

Planimetry was compiled with the Wild B-8 instrument using 1965 "M" photography, except in the northwest corner of the manuscript where the Kelsh instrument was used with one model of 1961 "W" photography.

Photo 61-W-9401 is apparently tilted, as it would not hold the pass points on the manuscript. It was not used for compilation.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours not applicable.

There is no significant drainage on this manuscript and none was compiled.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline and alongshore details were compiled graphically from 61 "W" photography, using pass points dropped with the Wild B-8 and Kelsh instruments as control.

36. OFFSHORE DETAILS

Offshore details, rocks, ledges, foul, and shallow lines, were compiled graphically.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Satisfactory junctions have been made with the following 1:10,000 scale Incomplete Map Manuscripts:

- T-12190 on the west
- T-12185 on the north
- T-12192 on the east
- T-12198 on the south

40. HORIZONTAL AND VERTICAL CONTROL

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with U.S.G.S. Quadrangle PORT ALEXANDER (D-1) ALASKA, scale 1:63,360, dated 1948.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Nautical Chart 8214, scale 1:40,000, dated July 1, 1909, revised August 10, 1959 and Nautical Chart 8201, scale 1:217,828, revised July 20, 1964.

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;

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

October 20, 1971

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6206

T-12191

Keku Islands

Keku Strait

Kuiu Island

Pinnacle Rock

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 inspection 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.
4. Investigate landmarks and aids to navigation and submit Form 567.
5. See "FIELD EDIT OZALID" for other notes.
6. Give character of foreshore areas (mud, sand, boulders, rocky, etc.).

PHOTOGRAMMETRIC OFFICE REVIEW
T-12191

1. PROJECTION AND GRIDS CHB		2. TITLE CHB		3. MANUSCRIPT NUMBERS CHB		4. MANUSCRIPT SIZE CHB	
CONTROL STATIONS							
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY CHB			6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) XX			7. PHOTO HYDRO STATIONS XX	
8. BENCH MARKS XX		9. PLOTTING OF SEXTANT FIXES XX		10. PHOTOGRAMMETRIC PLOT REPORT Bridge W.O.		11. DETAIL POINTS Wild B-8	
ALONGSHORE AREAS (Nautical Chart Data)							
12. SHORELINE CHB		13. LOW-WATER LINE XX		14. ROCKS, SHOALS, ETC. CHB		15. BRIDGES XX	
16. AIDS TO NAVIGATION XX		17. LANDMARKS XX		18. OTHER ALONGSHORE PHYSICAL FEATURES XX		19. OTHER ALONGSHORE CULTURAL FEATURES XX	
PHYSICAL FEATURES							
20. WATER FEATURES CHB			21. NATURAL GROUND COVER CHB			22. PLANETABLE CONTOURS XX	
23. STEREOSCOPIC INSTRUMENT CONTOURS XX		24. CONTOURS IN GENERAL XX		25. SPOT ELEVATIONS XX		26. OTHER PHYSICAL FEATURES XX	
CULTURAL FEATURES							
27. ROADS XX		28. BUILDINGS XX		29. RAILROADS XX		30. OTHER CULTURAL FEATURES XX	
BOUNDARIES							
31. BOUNDARY LINES XX				32. PUBLIC LAND LINES XX			
MISCELLANEOUS							
33. GEOGRAPHIC NAMES CHB			34. JUNCTIONS CHB			35. LEGIBILITY OF THE MANUSCRIPT CHB	
36. DISCREPANCY OVERLAY CHB		37. DESCRIPTIVE REPORT CHB		38. FIELD INSPECTION PHOTOGRAPHS XX		39. FORMS CHB	
40. REVIEWER <i>Charles H. Bishop</i> C.H. Bishop 08/16/66				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>A. L. Shands</i> A. L. Shands 01/22/69				SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.			
Rev. By: <i>R. E. Smith</i> R. E. Smith 01/30/69							
43. REMARKS Field Edit Applied from: Field edit ozalid, Field Photos. Nos.: 61-W-9354, 9355, 9400, 9402, 9411, 9412							

T-12191

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-12191

SHORELINE

OCTOBER 29, 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 PORT ALEXANDER (D-1), ALASKA, 1:63,360 scale quadrangle, edition of 1948 with minor revisions made 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-9040 (DA 10-4-68) and H-9041 (DA 10-5-68). Incomplete manuscript T-12191 was the source for the rock on those surveys in the area which that survey covers. Some of these rocks were verified by neither the field editor nor the hydrographer.

Soundings on the boat sheets and a comparison of the July 1961 and July 1965 photography indicates that nearly one-half of the rocks shown on the incomplete manuscript are non-existent. They were removed during the course of final review.

Discrepancies that exist between the boat sheets and T-12191 have been indicated on the comparison print in purple.

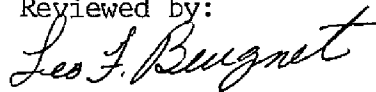
65. COMPARISON WITH NAUTICAL CHART

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

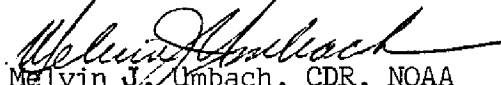
The survey was found to be adequate for photo-hydro support and Nautical Chart construction purposes.

Reviewed by:



Leo F. Beugnet
Cartographer

Approved for forwarding:


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 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 cards 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

134° 05' 00"

55' 30"
y = 1,860,000 FT.

Not on Photos GIW
9410, 11, 12. These
positions appear to
be in deep water



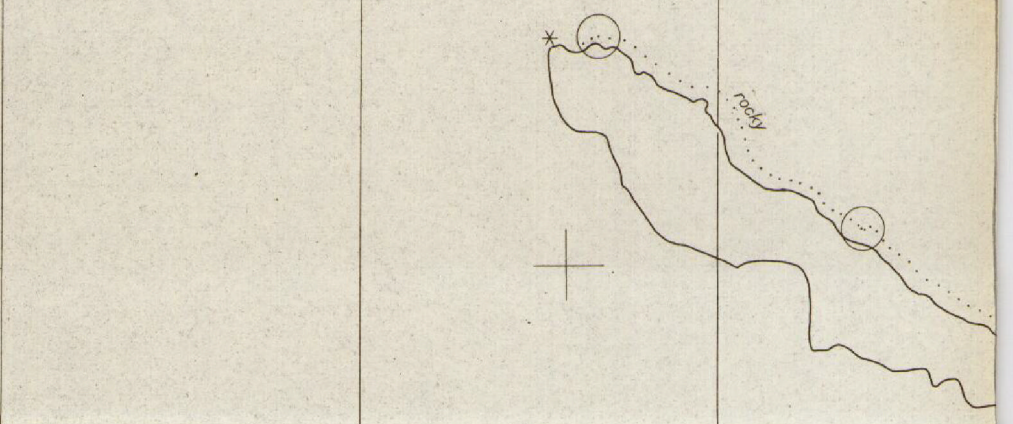
K
E

COMPARISON PRINT

Purple = H-9040

56° 55'

y = 1,855,000 FT.



54' 30"

04' 30"

04' 00"

T-12191

1:10,000

L

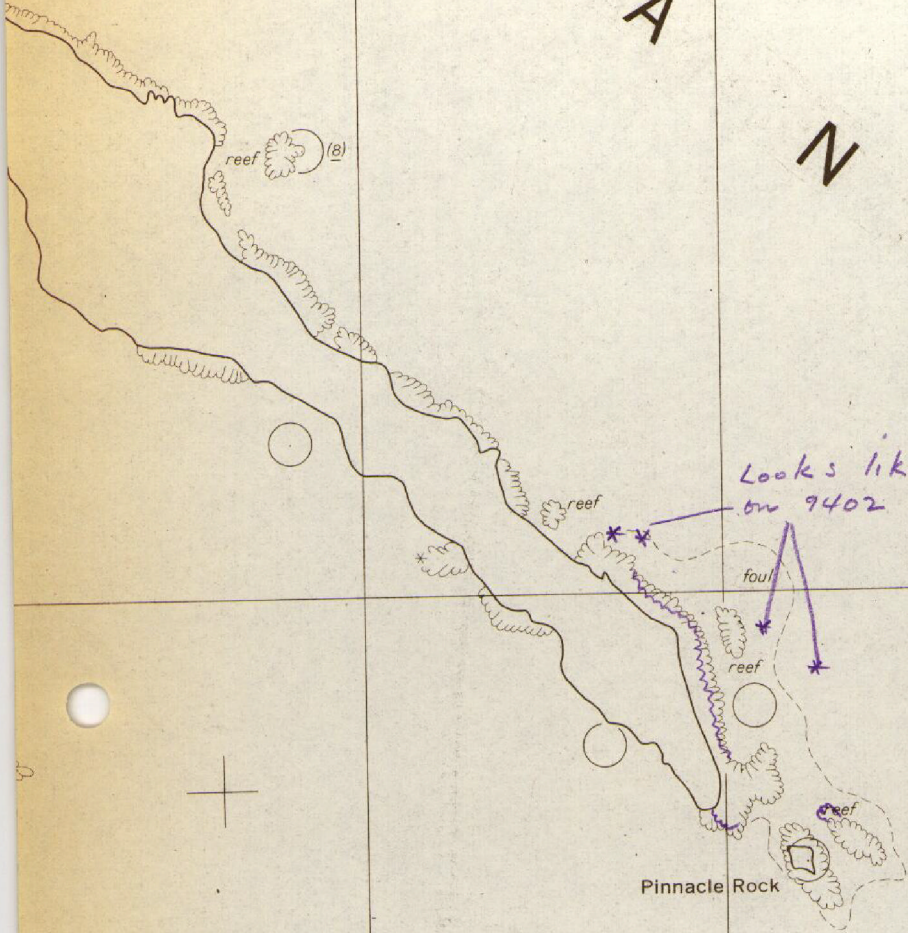
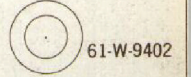
A

N

D

S

56° 54' 30"



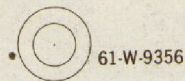
Looks like kelp on 9402

54'

COMPARISON PRINT

Purple = H-9040

53' 30"



01' 30"

134° 02' 00"

01' 30"

T-12191

1:10,000

134° 05' 00"

04' 30"

04'

COMPARISON PRINT

Purple = H-9040

