

12210

12210

FORM C&GS-504

U.S. DEPARTMENT OF COMMERCE  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey SHORELINE (Photogrammetric)

Field No. .... Office No. T-12210

LOCALITY

State ALASKA

General locality KEKI STRAIT

Locality HIGH ISLAND

19.61-70

CHIEF OF PARTY

Alfred C. Holmes  
Director, Atlantic Marine Center

LIBRARY & ARCHIVES

DATE .....

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR  
TO REGISTRATION

DESCRIPTIVE REPORT - DATA RECORD

T - 12210

OBJECT NO. (II):  PH-6206			
FIELD OFFICE (I):		CHIEF OF PARTY	
PHOTOGRAMMETRIC OFFICE (III):  ATLANTIC MARINE CENTER, NORFOLK, VA.		OFFICER-IN-CHARGE  Alfred C. Holmes, DIRECTOR	
INSTRUCTIONS DATED (II) (III): OFFICE SUPPLEMENT III DECEMBER 19, 1967 OFFICE SUPPLEMENT IV APRIL 14, 1970  FIELD INSTRUCTIONS FEBRUARY 11, 1969 OFFICE INSTRUCTIONS JANUARY 18, 1965			
METHOD OF COMPILATION (III):  WILD B-8			
MANUSCRIPT SCALE (III):  1:10,000		STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):  1:20,000 Pantographed to 1:10,000	
DATE RECEIVED IN WASHINGTON OFFICE (IV):		DATE REPORTED TO NAUTICAL CHART BRANCH (IV):	
APPLIED TO CHART NO.		DATE:	DATE REGISTERED (IV):  Sept. 4, 1975
GEOGRAPHIC DATUM (III):  NA 1927		VERTICAL DATUM (III) Mean High Water MEAN SEA LEVEL EXCEPT AS FOLLOWS: Elevations shown as (25) refer to mean high water Elevations shown as (3) refer to sounding datum i.e., mean low water or mean lower low water	
REFERENCE STATION (III):  NEAR 1927			
LAT.:	LONG.:	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED	
56°42'16.069" (497.1m)	133°43'50.653" (861.9m)		
PLANE COORDINATES (IV):		STATE	ZONE
y = 1,779,240.87 FT.      x = 2,672,768.14 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.			

FORM C&GS-181b  
(12-61)U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT - DATA RECORD

T-12210

FIELD INSPECTION BY (ii):  NONE		DATE:
MEAN HIGH WATER LOCATION (iii) (STATE DATE AND METHOD OF LOCATION): AIR PHOTO COMPILATION DATE OF PHOTOGRAPHY: August 5, 1969		
PROJECTION AND GRIDS RULED BY (iv):  J. Dempsey		DATE April 10, 1970
PROJECTION AND GRIDS CHECKED BY (iv):  E. Homick		DATE April 10, 1970
CONTROL PLOTTED BY (iii):  Aerotriangulation - Coradomat Triangulation - C. E. Blood		DATE April 10, 1970 June 15, 1970
CONTROL CHECKED BY (iii):  Aerotriangulation - Coradomat Triangulation - B. Wilson		DATE April 10, 1970 June 15, 1970
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (iii):  Robert E. Fisher		DATE February 19, 1970
STEREOSCOPIC INSTRUMENT COMPILATION (iii):	PLANIMETRY L. O. Neterer, Jr. A. L. Shands	DATE May 19, 1970 May 19, 1970
	CONTOURS  INAPPLICABLE	DATE
MANUSCRIPT DELINEATED BY (iii):  L. O. Neterer, Jr.		DATE June 12, 1970
SCRIBING BY (iii):  H. Gann		DATE Aug. 2, 1971
PHOTOGRAMMETRIC OFFICE REVIEW BY (iii): Confirmation L. L. Graves		DATE June 18, 1970
REMARKS:  Field Edit By: Gregory L. Miller, ENS, NOAA      July 1970		

DESCRIPTIVE REPORT - DATA RECORD  
T-12210

CAMERA (KIND OR SOURCE) (III):

Wild RC-8 "E" and "W"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME PST	SCALE	STAGE OF TIDE Above MLLW
69 E(0) 963 and 964	5 Aug. 1969	12:02	1:40,000	5.3 feet
61 W 9424 and 9425	16 July 1961	09:02	1:20,000	1.2 feet
61 W 9618 thru 9620	16 July 1961	11:19	1:20,000	1.1 feet

TIDE (III) (Predicted)

diurnal

	RATIO OF RANGES	MEAN RANGE	<del>XXXXXX</del> RANGE
REFERENCE STATION: Ketchikan, Alaska		13.0	15.4
SUBORDINATE STATION: The Summit, Keku Strait		13.2	15.7
SUBORDINATE STATION:			

Atlantic Marine Center

~~WASH DC 20340~~ REVIEW BY (IV):

C. H. Bishop

DATE:

March 1973

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

6

RECOVERED:

6

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-12210

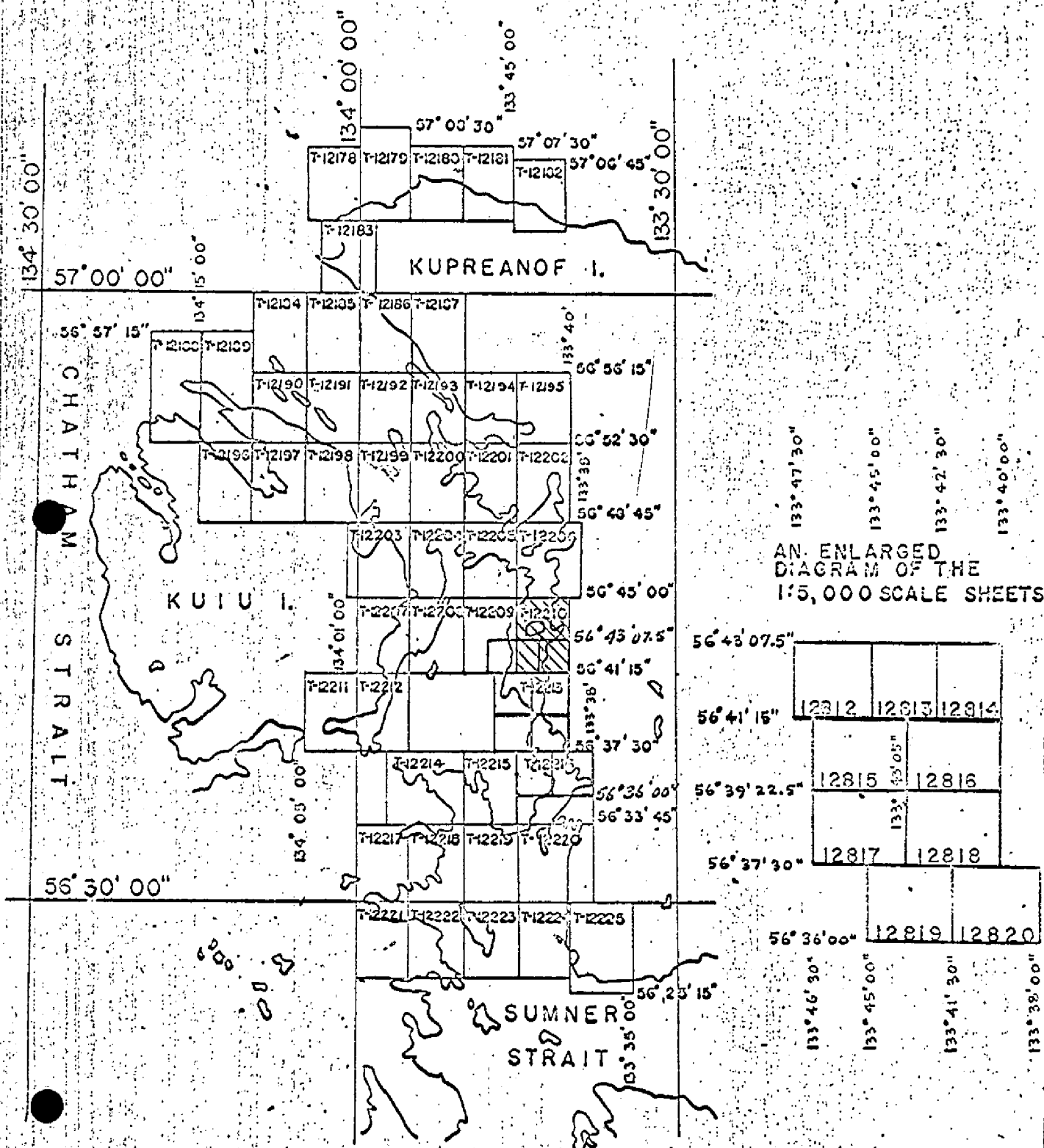
COMPILATION RECORD	COMPLETION DATE	REMARKS
Manuscript Complete Pending Field Edit	June 16, 1970	Superseded
Field Edit Applied	July 15, 1971	Superseded
Final Review	March 1973	

# SHORELINE MAPPING PROJECT

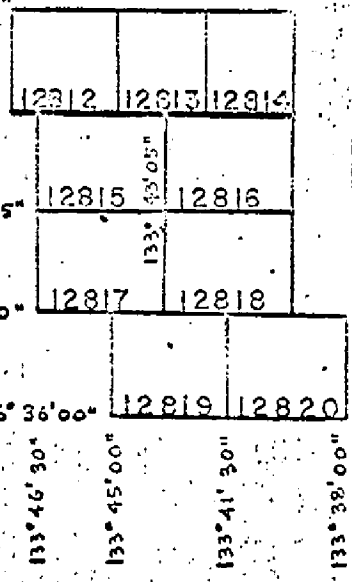
Ph-6206

## 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-12210

This 1:10,000 scale shoreline manuscript is one of 53 maps that comprise Project PH-6206, Keku Strait, Alaska. The project diagram indicates the location of T-12210 in the project.

There was no field work prior to compilation, except the identification of horizontal control for aerotriangulation.

Only the area north of  $56^{\circ} 43' 07.5''$  was compiled on T-12210. The area south of that latitude was compiled at 1:5,000 scale on T-12813 and T-12814. Compilation was by Wild B-8 Plotter and graphic methods, using panchromatic photographs taken in 1961 and color photographs taken in 1969. Control was based on a stereo-planigraph bridge. Stable transparent copies of the map manuscript, ozalids, and specially prepared photographs were furnished for transfer of shoreline to the boat sheet, location of photo-hydro signals, and field edit.

Field edit was done in conjunction with hydrography in 1970. After application of field edit data to the map, it was scribed and reproduced on cronaflex.

Final review was done at the Atlantic Marine Center in March 1973.

The compilation manuscript was a vinylite sheet 3 minutes 45 seconds in latitude by 5 minutes in longitude.

A cronaflex copy of the final reviewed manuscript and a negative have been forwarded for record and registry.



JOB PH-6206

T-12210

Field Inspection Report

There was no field inspection prior to compilation.

8

Aerotriangulation Report  
PH-6206  
Keku Strait, Alaska

February 19, 1970

21. Area Covered

This project covers areas in the vicinity of Keku Strait - Kuiu Island, Alaska. T-sheets covered are as follows:

T-12203 thru T-12225  
all T-sheets are at 1:10,000 scale

22. Method

Five strips were bridged to provide horizontal positions of pass points needed for compilation. Strip #12 was bridged in two parts, 12a and 12b, because of open water. Strip #14 was not bridged due to satisfactory pass point coverage from Strips 13, 15 and 16.

Strip #11 was bridged on the C-5. Strips 12a, 12b, 13, 15 and 16 were bridged on the C-8. All were adjusted by electronic computer.

Strip #11 used seven control points and a tie point in a third degree adjustment.

Strip #12a used a first degree adjustment with two control points. One tie point was available for a check.

Strip #12b used a third degree adjustment with five control points.

Strip #13 used three control points in a second degree adjustment.

Strips 15 and 16 used four control points in third degree adjustments.

All pass points, except one in Strip #16, were drilled.

Corresponding tie point values were averaged.

This project was tied through common control stations with the 1966 project in this area.

-2-

### 23. Adequacy of Control

Horizontal control was adequate in all strips. However station "SPIT 1927" and its subpoint appearing in both Strip #11 of this project and in Strip #1 of the adjacent "Sumner Strait" project had residual errors on the order of 15 feet in X. These errors were similar in direction and magnitude for both points and in both strips. The reason for not obtaining a better check with these points is not known.

Many control stations in this project were recovered in 1965 and pricked on 1964, 1:20,000 scale photography. The 1970 bridge was run with new 1:40,000 scale photography, therefore, much of the old control was not visible in these bridges. All 1969 identified control used in this project was targeted.

The RMS errors in fit to control for the 1969 identified control, (except "SPIT 1927") and including the 1965 identified control "ALL 1927" and "CEN 1927" were 2.5 feet in X and 1.2 feet in Y. The maximum errors were 6.8 feet in X and 3.3 feet in Y.

### 24. Supplemental Data

U. S. Geological Survey quadrangles were used to provide elevations for vertical adjustment of the bridges.

### 25. Photography

Photography was satisfactory with regards to coverage, overlap and definition.

Submitted by,

*John P. Bertram Jr. for*  
Robert E. Fisher  
Cartographer (Photo)

Approved and forwarded,

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

# KEKU STRAIT ALASKA

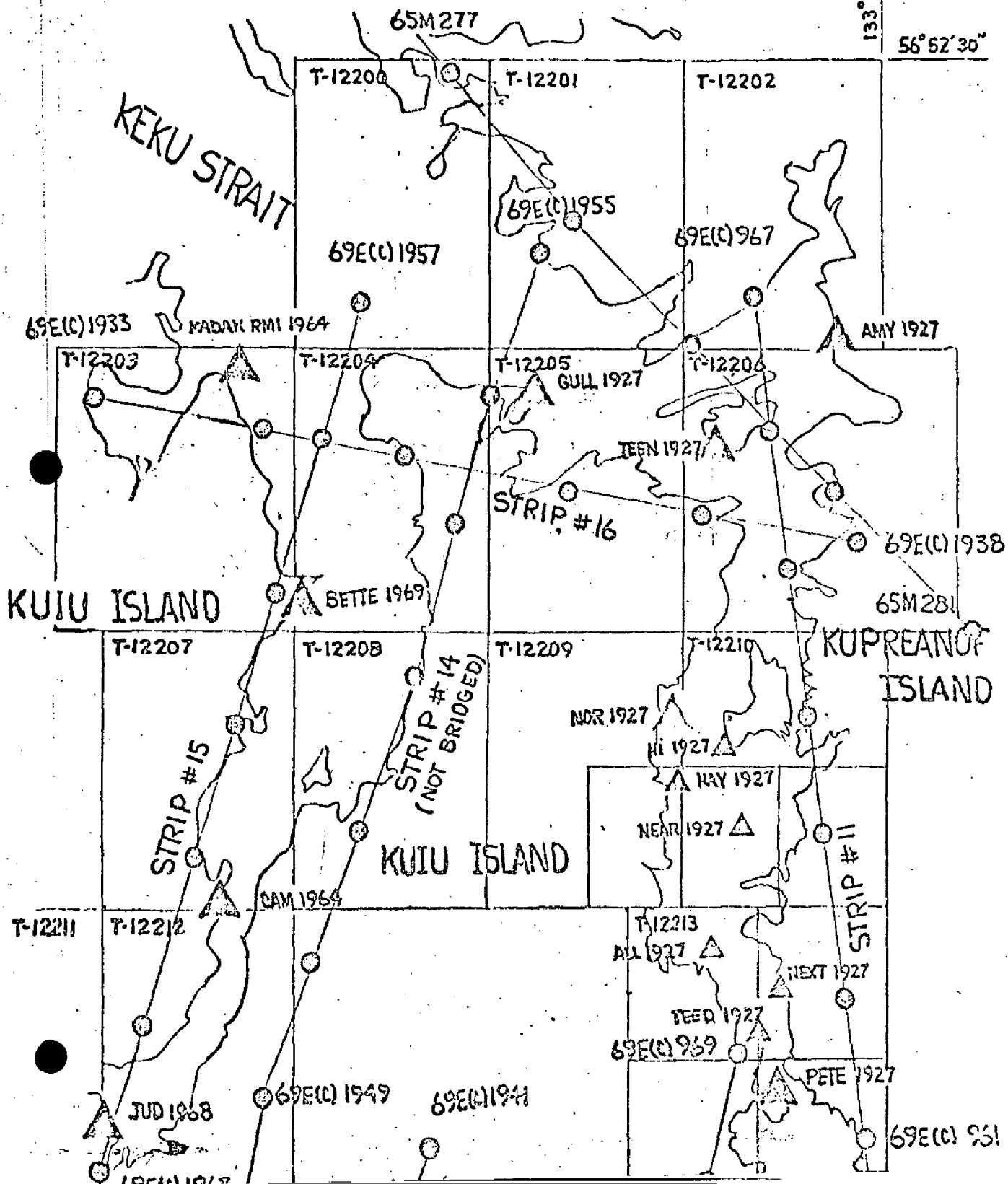
PH 6206 FEB 1970

△ 1969 Identification

▲ 1965 Identification

133° 40' 00"

56° 52' 30"



# KEKU STRAIT ALASKA

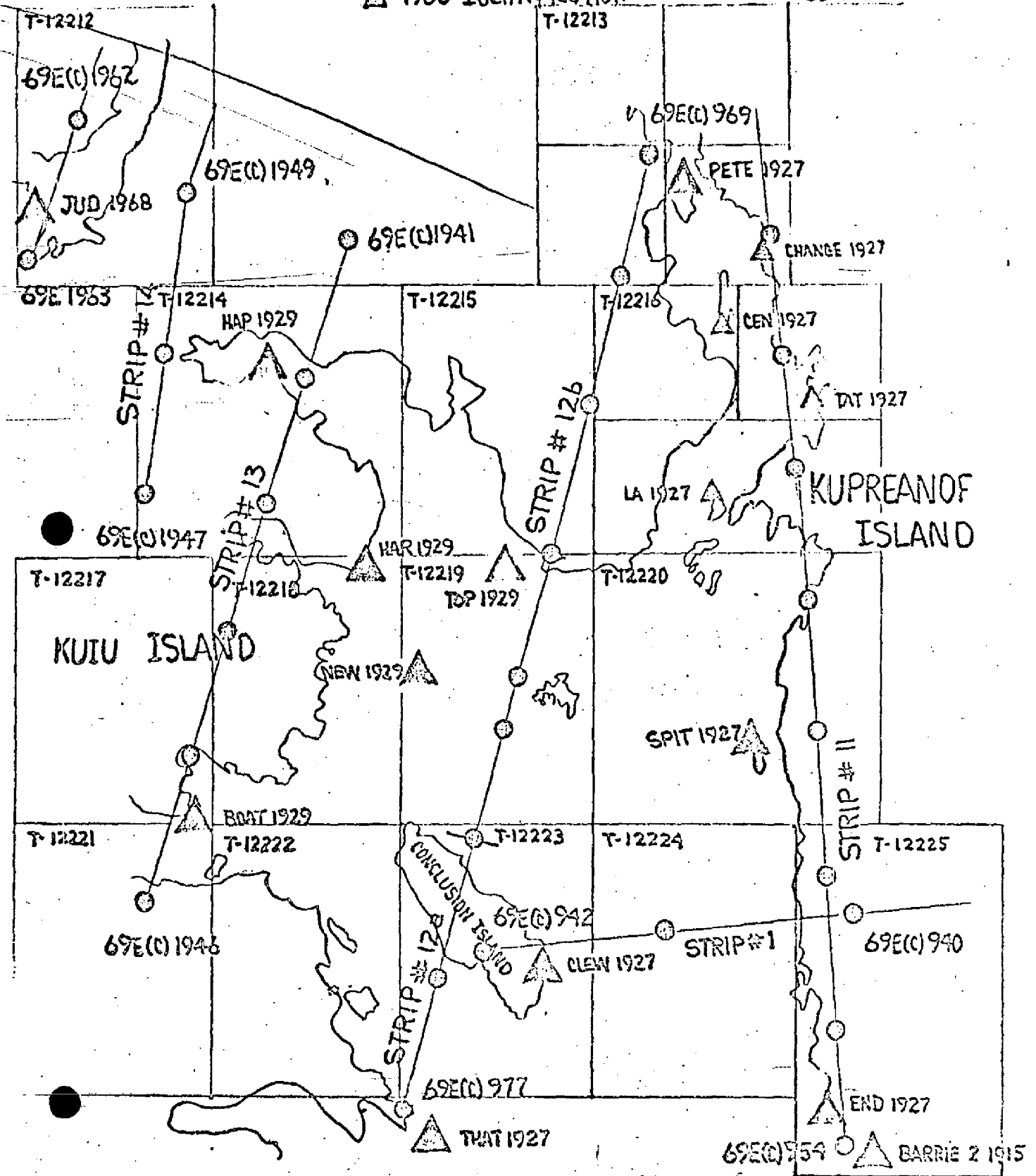
PH 6206

▲ 1969 Identification

▲ 1965 Identification

133°40'00"

56°41'15"



DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 12210 PROJECT NO. PH-6206 SCALE OF MAP 1:10,000 SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y COORDINATE LONGITUDE OR X COORDINATE	DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Ft. = 3048006 meter)		N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Ft. = 3048006 meter)
				FORWARD	(BACK)	
HI 1927	G.P. VOL. 56133 P. 14	NA 1927	56 43 20.787	643.0	(1212.9)	
NEAR 1927	G.P. VOL. 56133 P. 21	"	133 44 07.377	125.5	( 894.9)	
AX, 1927	G.P. VOL. 56133 P. 2	"	56 42 16.069	497.1	(1358.8)	
	G.P. VOL. 56133 P. 3	"	133 43 50.653	861.9	( 159.0)	
BEACON, 12 1927	G.P. VOL. 56133 P. 2	"	56 44 23.092	714.3	(1141.6)	
	G.P. VOL. 56133 P. 3	"	133 43 31.598	537.2	( 482.8)	
POZ 1927	G.P. VOL. 56133 P. 26	"	56 43 16.537	511.5	(1344.5)	
	G.P. VOL. 56133 P. 32	"	133 44 25.183	428.3	( 592.2)	
TEST 2, 1927	G.P. VOL. 56133 P. 32	"	56 44 58.735	1816.8	( 39.1)	
	G.P. VOL. 56133 P. 33	"	133 43 29.841	507.1	( 512.6)	
TOM, 1927	G.P. VOL. 56133 P. 33	"	56 44 40.890	1264.8	( 591.1)	
	G.P. VOL. 56133 P. 31	"	133 44 16.708	284.0	( 735.6)	
STEEP 1927	G.P. VOL. 56133 P. 33	"	56 44 41.070	1270.4	( 585.5)	
	G.P. VOL. 56133 P. 31	"	133 43 34.446	585.5	( 434.1)	
			56 43 53.058	1641.2	( 214.7)	
			133 44 10.783	183.3	(836.8)	

COMPUTED BY C. BLOOD  
 CHECKED BY B. Wilson  
 DATE 6/13/70  
 DATE 11/29/67  
 DATE 6/13/70  
 DATE 2/25/69  
 L. O. N. Jr.  
 10

## COMPILATION REPORT

T-12210

31. DELINEATION

Delineation was by Wild B-8 Plotter. The MLLW was delineated by graphic methods. The area south of Lat.  $56^{\circ}43'07.5''$  was compiled at 1:5,000 scale on Maps T-12813 and T-12814.

32. CONTROL

See "Aerotriangulation Report," dated February 19, 1970.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable. Drainage has been delineated from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The MHW line was delineated from office interpretation of the 1969 color photographs.

The MLLW line from  $133^{\circ} 43'$  Longitude to the west side of Keku Strait was delineated from office interpretation of 1961 photographs taken at 1.2 ft. stage of tide. From  $133^{\circ} 43'$  Longitude to the east side was delineated from 1961 photographs taken at 1.1 ft. stage of tide.

36. OFFSHORE DETAIL

Offshore detail was compiled from office interpretation of the photographs.

37. LANDMARKS AND AIDS

Copies of Form 76-40 have been forwarded to the appropriate divisions.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Junctions were made with 1:10,000 scale manuscripts, T-12206 to the north, and T-12209 to the west. There is no contemporary survey to the east.

Junctions were made with 1:5,000 scale manuscripts T-12815 and T-12816 to the south and T-12812 to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

41. FIELD EDIT

Field edit was adequate.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S.G.S. Quadrangle Petersburg (C-6) Alaska, Scale 1:63,360, dated 1948.



47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with Chart 8201, Scale 1:217,828, 11th Ed. dated Mar. 4, 1963, Revised July 20, 1964. And chart 8272, scale 1:20,000, 3rd Ed. dated Oct. 17, 1966.

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  
June 12, 1970

Approved for forwarding:

*Melvin J. Umbach*  
Melvin J. Umbach, CDR, NOAA  
Chief, Photogrammetry Division  
Atlantic Marine Center

Approved:

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

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

PH-6206 (Keku Strait, Alaska)

T-12210

High Island

Irish Creek

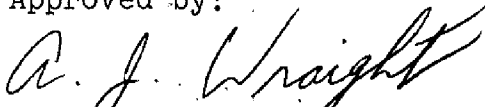
Keku Strait

Kuiu Island

Kupreanof Island

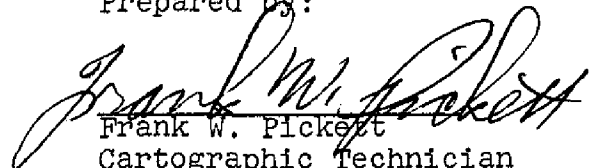
Rocky Pass

Approved by:



A. Joseph Wraight  
Chief Geographer

Prepared by:



Frank W. Pickett  
Cartographic Technician

OK. 4-4-72

T-12210

49. NOTES FOR THE HYDROGRAPHER

None

**PHOTOGRAMMETRIC OFFICE REVIEW**  
T. 12210

1. PROJECTION AND GRIDS LLG		2. TITLE LLG		3. MANUSCRIPT NUMBERS LLG		4. MANUSCRIPT SIZE LLG	
<b>CONTROL STATIONS</b>							
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY LLG Pending Recovery				6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) XX		7. PHOTO HYDRO STATIONS XX	
8. BENCH MARKS None		9. PLOTTING OF SEXTANT FIXES None		10. PHOTOGRAMMETRIC PLOT REPORT LLG		11. DETAIL POINTS LLG	
<b>ALONGSHORE AREAS (Nautical Chart Data)</b>							
12. SHORELINE LLG		13. LOW-WATER LINE LLG from 1961 - .5+1.0ft.		14. ROCKS, SHOALS, ETC. LLG		15. BRIDGES None	
16. AIDS TO NAVIGATION XX		17. LANDMARKS XX		18. OTHER ALONGSHORE PHYSICAL FEATURES LLG		19. OTHER ALONGSHORE CULTURAL FEATURES None	
<b>PHYSICAL FEATURES</b>							
20. WATER FEATURES LLG				21. NATURAL GROUND COVER XX		22. PLANETABLE CONTOURS Not Applicable	
23. STEREOSCOPIC INSTRUMENT CONTOURS Not Applicable		24. CONTOURS IN GENERAL Not Applicable		25. SPOT ELEVATIONS None		26. OTHER PHYSICAL FEATURES LLG	
<b>CULTURAL FEATURES</b>							
27. ROADS None		28. BUILDINGS None		29. RAILROADS None		30. OTHER CULTURAL FEATURES LLG	
<b>BOUNDARIES</b>							
31. BOUNDARY LINES Not Applicable				32. PUBLIC LAND LINES Not Applicable			
<b>MISCELLANEOUS</b>							
33. GEOGRAPHIC NAMES LLG			34. JUNCTIONS LLG			35. LEGIBILITY OF THE MANUSCRIPT LLG	
36. DISCREPANCY OVERLAY LLG		37. DESCRIPTIVE REPORT LLG		38. FIELD INSPECTION PHOTOGRAPHS None		39. FORMS LLG	
40. REVIEWER L.L. Graves June 18, 1970				SUPERVISOR, REVIEW SECTION OR UNIT			
41. REMARKS (See attached sheet)							
<b>FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT</b>							
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 L.O. Neterer, Jr.				SUPERVISOR			
43. REMARKS Field edit applied from Field Edit Ozalid and Photo 69 E(0) 964							

FIELD EDIT REPORT  
 Keku Strait  
 Southeast Alaska  
 OPR-448

June - October 1970

INTRODUCTION

Field edit reports are attached for the following maps:

T-12205	(TP-00205)
T-12206	(TP-00206)
T-12209	(TP-00209)
T-12210	
T-12216	
T-12220	
T-12224	
T-12225	

Field photographs and copies of the field edit ozalids were taken into the field. The mean high water line was verified by visual inspection of the shoreline and ozalids in the field. Isolated rocks, high points of ledges, ledge limits, and some shoreline were located by three-point fixes with check angles. Fixes were plotted on boat sheets:

DA-10-4-70  
 DA-10-5-70  
 DA-10-6-70  
 DA-10-7-70

and then transferred to the T-sheets and ozalids for comparison.

Notes have been made in red on the field photographs and have been cross referenced on the Field Edit Ozalids by photograph number. All times are based on 105° West meridian. Individual reports by manuscripts are attached.

TIDE NOTES

The following tide stations were used for hydrography in the Keku Strait area:

Pup Island  
 High Island  
 Eagle Island  
 Monte Carlo Island

Manuscripts T-12201 and T-12202 were inspected. Since no field edit was requested by the compilers the inspection was to check the manuscript in general. The manuscripts agreed quite well with the field inspection.

FIELD EDIT REPORT  
MAP-T-12210  
Keku Strait  
Southeast Alaska  
July 1970

Field edit of Map T-12210 was done by Ens. Gregory L. Miller during July 1970. Inspection was done on foot and in a 12 foot whaler.

METHOD

Copies of the field edit ozalid and field photographs were taken into the field and the individual items in question were visited. Information on those items is listed on the ozalid and cross referenced to the photographs. Notes have been made in violet on the field photographs and have been cross referenced on the Field Edit Ozalid by photograph number. Notes on the ozalid have been made in blue. All times are based on 105<sup>0</sup> W meridian. Notes are on photograph 69E964.

ADEQUACY OF COMPILATION

Compilation of the map is good. Hydrographic location of boulders compares well to the photogrammetric location of same boulders.

Field inspection of this map is complete.

RECOMMENDATIONS

It is recommended that this map be revised in accordance with the notes on the photographs and that the map be accepted as an advance manuscript.

ATTACHMENTS

A copy of "Nonfloating Aids or Landmarks for Charts", form C&GS 567, is attached.

Respectfully submitted,

*Warren K. Taguchi*  
for  
Gregory L. Miller  
ENS. NOAA

## APPROVAL SHEET FOR FIELD EDIT

The field edit of the following manuscripts was accomplished under my supervision:

T-12205.....TP-00205  
T-12206.....TP-00206  
T-12209.....TP-00207  
T-12210  
T-12216  
T-12220  
T-12224  
T-12225

Inspection of the work was made.

*Ray E. Moses*

Ray E. Moses  
CDR, NOAA  
Commanding Officer  
NOAA Ship DAVIDSON

NOAA FORM 76-40  
(2-71)  
PRESCRIBED BY  
PHOTOGRAMMETRY INSTRUCTION NO. 64.

U.S. DEPARTMENT OF COMMERCE-NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
**NONFLOATING AIDS ~~OR~~ FOR CHARTS**

ORIGINATING ACTIVITY  
 FIELD INSPECTION  
 FIELD EDIT  
 COMPILATION  
 FINAL REVIEW  
 QUALITY CONTROL AND REVIEW  
*(See reverse for responsible personnel)*

ORIGINATING LOCATION  
NOAA SHIP DAVIDSON  
DATE  
June 19, 1970

TO BE CHARTED  
 TO BE DELETED

JOB NUMBER  
PH- 6206  
STATE: ALASKA

SURVEY NUMBER  
T- 12210

DATUM  
N.A. 1927

METHOD AND DATE OF LOCATION  
*(See instructions on reverse of this form)*

CHARTING NAME	DESCRIPTION	POSITION		LONGITUDE SP. METERS	FIELD INSPECTION	COMPILATION	FIELD EDIT	CHARTS AFFECTED
		LATITUDE SP. METERS	LONGITUDE SP. METERS					
DAYBEACON 40	Keku Strait Daybeacon No. 40 (BEACON 12, 1927)	56 43	133 44	25.00			Verified June 19, 1970	8272
DAYBEACON 41	Keku Strait Daybeacon No. 41	41 56 44	133 44	13.04			Verified June 19, 1970	8272



RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
1. Objects inspected from seaward	
2. Positions determined and/or verified	Gregory L. Miller
3. Forms originated by Quality Control and Review Group and final review activities	Lowell O. Neterer, Jr.
INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION	
	TITLE
<input type="checkbox"/> FIELD INSPECTOR	
<input type="checkbox"/> FIELD EDITOR	
<input type="checkbox"/> FIELD INSPECTOR	
<input type="checkbox"/> FIELD EDITOR	ENS. (NOS)
<input type="checkbox"/> COMPILER	Carto. Tech.
<input type="checkbox"/> REVIEWER	
<input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE	

NOTE: 'Photogrammetric Positions' are dependent entirely, or in part, upon control established by photogrammetric methods. 'Field Positions' are determined by field observations based entirely upon ground control.

COLUMN TITLE

TYPE OF ENTRIES

COMPLIATION

Applicable to office identified and located objects only. Enter the number and date of the photograph used to identify the object.

FIELD INSPECTION

1. New Position Determined—Enter the applicable data by symbols as indicated below:

FIELD EDIT: 200 11 P-Field 1. Field identified 2. Theodolite 3. Planetable 4. Sextant P. 2

XX

Immediately beneath the data described above, enter the following:  
 a. For 'Field Positions' enter the date of location.  
 b. For 'Photogrammetric Positions' enter the date of field work; and, if a photograph was used in locating the object or the object was identified on a photograph, enter the number of the photograph used.

XX

## REVIEW REPORT T-12210

## SHORELINE

March 6, 1973

61. GENERAL STATEMENT

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

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

A comparison was made with a copy of Survey No. 4341, 1:10,000 scale, dated September-October 1927. Significant differences between this survey and T-12210 are shown on the comparison print in blue. Survey No. 4341 is now obsolete for nautical chart construction purposes and the compared area is now superseded by T-12210.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with USGS Quadrangle PETERSEBURG (C-6), scale 1:63,360, dated 1948. No significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with a copy of the boat sheet for Survey H-9159, scale 1:10,000, dated 1970. Differences between this survey and T-12210 are shown in purple on the comparison print. There were no shoreline differences, as T-12210 was the base map for shoreline in the area compared. Much of the mean lower low water line was not in agreement. It was retained on T-12210 for whatever use it may be to the chart compiler.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Chart 8272, scale 1:20,000, 4th Edition dated November 21, 1970. Shoreline differences between this chart and T-12210 were found to be the same as shoreline differences between T-4341 and T-12210. These differences are shown in blue on the comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This survey complies with project instructions and the National Standards for Map Accuracy.

Reviewed by:

*Charles H. Bishop*

Charles H. Bishop  
Cartographer

Approved for forwarding:

*Melvin J. Umhoefer*  
Melvin J. Umhoefer, CDR, NOAA  
Chief, Coastal Mapping Division, AMC

Approved:

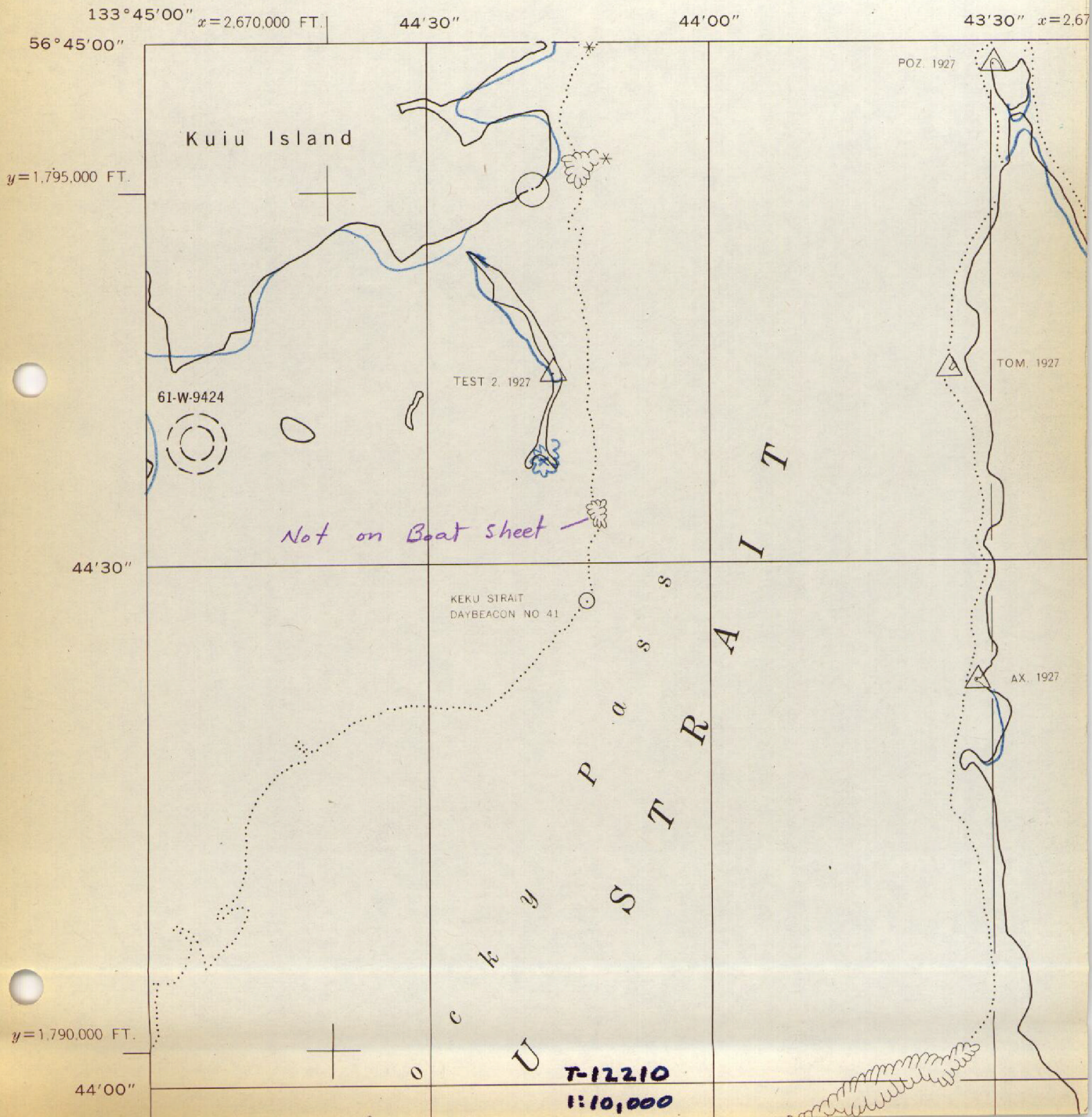
*Alfred C. Holmes*  
Alfred C. Holmes,  
RADM, NOAA  
Director, Atlantic Marine Center

Approved:

Chief, Photogrammetric Branch    Chief, Coastal Mapping Division

COMPARISON PRINT

Blue = T-4341  
Purple = H-9159





COMPARISON PRINT

Blue = T-4341  
Purple = H-9159

5,000 FT. | 43'00" | 42'30" | 133°42'00" x=2,680,000 FT. | 41'30" | 56°45'00"





# HIGH ISLAND

STEEP. 1927

Awash MLLW

HI. 1927

KEKU STRAIT  
DAX BEACON NO 40  
BEACON 12. 1927

*rks not on B.S.;  
visible on photos*

*Not visible on 61W  
9425, 9619, 9620.  
Not on B.S.*



61W-9620

56°43'00"

43'30"

133°43'00"

42'

### COMPARISON PRINT

Blue = T-4341  
Purple = H-9159

#### NOTE:

"The photogrammetric location and delineation of features offshore from the mean high-water line on this survey may not be complete or final. The contemporary reviewed hydrographic survey of the area where available, should be consulted for the final delineation."

#### NOTE:

The area south of Lat. 56°43'07.5" is covered by 1:5,000 scale Maps T-12813 and T-12814.

T-12210  
1:10,000



N  
O  
F  
I  
S  
L  
A  
N  
D

69-E(C)-964

Rks  
Awash MLLW

Irish Creek

43'30"

56°43'00"

30"

42'00"

41'30"

133°41'00"

COMPARISON PRINT

Blue = T-4341  
Purple = H-9159

T-12210  
1:10,000

