

12206

12206

FORM C&GS-504 U.S. DEPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
<i>Type of Survey</i> SHORELINE (Photogrammetric)	
<i>Field No.</i>	<i>Office No.</i> T-12206
LOCALITY	
<i>State</i> ALASKA	
<i>General locality</i> KEKI STRAIT	
<i>Locality</i> HORSESHOE ISLAND	
<u>1961-70</u>	
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 - 12206

PROJECT NO. (II): PH-6206			
FIELD OFFICE (II): NONE		CHIEF OF PARTY	
PHOTOGRAMMETRIC OFFICE (III): ATLANTIC MARINE CENTER, NORFOLK, VA.		OFFICER-IN-CHARGE ALFRED C. HOLMES, DIRECTOR, AMC	
INSTRUCTIONS DATED (II) (III): OFFICE SUPPLEMENT IV APRIL 14, 1970 OFFICE SUPPLEMENT III DEC. 19, 1967 FIELD INSTRUCTIONS FEBRUARY 11, 1969 OFFICE INSTRUCTIONS JANUARY 18, 1965			
METHOD OF COMPILATION (III): WILD B-8 AND GRAPHIC			
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): N.A. 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 (5) refer to sounding datum i.e., mean low water or mean lower low water	
REFERENCE STATION (III): TEEN, 1927			
LAT.: 56°47'13.868" (429.0m)	LONG.: 133°44'05.919" (100.5m)	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED	
PLANE COORDINATES (IV): y = 1,809,460.72 FT x = 2,671,946.02 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
T-12206

FIELD INSPECTION BY (III): NONE		DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): AIR PHOTO COMPILATION DATE OF PHOTOGRAPHY: Aug. 5 & 24, 1969		
PROJECTION AND GRIDS RULED BY (IV): CORADOMAT - J. Dempsey		DATE April 20, 1970
PROJECTION AND GRIDS CHECKED BY (IV): CORADOMAT - E. Homick		DATE April 20, 1970
CONTROL PLOTTED BY (III): CORADOMAT		DATE April 20, 1970
CONTROL CHECKED BY (III): CORADOMAT		DATE April 20, 1970
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): R. E. Fisher		DATE Feb. 19, 1970
STEREOSCOPIC INSTRUMENT COMPILATION (III): WILD B-8	PLANIMETRY Reviewed: L. O. Neterer, Jr. A. L. Shands	DATE May 16, 1970 May 16, 1970
	CONTOURS NOT APPLICABLE	DATE
MANUSCRIPT DELINEATED BY (III): L. O. Neterer, Jr.		DATE June 23, 1970
SCRIBING BY (III): H. T. Gann		DATE July 26, 1967
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. J. Pate		DATE June 30, 1970
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD
T-12206

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CAMERA (KIND OR SOURCE) (III):

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

PHOTOGRAPHS (III)

NUMBER	DATE	TIME PST	SCALE	STAGE OF TIDE above MLLW
61 W 9368 thru 9373	16 July 1961	08:17	1:20,000	2.6 ft.
61 W 9376 thru 9379	16 July 1961	08:27	1:20,000	2.0 ft.
61 W 9423	16 July 1961	09:02	1:20,000	1.2 ft.
61 W 9614 thru 9618	16 July 1961	11:29	1:10,000	1.1 ft.
69 E(C) 965 thru 967	5 Aug. 1969	12:02	1:40,000	5.3 ft.
69 E(C) 1937 and 1938	5 Aug. 1969	12:42	1:40,000	10.3 ft.

TIDE (III) (Predicted) diurnal

	RATIO OF RANGES	MEAN RANGE	XXXXXX RANGE
REFERENCE STATION: Ketchikan, Alaska		13.0	15.4
COORDINATE STATION: Entrance Island		12.3	14.7
SUBORDINATE STATION:			

Atlantic Marine Center
~~WASHINGTON D.C. REVIEW BY (IV):~~ C. H. Bishop DATE: March 1973

PROOF EDIT BY (IV): DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 1 RECOVERED: 1 IDENTIFIED: 1

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-12206

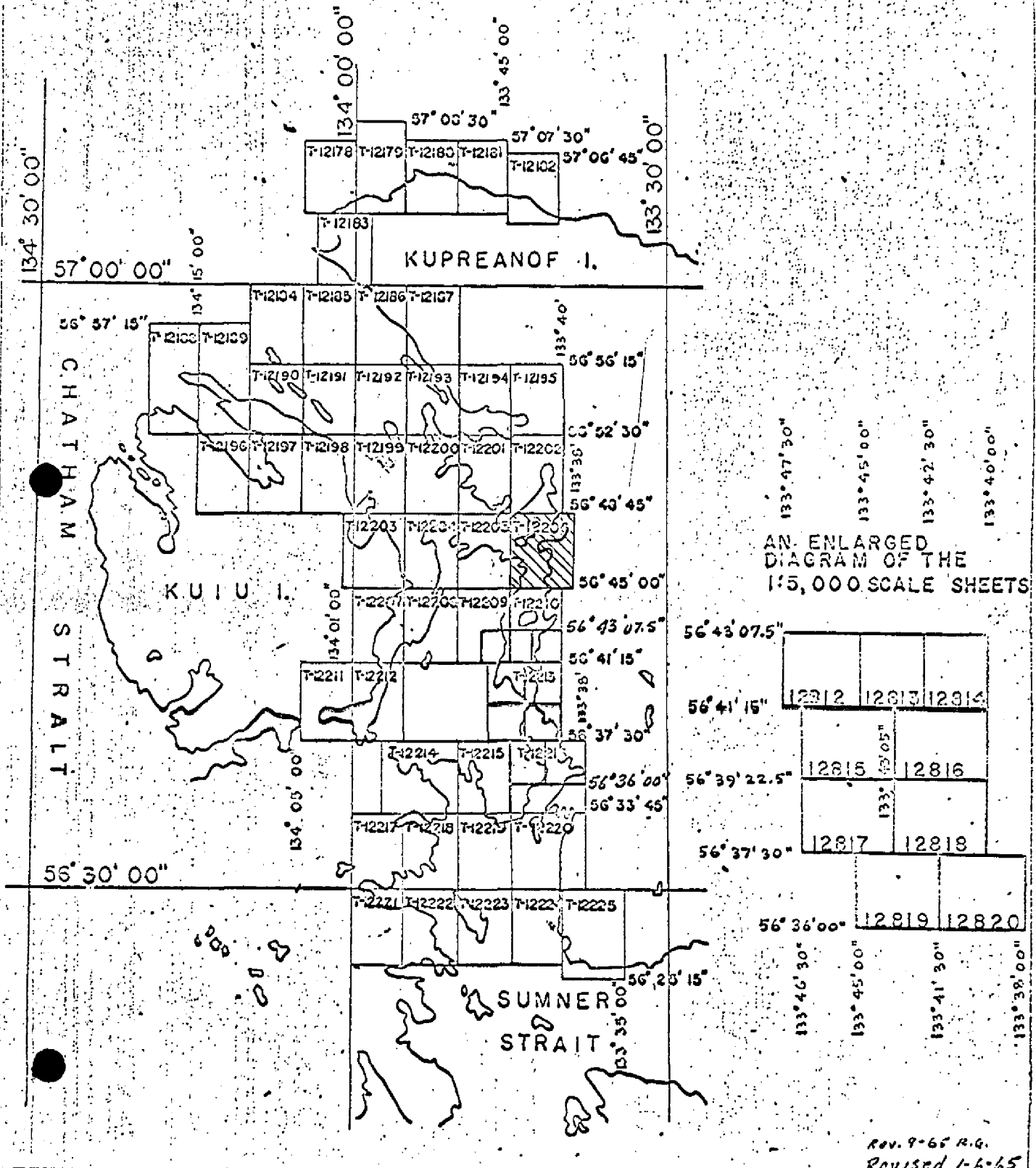
COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation Complete Pending Field Edit	June 30, 1970	Superseded
Field Edit Applied	June, 1971	
Final Review	March 1973	

SHORELINE MAPPING PROJECT

Ph-6206

KEKU STRAITS, ALASKA

SCALE 1:10,000



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

REV. 9-66 R.G.
REVISED 1-6-65
A.R.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-12206

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-12206 in the project.

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

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 stereoplanigraph bridge. Stable base 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 7 minutes in longitude.

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

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FIELD INSPECTION REPORT

JOB PH-6206

There was no field inspection prior to compilation.

Saturday _____
Aerotriangulation Report _____
PH-6206 _____
Sunday _____
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.

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 "Summer 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

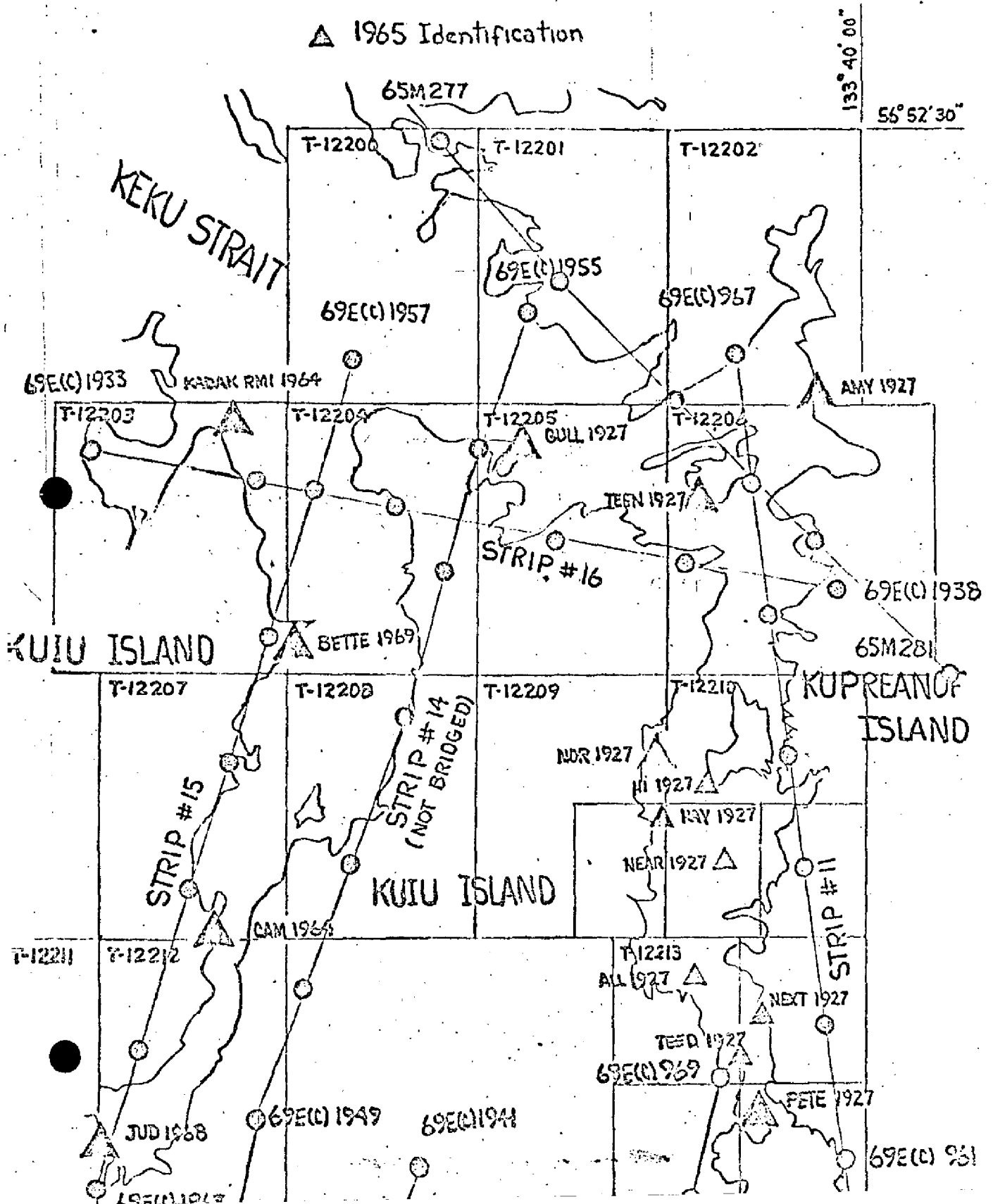
Photography was satisfactory with regards to coverage, overlap and definition.

Submitted by,
John D. Pearson 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



KEKU STRAIT ALASKA

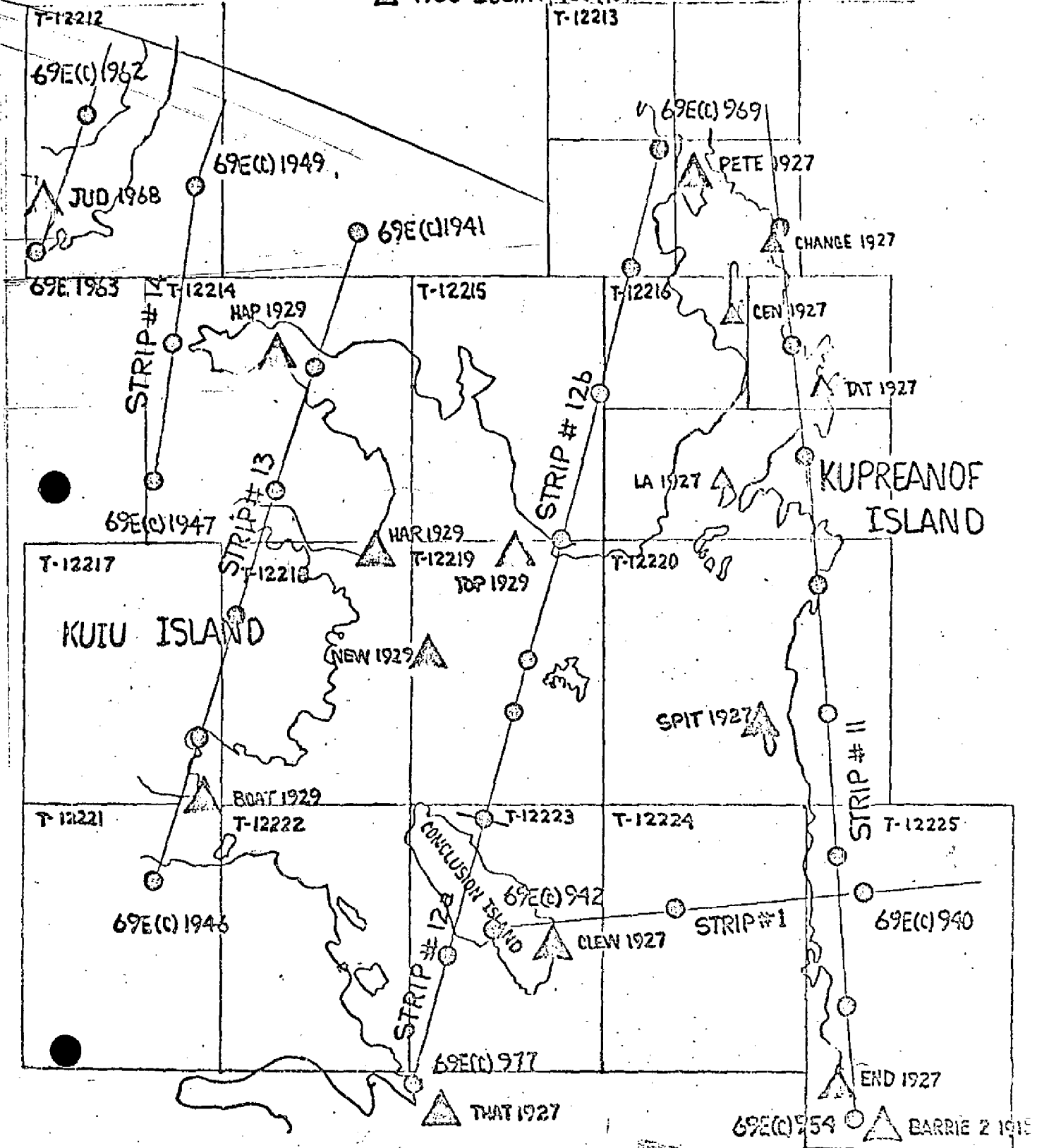
PH 6206

▲ 1969 Identification

△ 1965 Identification

133° 40' 00"

56° 41' 15"



DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 12206 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 FORWARD (BACK)
TEEN, 1927	VOL. 56133 P. 32	NA 1927	56° 47' 13.868	429.0	(1327.0)
			133° 44' 05.919	100.5	(918.2)
KEL, 1927	VOL. 56133 P. 16	"	56 46 43.325	1340.2	(515.8)
			133 43 35.513	603.1	(415.8)
PHI, 1927	VOL. 56133 P. 24	"	56 46 19.295	596.9	(1259.0)
			133 42 26.725	453.9	(565.2)
ZOP, 1927	VOL. 56133 P. 36	"	56 45 09.264	286.6	(1569.4)
			133 43 59.648	1013.7	(6.0)
GAM, 1927	VOL. 56133 P. 12	"	56 45 47.757	1477.3	(378.7)
			133 43 05.296	90.0	(929.3)
BEACON 16 1927	VOL. 56133 P. 3	"	56 46 45.29	1401.0	(455.0)
			133 43 05.56	94.4	(924.5)
NOM 1927	VOL. 56133 P. 22	"	56 45 30.857	954.5	(901.5)
			133 44 00.337	1 5.7	(1013.8)
DIN 1927	VOL. 56133 P. 8	"	56 47 04.600	142.3	(1713.7)
			133 42 29.639	503.3	(515.5)
DIF 1927	VOL. 56133 P. 8	"	56 45 20.943	647.8	(1208.5)
			133 42 33.232	564.7	(454.8)
SPINDLE, 21 1927	VOL. 56133 P. 31	"	56 47 05.60	173.2	(1682.8)
			133 44 58.35	990.7	(28.1)
JOHN, 1970	FIELD POS.	"	56 48 25.308	782.9	(1073.1)
			133 43 02.138	36.3	(981.8)

COMPUTED BY L. L. Graves DATE June 19, 1970
 CHECKED BY L. O. Neterer, Jr. DATE June 19, 1970

Compilation Report

T-12206

31. DELINEATION

The mean high water line and one daybeacon was compiled on the Wild B-8 stereo-plotter from the 1:40,000 scale color photography of August, 1969. All detail below the mean high water line was compiled graphically from 1:20,000 scale panchromatic photography of July, 1961. There was no field inspection.

32. CONTROL

See "Aerotriangulation Report" dated February 19, 1970.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

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

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline and alongshore detail was delineated from office interpretation of the photographs. See Item #31.

36. OFFSHORE DETAILS

The offshore detail was delineated by office interpretation of the photographs. See Item # 31. The field editor has been asked to verify all offshore area details.

37. LANDMARKS AND AIDS

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

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Satisfactory junctions have been made with T-12202 to the north, T-12210 to the south, and T-12205 to the west. There is no contemporary survey to the east.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

42-45

Not Applicable

46. COMPARISON WITH EXISTING MAPS

Comparison was made with U.S.G.S. Quadrangle Petersburg (D-6), Scale 1:63,360 dated 1951. Revised 1963.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 8272 dated October, 1966, scale 1:20,000.

A comparison was also made with prior bureau surveys, registry No. 4340 and 4341 dated September-October, 1927, scale 1:10,000.

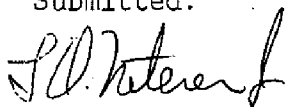
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD


None

Submitted:



L. O. Neterer, Jr.
Cartographic Technician

Approved for forwarding:


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

Approved:


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

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6206 (Keku Strait, Alaska)

T-12206

Beacon Island

Big John Bay

Keku Strait

Kuiu Island

Kupreanof Island

Rocky Pass

Stadia Rock

Stedman Cove

Horseshoe Island - g.p.

Approved by:

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

Prepared by:

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

O.K. 4-4-72

T-12206

49. NOTES FOR THE HYDROGRAPHER

None

FORM C&GS-1002 (9-66)		U.S. DEPARTMENT OF COMMERCE ESSA COAST AND GEODETIC SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW T- 12206			
1. PROJECTION AND GRIDS RJP	2. TITLE RJP	3. MANUSCRIPT NUMBERS RJP	4. MANUSCRIPT SIZE RJP
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY RJP	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 RJP
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE RJP	13. LOW-WATER LINE RJP	14. ROCKS, SHOALS, ETC. RJP	15. BRIDGES XX
16. AIDS TO NAVIGATION RJP	17. LANDMARKS RJP	18. OTHER ALONGSHORE PHYSICAL FEATURES RJP	19. OTHER ALONGSHORE CULTURAL FEATURES XX
PHYSICAL FEATURES			
20. WATER FEATURES RJP	21. NATURAL GROUND COVER XX		22. PLANETABLE CONTOURS XX
23. STEREOSCOPIC INSTRUMENT CONTOURS XX	24. CONTOURS IN GENERAL XX	25. SPOT ELEVATIONS XX	26. OTHER PHYSICAL FEATURES RJP
CULTURAL FEATURES			
27. ROADS XX	28. BUILDINGS RJP	29. RAILROADS XX	30. OTHER CULTURAL FEATURES XX
BOUNDARIES			
31. BOUNDARY LINES XX		32. PUBLIC LAND LINES XX	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES RJP	34. JUNCTIONS RJP		35. LEGIBILITY OF THE MANUSCRIPT RJP
36. DISCREPANCY OVERLAY RJP	37. DESCRIPTIVE REPORT RJP	38. FIELD INSPECTION PHOTOGRAPHS XXQ	39. FORMS RJP
40. REVIEWER R.J. Pate June 30, 1970		SUPERVISOR, REVIEW SECTION OR UNIT	
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 J. Bulfer June 1971		SUPERVISOR	
43. REMARKS Field edit applied from: Field Edit Ozalid and Photographs 61 W 9379 and 9381 69 E 964, 965 and 1938			

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-12206
Keku Strait
Southeast Alaska
July-August 1970

Field edit of Map T-12206 was done by LCdr. Fidel Smith, Lt(jg) Warren Taguchi, and Ens. Gregory Miller during July-September 1970. Inspection was done on foot and in a 17 foot whaler.

METHOD

Field photographs and a copy of the field edit ozalid were taken into the field. The mean high water line was verified by visual inspection of the shoreline and ozalid in the field. Isolated rocks, high points of ledges and ledge limits were located by three-point fixes with check angles. Fixes were plotted on boatsheet DA-10-5-70 and then checked with the T-sheet and ozalid. Specific items of question, as listed on the ozalid, were visited for verification.

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° W meridian. Notes are on the following photographs:

69 E 964	69 E(c) 1938
69 E 965	61 W 9379
69 E 966	

ADEQUACY OF COMPILATION

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

Warren K. Taguchi
Lt (jg). 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
CDR. NOAA
Commanding Officer
NOAA Ship DAVIDSON

RESPONSIBLE PERSONNEL		TITLE	
TYPE OF ACTION	NAME	TITLE	
1. Objects inspected from seaward		<input type="checkbox"/> FIELD INSPECTOR	<input type="checkbox"/> FIELD EDITOR
		FIELD INSPECTOR	
2. Positions determined and/or verified	Warren K. Taguchi	FIELD EDITOR	LWIG NOAA
	T. J. Bulfer	COMPILER	Cartographer
3. Forms originated by Quality Control and Review Group and final review activities		<input type="checkbox"/> REVIEWER	<input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE

INSTRUCTIONS FOR 'METHOD AND DATE OF LOCATION' SECTION

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: PHOTOGRAPHIC POSITIONING TYPE OF ENTRIES

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

FIELD INSPECTION AND FIELD EDIT: Enter the applicable data by symbols as indicated below:

- F - Field P - Photogrammetric
1. Triangulation
 2. Traverse
 3. Intersection
 4. Resection
 - a. Theodolite
 - b. Planetable
 - c. Sextant
- EXAMPLES: 1. Field identified 2. Theodolite 3. Planetable 4. Sextant P.2

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.

REVIEW REPORT T-12206

SHORELINE

March 1, 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 copies of Survey Nos. 4340 and 4341, 1:10,000 scale, dated September-October 1927. Significant differences between these surveys and T-12206 are shown on the comparison print in blue.

Surveys Nos. 4340 and 4341 are now obsolete for nautical chart construction purposes and the compared area is now superseded by T-2206.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with USGS Quadrangles PETERSBURG (D-5) and (D-6), scale 1:62,360, dated 1948. No significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with copies of Boat Sheets H-9158 (DA-10-4-70) and H-9159 (DA-10-5-70), both 1:10,000 scale and both dated 1970. The copy of H-9158 was poor; in places it was illegible. There were no shoreline differences, as T-12206 was the base map for shoreline in the area compared. The mean lower low water line, for the most part, did not agree. It was retained on T-12206 for whatever use it may be to the chart compiler. Other significant differences are shown in purple on the comparison print.

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-12206 were found to be approximately the same as shoreline differences between T-4340 and T-4341, and T-2206. These differences are shown in blue on the comparison print. Other significant differences between Chart 8272 and T-12206 are shown in red 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. Umbach
Melvin J. Umbach, 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

T-1550E

COMPARISON PRINT

Blue = T-4340

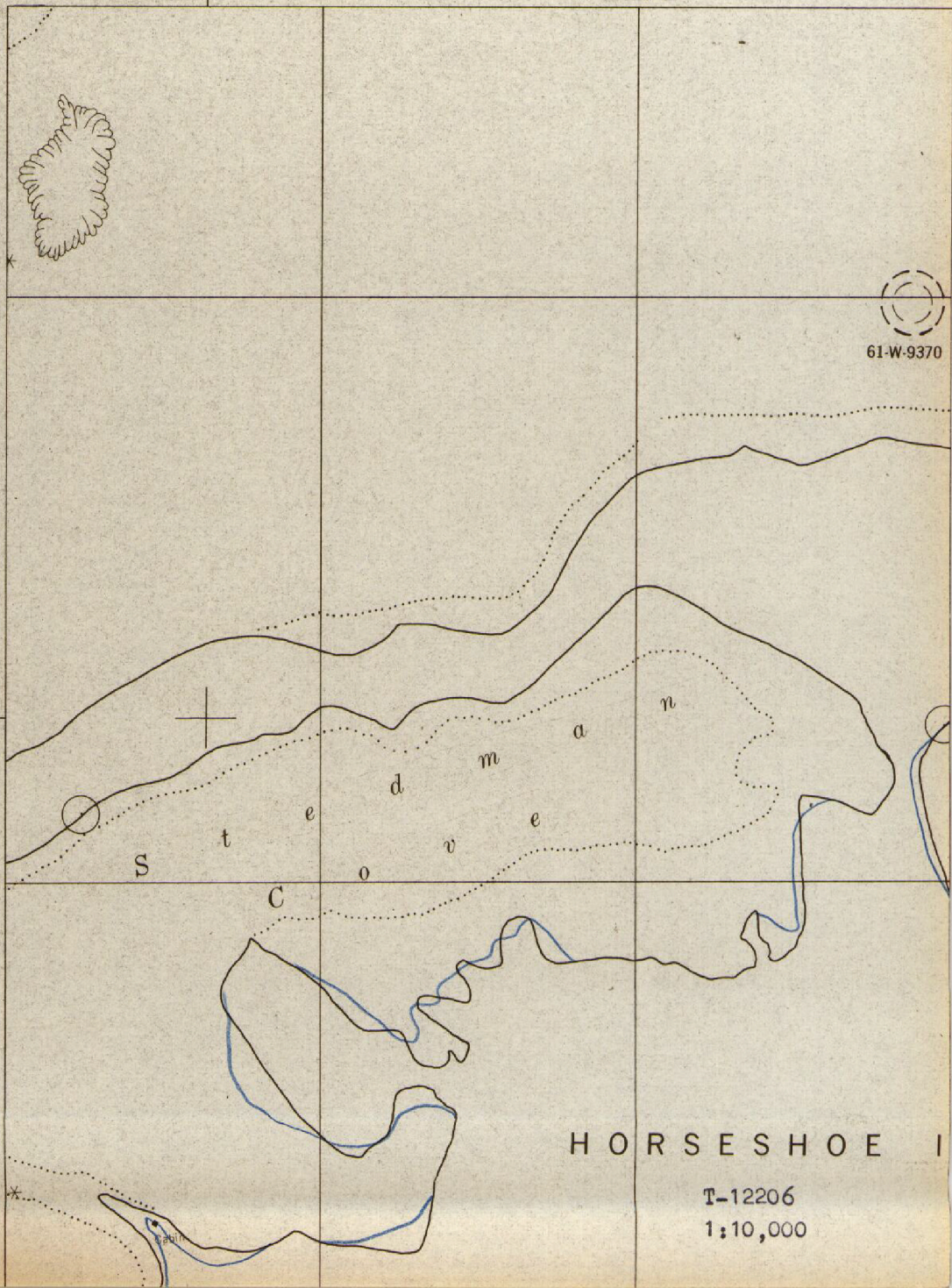
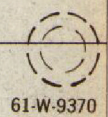
133°45'00" x=2,670,000 FT. 44'30" 44'00" 43'

56°48'45"

48'30"

y=1,815,000 FT.

48'00"



HORSESHOE I

T-12206

1:10,000

COMPARISON PRINT

Blue = T-4340

30" x=2,675,000 FT.

43'00"

42'30"

133° 42'00" x=2,680,000 FT.

41

B I G J O H N B A Y

JOHN, 1970.

61-W-9614

61-W-9371

61-W 9615

T-12206
1:10,000

S A N D

COMPARISON PRINT

Blue = T-4340

Red = Chart 8272

30" 41'00" 40'30" x=2,685,000 FT. 133°40'00" 39



3 Rks awash MHW

Numerous rocks

2 Rks awash MHW

Numerous rocks

61-W-9372

Rks. not visible on photos at positions indicated on Chart 8272

T-12206
1:10,000

56° 47' 30"

y = 1,810,000 FT.

COMPARISON PRINT

Blue = T-4340
Red = Chart 8272

KEKU STRAIT
DAYBEACON 46

TEEN 1927

KEKU STRAIT
DAYBEACON 47

61-W-9379

SPINDLE 21, 1927

R
O
C
K
S

K

47' 00"

E
P
O
S
K
U

Stadia
KEL 1927

*Works visible
at these positions
on photos*

*rk not visible
at this pos.
on photos*

56° 46' 30"

y = 1,805,000 FT.

133° 45' 00"

44' 30"

133° 44' 00"

69 E(C)-966

56° 41' 30"

COMPARISON PRINT

Blue = T-4340
Red = Chart 8272
Purple = H-9159

*Not on B.S.;
located by F.E.*

DIN. 1927

Awash MLLW

61-W-9616

Rock

BEACON 16 1927
KEKU STRAIT
DAYBEACON 44

BEACON
ISLAND

*no rks visible
at these positions
on photos*

61-W-9378

56° 46' 30"

T-12206
1:10,000

Awash MLLW

Awash MHW

PHI. 1927

133° 43' 00"

42' 30"

S

T

R

A

I

T

47'30"

COMPARISON PRINT

Blue = T-4340
Purple = H-9159



56°47'00"

K U P R E

46'30"

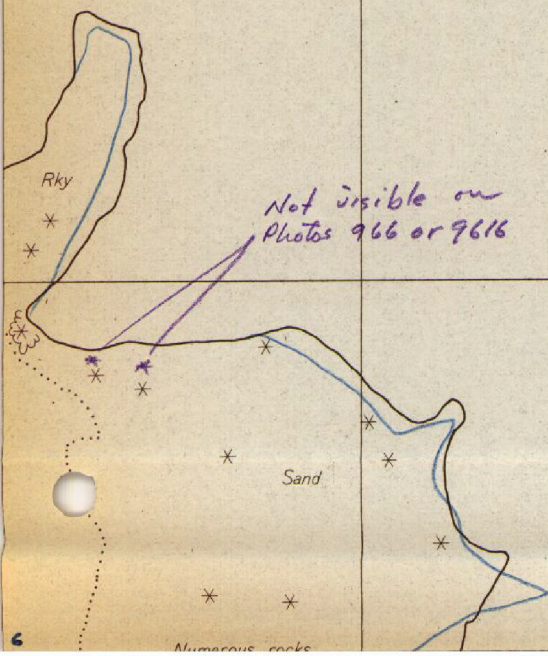
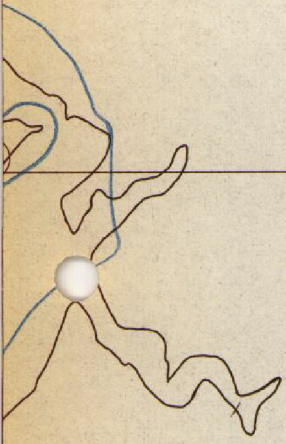
*Not visible on
Photos 966 or 9616*

I S L A

40'30"

133°40'00"

T-12206
1:10,000



133°45'00"

30

KUIU ISLAND

COMPARISON PRINT

Blue = T-4341

Red = Chart 8272

y = 1,800,000 FT.



46'00"

45'30"

NOM. 1927

ZOP. 1927

56°45'00"

133°45'00" x = 2,670,000 FT.

44'30"

44'00"

Rocky
*(8) * (9)*
Not visible on 61W 9618

INDEX TO ADJOINING SHEETS JOB PH-6206

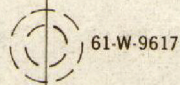
T-12206
1:10,000

134°01'00"	133°55'00"	133°50'00"	133°45'00"	133°38'00"
T-12199	T-12200 Pt Camden	T-12201 T-12205	T-12202 T-12206	56°48'45"



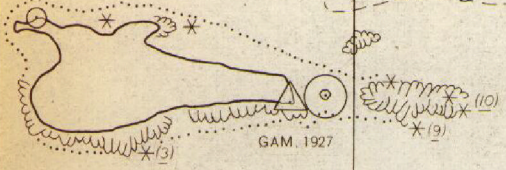
61-W-9377

56°46'00"



61-W-9617

Kelp



GAM, 1927



69-E(C)-965

Foul

Not on B.S;
Located by Field
Edit.

Foul with rock

Grs

Awash MHW

Grs

DIF, 1927

Awash MHW

COMPARISON PRINT

- Blue = T-4341
- Red = Chart 8272
- Purple = H-9259

* Awash MLLW

* (8)

Not visible on
61 W 9618

56°45'00"

30" x=2,675,000 FT. 133°43'00" 42'30" 42'00" x=2,680,000 FT. 41'

NOTE: Unlabeled circles are photogrammetric plot points, not map features

T-12206
1:10,000

Not visible on
Photo 966 or 9617



69-E(C)-1938



61-W9376



COMPARISON PRINT

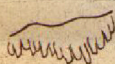
Blue = T-4341
Purple = H-9159




*"The photogrammetric loc
offshore from the mean
may not be complete
reviewed hydrographic su
should be consulted*

T-12206
1:10,000

30" 41'00" 40'30" $\alpha=2,685,000$ FT. 133°40'00" 39"

LEGEND

 Rock ledge

-  Recoverable horizontal control station of third-order or higher accuracy
-  Recoverable horizontal control station of less than third-order accuracy
-  Approximate mean lower low water line
- The heavy shoreline defines the approximate mean high water.
- Compiled by photogrammetric methods, from aerial photographs
- Date of Photography July 1961 Aug. 1969