

12813

12813

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> <u>Shoreline (Photogrammetric)</u>	
<i>Field No.</i>	<i>Office No.</i> <u>T-12813</u>
LOCALITY	
<i>State</i> <u>Alaska</u>	
<i>General locality</i> <u>Keku Strait</u>	
<i>Locality</i> <u>North of the Summit</u>	
<u>1961-69</u>	
CHIEF OF PARTY	
<u>Alfred C. Holmes, Director, AMC</u>	
LIBRARY & ARCHIVES	
<i>DATE</i>	

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

DESCRIPTIVE REPORT - DATA RECORD

T - 12813

OBJECT 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	
INSTRUCTIONS DATED (II) (III): Office Instructions January 18, 1965 Office Supplement III December 19, 1967 Office Supplement IV April 14, 1970 Field Instructions February 11, 1969		
METHOD OF COMPILATION (III): Wild B-8 & Graphic		
MANUSCRIPT SCALE (III): 1:5,000	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:7,500	
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 NEAREST 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): NEAR 1927		
LAT.: 56°42'11.6069" 497.1m	LONG.: 133°43'50.653" 861.9m	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED
PLANE COORDINATES (IV): Y = 1,779,240.87 ft. X = 2,672,768.14 ft.	STATE ALASKA	ZONE 1
(II) MAN 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-12813

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, 1964		
PROJECTION AND GRIDS RULED BY (IV): L. F. Van Scoy		DATE Sept. 19, 1967
PROJECTION AND GRIDS CHECKED BY (IV): R. Glaser		DATE Sept. 20, 1967
CONTROL PLOTTED BY (III): B. L. Barge		DATE Nov. 16, 1967
CONTROL CHECKED BY (III): L. O. Neterer		DATE Nov. 16, 1967
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): W. Heinbaugh		DATE
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY	DATE May 1968
	CONTOURS Not Applicable	DATE
MANUSCRIPT DELINEATED BY (III): C. Blood		DATE July 1968
SCRIBING BY (III): F. P. Margiotta		DATE Jan. 28, 1972
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): C. H. Bishop		DATE July 1968
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

T-12813

CAMERA (KIND OR SOURCE) (III):
Wild RC-8 "W"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
64 W 1166 thru 1169	16 June 1964	10:52 PST	1:15,000	4.2 ft. above MLLW
61 W 9426 and 9427	16 July 1961	0902 PST	1:20,000	0.9 ft. above MLLW

TIDE (III) Predicted

Diurnal

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Ketchikan, Alaska		13.0	15.4
SUBORDINATE STATION: The Summit, Keku Strait		13.2	15.7
SUBORDINATE STATION:			

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

DATE: May 1972

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

1

RECOVERED:

1

IDENTIFIED:

1

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

None

RECOVERED:

None

IDENTIFIED:

None

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

None

REMARKS:

T-12813

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation complete pending field edit	July, 1968	Superseded
Field Edit applied	Dec. 1969	
Final Review	May, 1972	

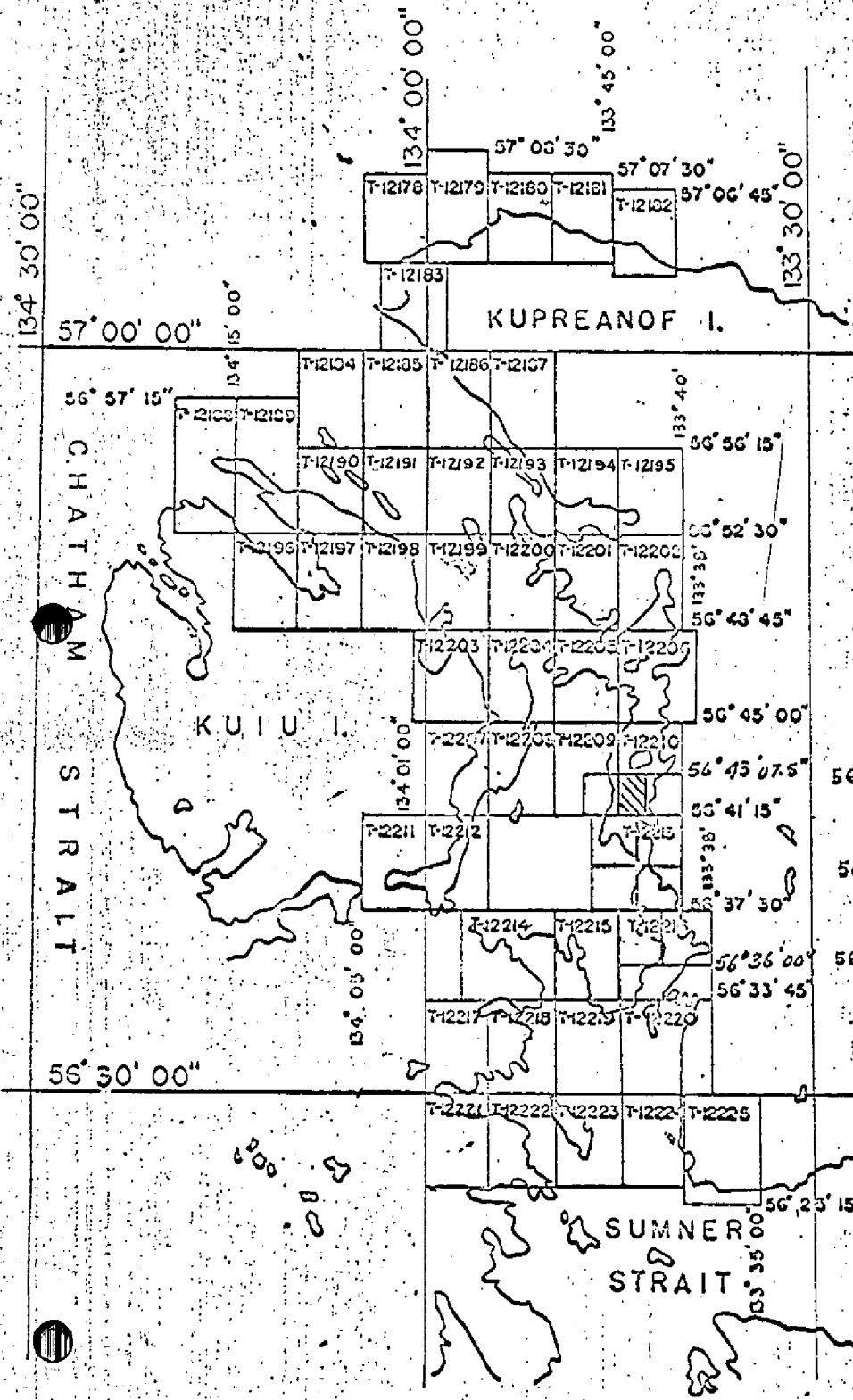
SHORELINE MAPPING PROJECT

8/35

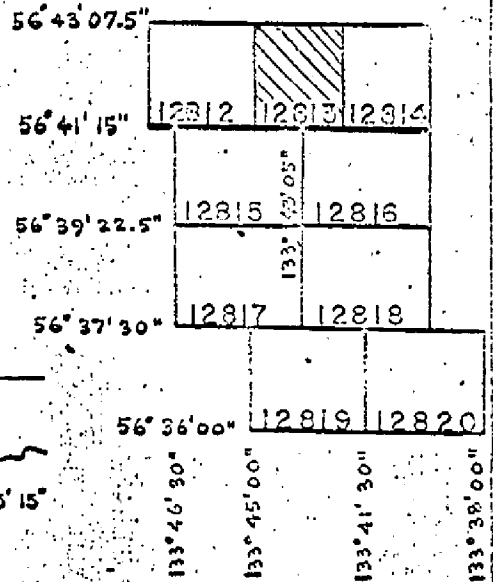
Ph-6206

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-12813

Shoreline survey T-12813 is one of 53 similar surveys in project PH-6206. The primary purpose of the survey was to provide modern shoreline for nautical charts and photo-hydro support data for hydrographic surveys to be made in the same area. This survey, compiled at 1:5,000 scale, covers a part of the upper reaches of Rocky Pass in Keku Strait.

There was no field work prior to compilation with the exception of identification of horizontal control for aerotriangulation. The survey was field edited subsequent to compilation during the 1969 field season.

Compilation was at 1:5,000 scale by Wild B-8 and graphic methods using the panchromatic photography of 1961 and the color photography of 1964. Stable transparent copies of the map manuscript along with ozalids and specially prepared photographs were furnished for transfer of the shoreline to the boat sheet, location of photo-hydro signals and field edit use.

The manuscript was a vinylite sheet 1 minute 52.5 seconds in latitude by 2 minutes 30 seconds 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 May 1972. One cronaflex positive and a negative of the final reviewed survey are forwarded for record and registry.

FIELD INSPECTION REPORT

T-12813

Project PH-6206

There was no field inspection prior to compilation of this manuscript.

AEROTRIANGULATION REPORT
Keku Straits, Alaska
Job PH-6206

21. Area Covered

This report pertains to that portion of Keku Straits between 56° 33' 45" and 56° 45' 00".

22. Method

Two strips of photography were bridged using stereoplani-graph and emulsion-drilled diapositives. Measurements made by the stereoscopic instruments were adjusted using 1620 IBM programs.

23. Adequacy of Control

Number and location of field-identified horizontal control stations were adequate to control the bridges with sufficient accuracy to comply with National Standards of Map Accuracy. Station LO 1927 did not hold in the adjustment but closer investigation revealed that an apparent transposition of distances to the substitute stations had occurred. After re-computing the positions all control held satisfactorily.

24. Supplemental Data

U.S.G.S. quadrangles, Petersburg (C-5 and C-6), Alaska, scale 1:63,360, 1948 edition, were used to determine elevations to provide vertical control where required.

25. Photography

Photography was adequate for coverage, definition and endlap.

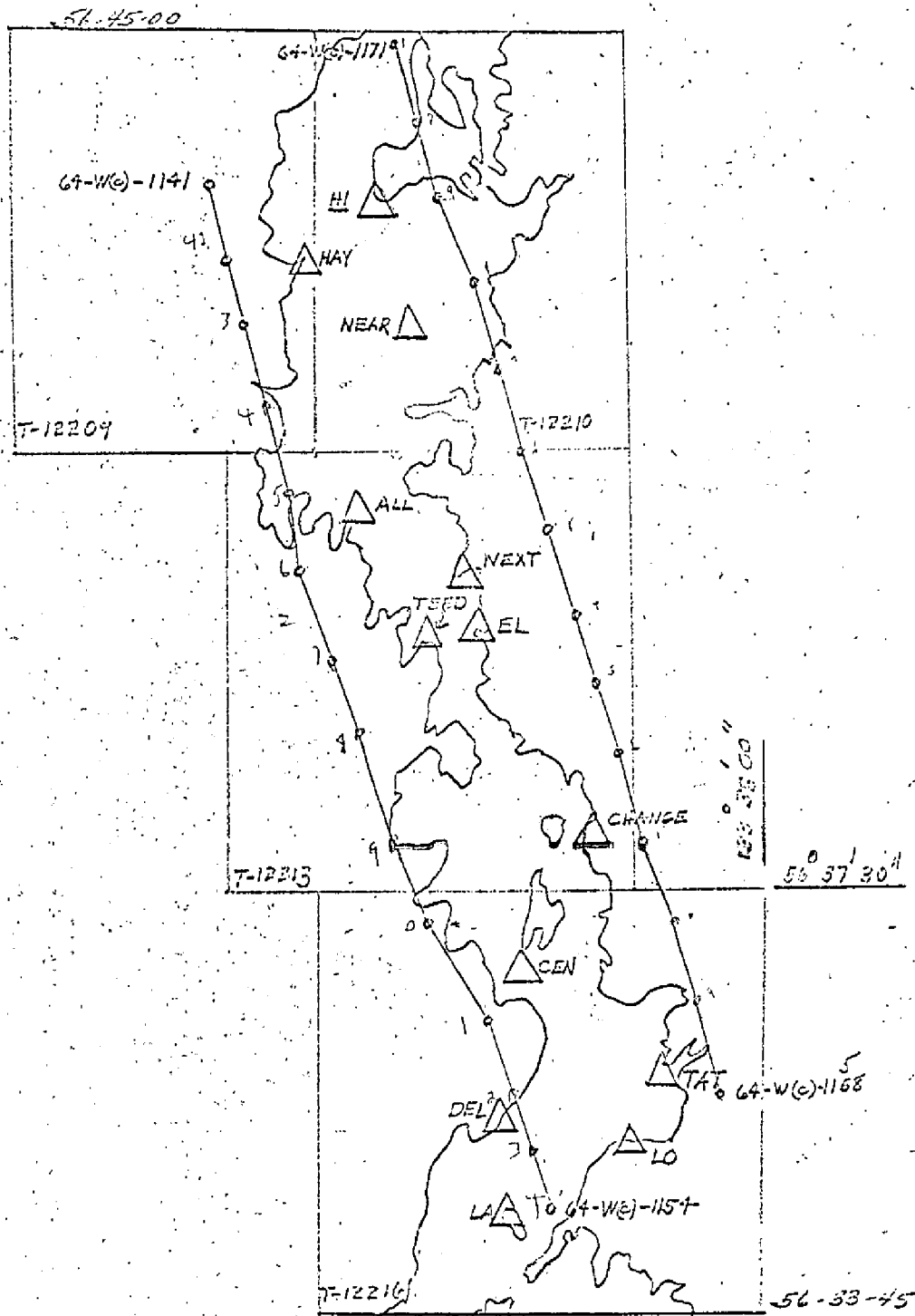
Respectfully submitted:

William Heinbaugh
W. Heinbaugh

Approved by:

John D. Perron Jr.

KEKU STRAITS, ALASKA PH - 6206



DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 12813 PROJECT NO. PH-6206 SCALE OF MAP 1:5,000 SCALE FACTOR NONE

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 meters) FORWARD (BACK)
NEAR, 1927	G.P. Vol.2 P.359	NA 1927	56042'16.069" 133043'50.653"	(1358.9) (159.0)

COMPUTED BY
B. I. Barge

DATE
11-29-67

CHECKED BY
CHB

DATE
7-26-68

COMPILATION REPORT

T-12813

31. DELINEATION:

The Wild B-8 was used for delineation of details from the 1964 color photography.

32. CONTROL:

See "AEROTRIANGULATION REPORT," (not dated) submitted with the Descriptive Report for this manuscript.

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:

Shoreline and alongshore details were compiled from office interpretation of the photographs using the Wild B-8 and the 1964 color photography.

The mean lower low water line was compiled graphically from the 1961 panchromatic photography.

36. OFFSHORE DETAILS:

Offshore details were delineated from office interpretation of the photographs.

37. LANDMARKS AND AIDS:

Five fixed aids to navigation were mapped, using positions furnished by the field editor. Copies of Form 567 have been submitted to the appropriate agencies.

38. CONTROL FOR FUTURE SURVEYS:

None

39. JUNCTIONS:

Satisfactory junctions were made with T-12210 (scale 1:10,000) to the north, T-12814 (scale 1:5,000) and T-12210 (scale 1:10,000) to the east, T-12815 and T-12816 (scale 1:5,000) and T-12213 (scale 1:10,000) to the south, and T-12812 (scale 1:5,000) and T-12209 (scale 1:10,000) to the west.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with USGS Quadrangle PETERSBURG (C-6), ALASKA, Scale 1:63,360, dated 1948.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 8272, Scale 1:20,000, 2nd Edition, dated November 14, 1960, Revised March 18, 1963.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None

ITEMS TO BE CARRIED FORWARD:

None

Submitted:

Charles E. Blood
Charles E. Blood
Cartographic Technician
July, 1968

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

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6206 (Keku Strait, Alaska)

T-12813

Keku Strait

Kupreanof Ilnad

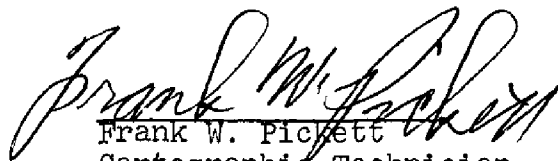
Rocky Pass

Approved by:



A. Joseph Wraight
Chief Geographer

Prepared by:



Frank W. Pickett
Cartographic Technician

FORM C&GS-1002 (9-66)		U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW			
T- 12813			
1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
CHB	CHB	CHB	CHB
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations)		7. PHOTO HYDRO STATIONS
CHB	X		X
8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
X	X	Bridge - W.O.	CHB
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
CHB	CHB	CHB	X
16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
CHB	X	CHB	X
PHYSICAL FEATURES			
20. WATER FEATURES		21. NATURAL GROUND COVER	22. PLANETABLE CONTOURS
CHB		X	X
23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
X	X	X	
CULTURAL FEATURES			
27. ROADS	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
X	X	X	X
BOUNDARIES			
31. BOUNDARY LINES		32. PUBLIC LAND LINES	
X		X	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES		34. JUNCTIONS	35. LEGIBILITY OF THE MANUSCRIPT
CHB		CHB	CHB
36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
CHB	CHB	X	CHB
40. REVIEWER		SUPERVISOR, REVIEW SECTION OR UNIT	
C. H. Bishop 7-31-68		A. 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		SUPERVISOR	
C. H. Bishop 12-8-69			
43. REMARKS			
Field edit applied from: Field Edit Ozalid, Film ozalid, Field Photos 64 W 1144, 1145, 1166 through 1169.			

FIELD EDIT REPORTS

Keku Strait
Southeast Alaska
OPR-448

MAPS

T-12812
T-12813
T-12814
T-12815
T-12816
T-12817
T-12818
T-12819
T-12820

June-August 1969

FIELD EDIT REPORTS

Keku Strait
 Southeast Alaska
 OPR-448

June-August 1969

INTRODUCTION

Field edit reports are attached for the following maps:

T-12812	T-12817
T-12813	T-12818
T-12814	T-12819
T-12815	T-12820
T-12816	

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-5-2-69
 DA-5-3-69
 DA-5-4-69
 DA-5-5-69

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

Notes have been made in violet 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.

Generally compilation of the maps is good. It is recommended that the maps be revised in accordance with the notes on the photographs and that the maps, with the exceptions of T-12813, T-12815, and T-12818, be accepted as advance manuscripts. Maps T-12813, T-12815, and T-12818 should be compiled using the recent photographs. It is recommended that the compiler obtain copies of the above boat sheets and use them in compiling the advance manuscripts.

Field inspection of these maps is complete except for map T-12820.

Copies of "Nonfloating Aids or Landmarks for Charts", form C&GS 567, are attached.

FIELD EDIT REPORT
MAP T-12813

Keku Strait
Southeast Alaska
OPR-448
June 1969

Field edit of map T-12813 was done by LT(jg) Bruce Fisher during June 1969. Inspection was done on foot and in a 12-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 boat sheets DA-5-2-69 & DA-5-3-69 and then transferred to the T-sheet and ozalid for comparison.

Notes have been made in violet on the field photographs and have been cross-referenced on the "Field Edit Ozalid" by photograph number. All times are based on 105° West meridian. Notes are on the following photographs:

64W1143	64W1169
64W1144	64W1168
64W1145	64W1167
	64W1166

ADEQUACY OF COMPILATION

Field edit and photo identification were difficult on this map because there is no side lap of photographs. As a result three-ray radial plots could not always be obtained. Most of the map area is on the edges of the photographs and some areas are not shown on the photographs.

Hydrographic location of isolated boulders compares fairly well with the photogrammetric location of the same boulders except in the north east corner of the map. In this corner their hydrographic locations vary from five to ten meters in random directions from their locations on the map. Several of the photohydro signals were moved two to five meters in random directions when located hydrographically.

Field inspection of the map is complete for the areas in which photographs were furnished.

MAP T-12813

RECOMMENDATIONS

This map is a prime example of inadequate photo support causing a loss of time and a great deal of extra effort in the field. The hydrographer was never sure of the manuscript and, as a result, the photographs offered few benefits since all photo hydro signals and most rocks had to be located hydrographically. With adequate photo support the hydrographer would have had more confidence in photo hydro signals and would have had a starting point for resolving control problems.

It is recommended that this map be recompiled using the recent photographs before accepting it as an advance manuscript.

ATTACHMENTS

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

Respectfully submitted

Bruce W. Fisher

Bruce W. Fisher
LTJG USESSA

APPROVAL SHEET
for
FIELD EDIT
Keku Strait
Southeast Alaska
OPR-448
June-August 1969

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

T-12812	T-12817
T-12813	T-12818
T-12814	T-12819
T-12815	T-12820
T-12816	

Frequent inspections of the field edit work and of plotted comparisons on the boat sheets were made.

Ray E. Moses

Ray E. Moses
CDR, USESSA
Commanding Officer
USC&GSS DAVIDSON

NONFLOATING AIDS-OR-LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE REVISED
TO BE DELETED
STRIKE OUT TWO

Keku Strait, Southeast Alaska August 19 69

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by Glenn H. Endrud, LTJG USESSA

Ray E. Moses
CDR Ray E. Moses Chief of Party

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	MAJOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
			LATITUDE *		LONGITUDE *								DATUM
			° ' "	D.P. METERS	° ' "	D.P. METERS							
R #40"	Daybeacon #40 (red)	220	56 43	16.5 510.0	133 44	25.1 428.9	N.A. 1927 DA-5-2-69	X			8272		
W "39"	Daybeacon #39 (white)	213	56 42	41.1 1271.7	133 44	02.6 43.8	N.A. 1927 DA-5-2-69	X			8272		
R "38"	Daybeacon #38 (red)	212	56 42	16.1 499.2	133 43	50.4 858.3	N.A. 1927 DA-5-2-69	X			8272		
R "36"	Daybeacon #36 (red)	314	56 41	39.8 1230.5	133 43	53.9 918.0	N.A. 1927 DA-5-3-69	X			8272		
R "34"	Daybeacon #34 (red)	315	56 41	30.5 943.2	133 44	33.2 55.2	N.A. 1927 DA-5-3-69	X			8272		
R "32"	Daybeacon #32 (red)	316	56 41	17.7 548.8	133 43	59.7 1015.6	N.A. 1927 DA-5-3-69	X			8272		
<p>The position of each aid listed on this form is in agreement with the corresponding position on Map Manuscript T-12813. As there are no other fixed aids or landmarks in this area, this form was not duplicated by the Photogrammetric Branch, Atlantic Marine Center.</p>													
<p><i>Allen L. Powell</i> Allen L. Powell Director, AMC</p>													

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

REVIEW REPORT T-12813

SHORELINE

MAY 31, 1972

61. GENERAL STATEMENT

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

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Comparison was made with a copy of registered Survey No. 4341. This is a 1:10,000 scale survey made in September-October 1927. The shoreline of this survey is identical with that of Chart 8272 and any difference between that chart and T-12813, noted on the comparison print, will also exist between registered survey No. 4341 and T-12813.

Survey No. 4341 is now obsolete and is superseded by T-12813 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with USGS PETERSBURG (C-6), ALASKA, 1:63,360 scale quadrangle, dated 1948. The two surveys are in good general agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

Comparison was made with copies of machine plotted boat sheets H-9078 (DA 5-2-69) and H-9079 (DA 5-3-69). The shoreline of these surveys is in good agreement with that of T-12813. The mean lower low water line of the surveys is not in complete agreement, however; this line has been retained on T-12813 and noted as approximate for any value it may be to the nautical chart compiler.

The three surveys contain rocks which were verified by neither the field editor or the hydrographer. All differences between the rocks on the hydrographic surveys and T-12813 have been noted on the comparison print in purple.

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 8272, 4th edition, November 21, 1970. All differences between the chart and this survey have been noted on the comparison print in red.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This survey complies with instructions and is adequate for nautical chart construction purposes.

Special attention is called to the fixed aids to navigation within the limits of this survey. These aids were plotted on T-12813 using the positions listed on form 567 which is page 20 of this report.

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:

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

Approved:

Chief, Photogrammetric Branch Chief, Coastal Mapping Division

821-T

133°45'00"

44'45"

x=2,670,000 FT.

44'30"

56°43'07.5"

y=1,784,000 FT.

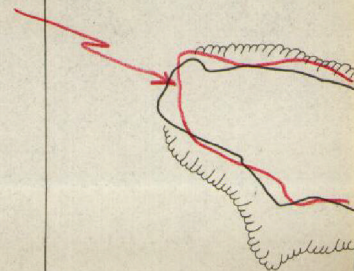
43'00"

42'45"

y=1,782,000 FT.



*Shoreline from
Chart 8212*



*T-12813
1:5,000*

44' 15" x=2,672,000 FT.

133° 44' 00"

43' 45"

133° 43' 30"

x=2,674,000 FT.

Red - from Chart 8272
Purple - from Boat sheet H-9078

56° 43' 00"

K
E
K
U

Not visible on photographs

56° 42' 45"

Mud

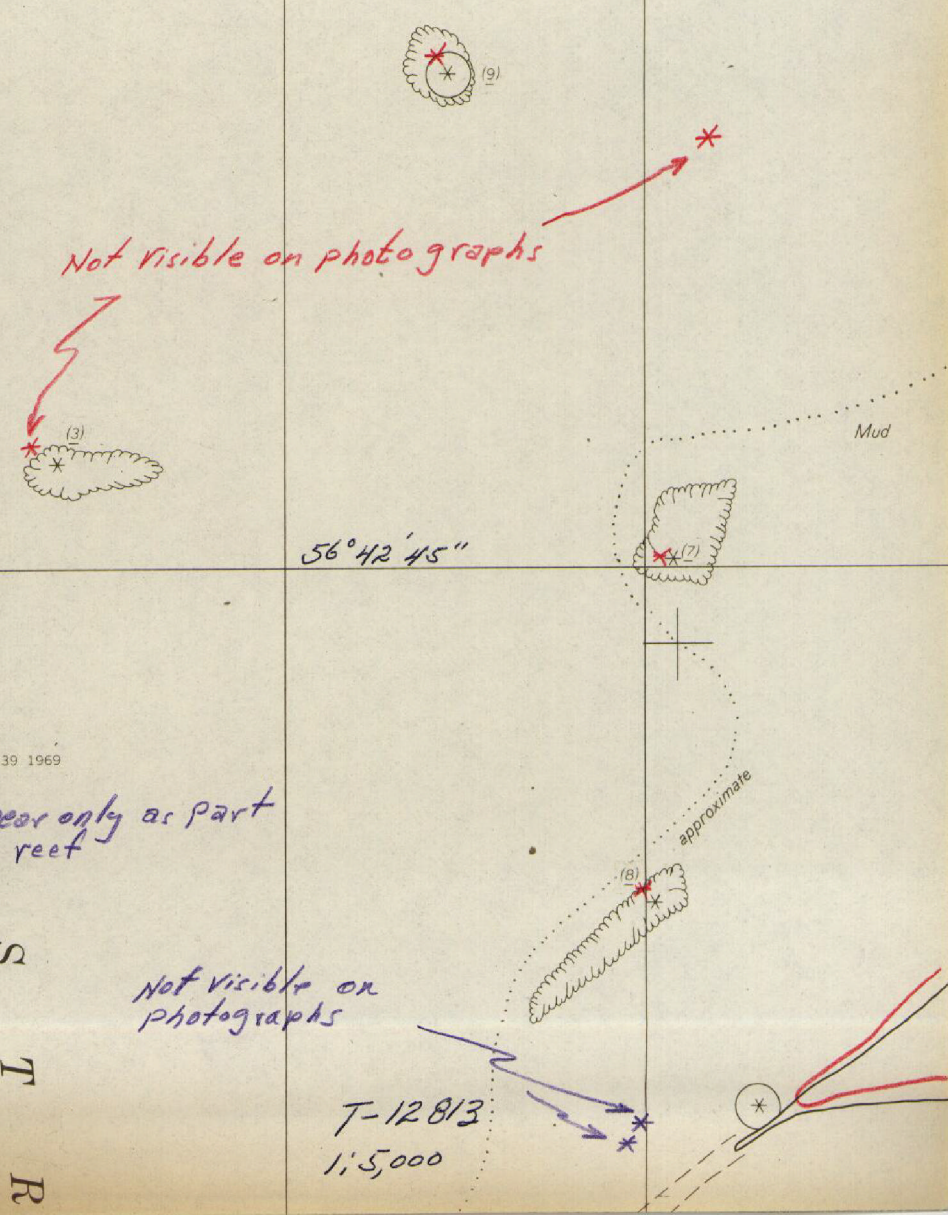
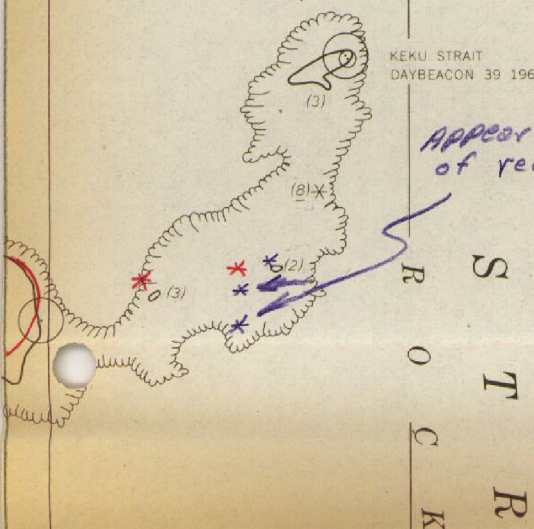
KEKU STRAIT
DAYBEACON 39 1969

Appear only as part
of reef

Not visible on
photographs

T-12813
1:5,000

approximate



43'15"

43'00"

x=2,676,000 FT. 42'45"

133°42'30"

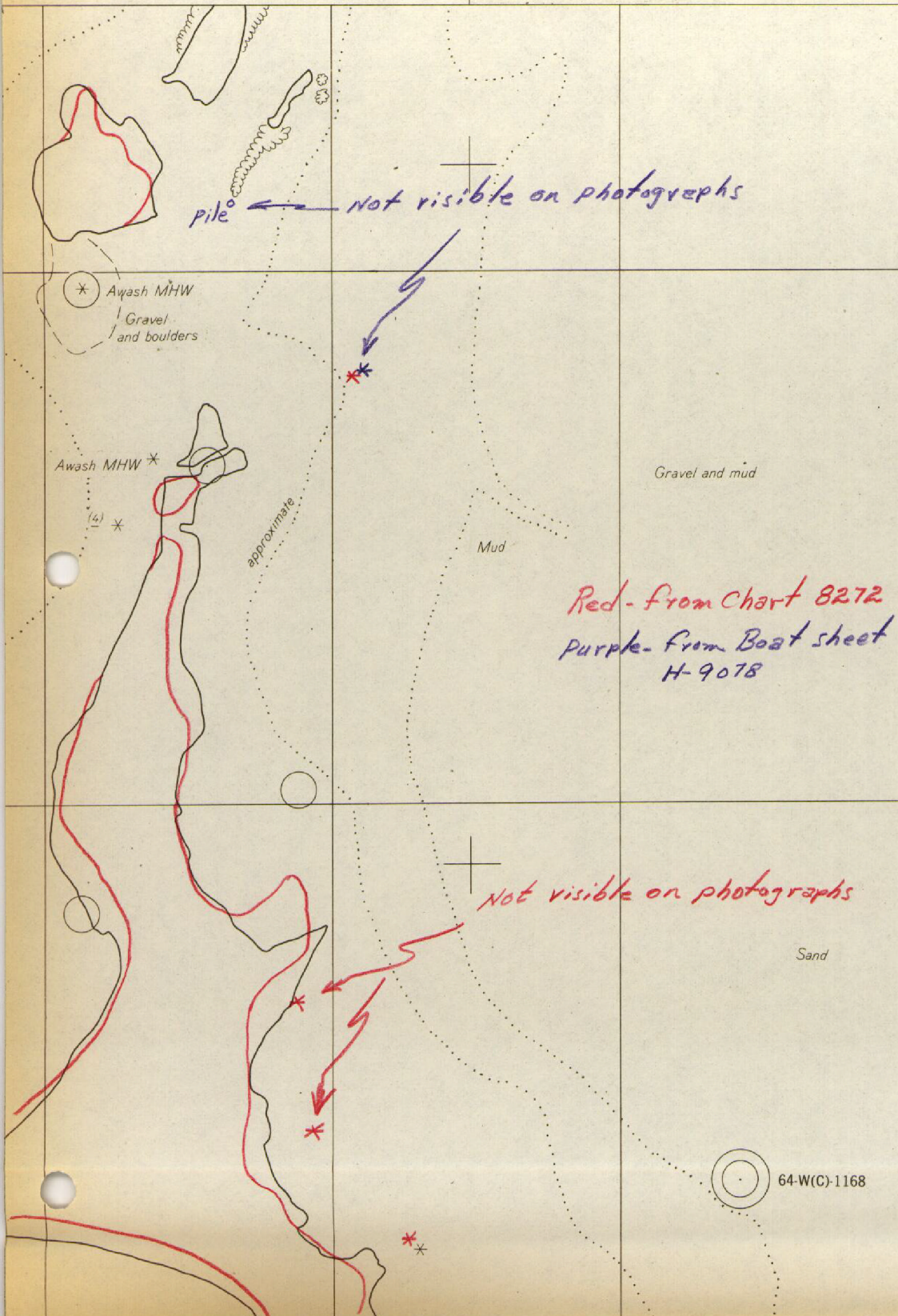
56°43'07.5"

y=1,784,000 FT.

43'00"

42'45"

y=1,782,000 FT.



pile ← *not visible on photographs*

not visible on photographs

not visible on photographs

*Red - from Chart 8272
Purple - from Boat sheet
H-9078*

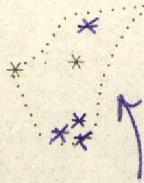
64-W(C)-1168

T-12813
1:5000

Red-From chart 8272

Note: None of the rocks shown in red are visible on photographs

y=1,780,000 FT.



only 2 rocks visible on photos this area

Purple-From Boat sheets H-9078 & H-9079

133° 44"

56° 42'15"

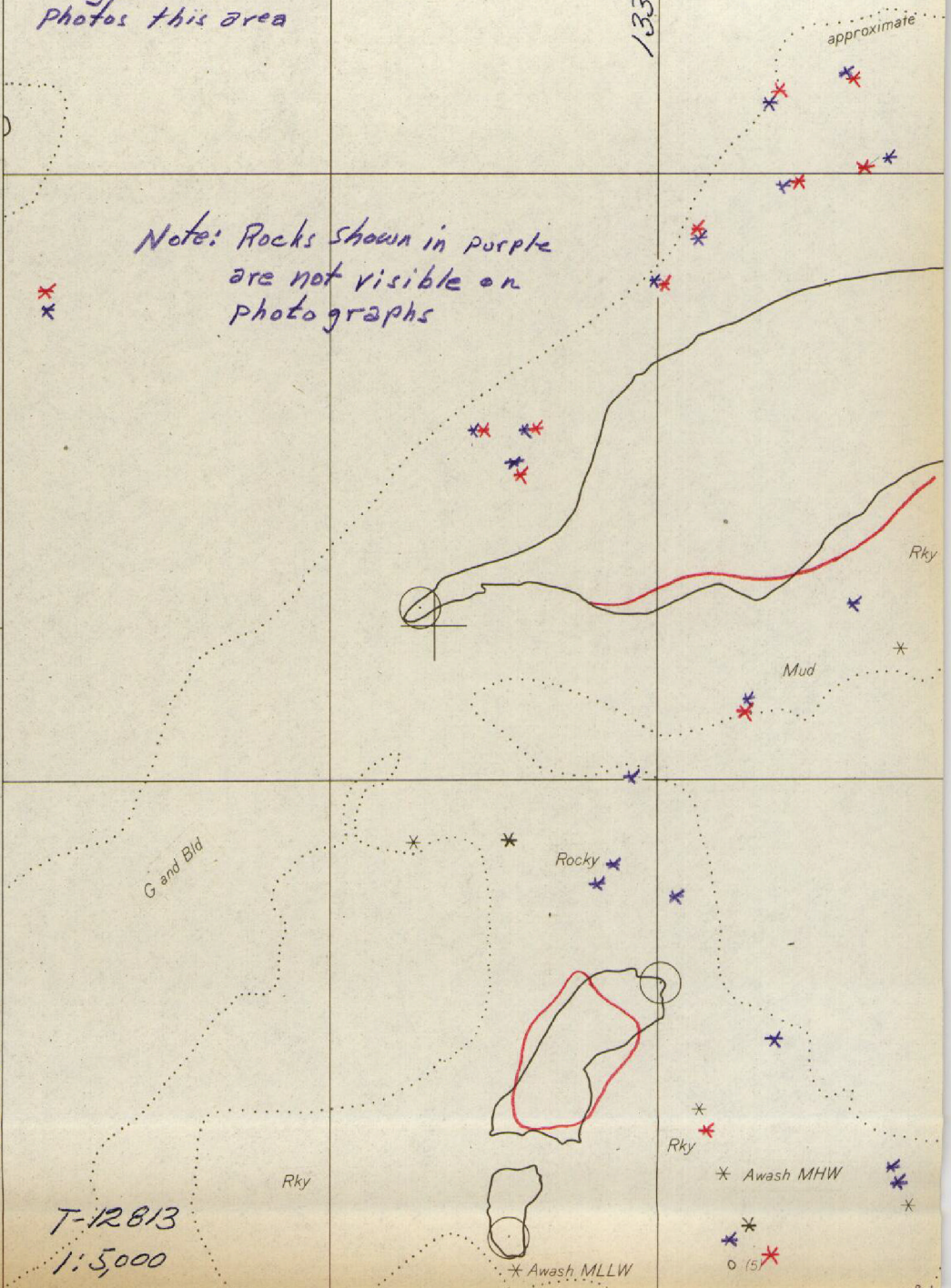
Note: Rocks shown in purple are not visible on photographs

y=1,778,000 FT.

56° 42'00"

133° 45'00"

T-12813
1:5,000



Y
A
P
A
S
S

133° 44' 00"

133° 43' 30"

56° 42' 15"

"The photogrammetry
offshore from the
may not be complete
reviewed hydrographic
should be considered

KEKU STRAIT
DAYBEACON 38 1969

NEAR 1927

Awash MHW

Awash MHW

Awash MHW
Awash MHW

Red - from chart 8272
Rocks shown in red are
not visible on photos

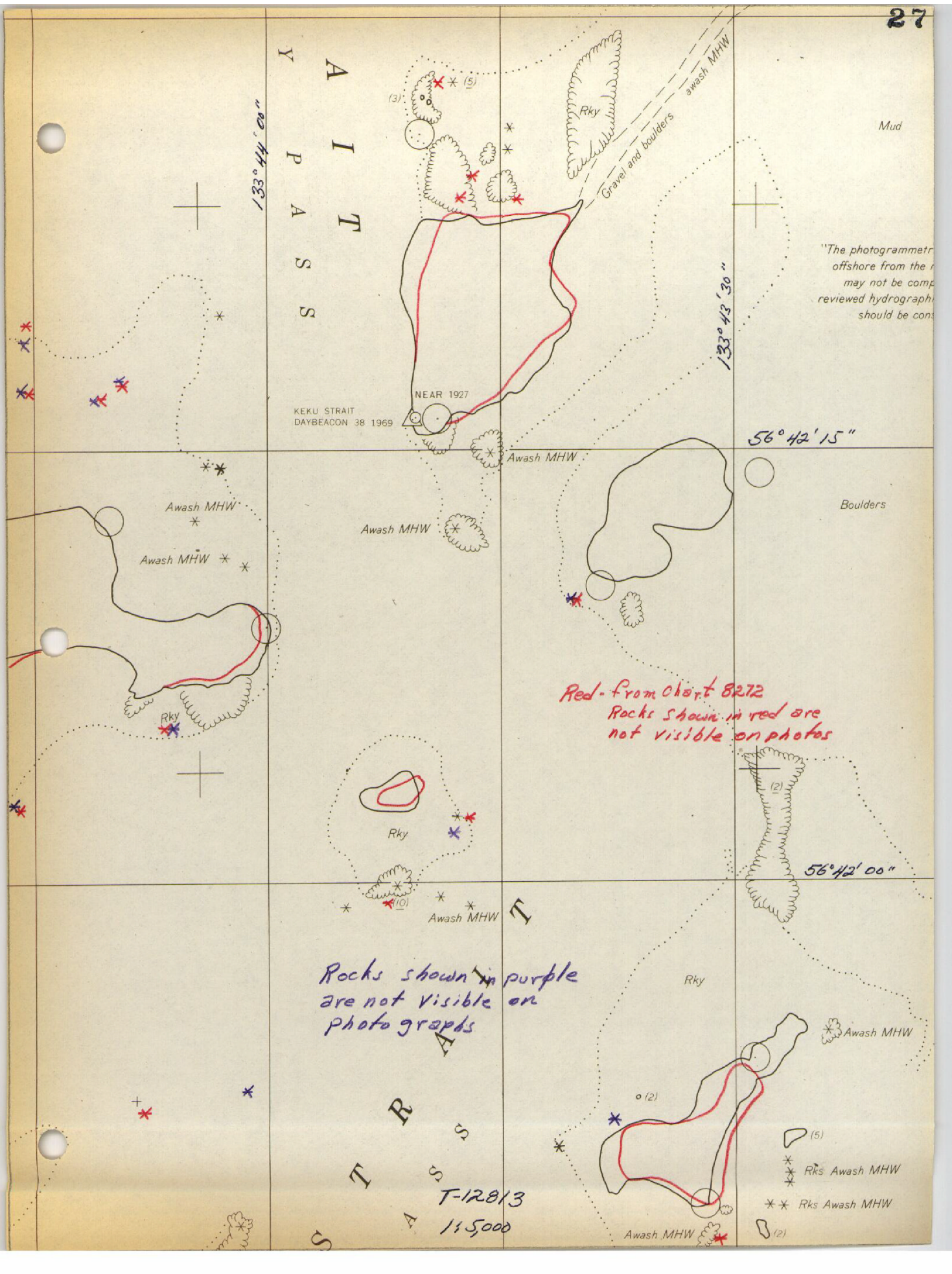
Rocks shown in purple
are not visible on
photographs

S
T
R
A
S
S

T-12813
1:5000

(5)
Rks Awash MHW
Rks Awash MHW

Awash MHW (2)



42'30"

y=1,780,000 FT.

56° 42'15"

133° 42'30"

y=1,778,000 FT.

58° 42'00"

T-12813

1:5,000

Shoreline from Chart 8272

Red-From Chart 8272

Not visible on photographs

Not visible on photographs

Purple-From Boat sheets H-9078 & 9079

Not visible on photographs

Not visible on photographs

NOTE:

For location and delineation of features near high-water line on this survey, use the most complete or final. The contemporary survey of the area where available, should be used for the final delineation.

Grass and mud

Mud

Mud

Awash MHW

* Awash MHW

(10) *
* (10)
* (10)
* (10)

* (10)

(3)

(3)

(3)

(3)

(3)

(3)

(3)

(3)

(3)

(3)

(3)

(3)

133° 43' 00"

approximate

41'45"
y=1,776,000 FT.

Red- from Chart 8272
Rocks in red not visible
on photos

Purple- from Boat sheet
H-9079
Rocks in purple are
not visible on photographs

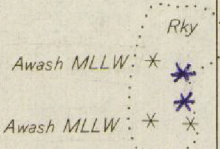
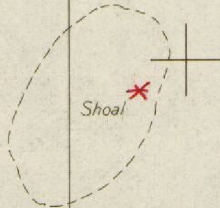
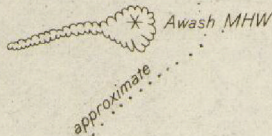
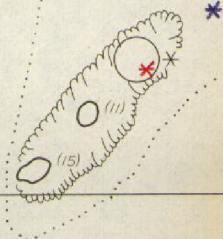
y=1,774,000 FT.

56°41'15"

133°45'00"

44'45"

x=2,670,000 FT. 44'30"



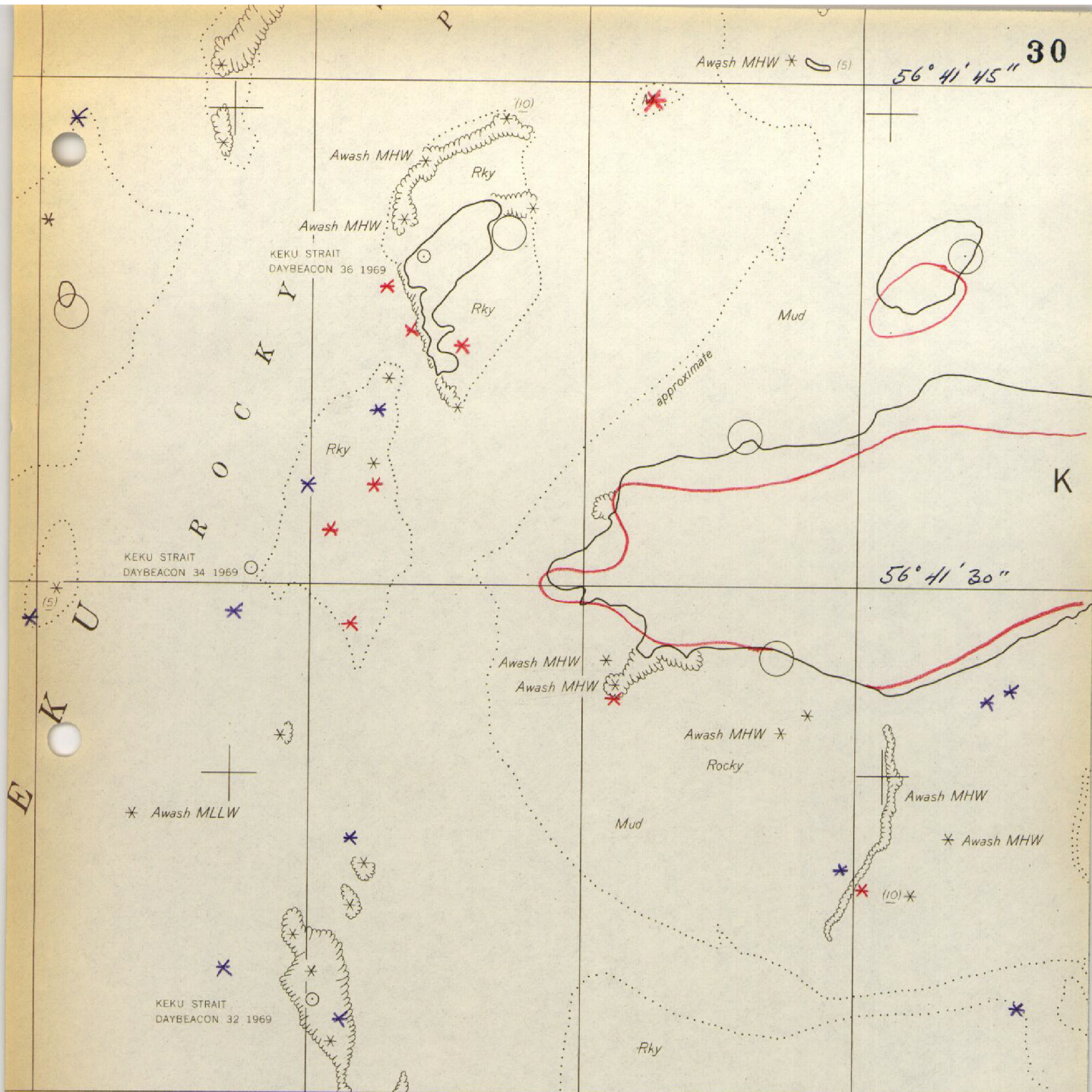
INDEX TO ADJOINING SHEETS JOB PH-6206

NOTE: Unlabeled
plot points, not r

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"
T-12203	T-12204	T-12209	T-12210	40'00" 56°45'00"
T-12207				56°43'07.5"
		133°47'30"	42'30"	

T-12813

1:5,000



44'15" x=2,672,000 FT. 133° 44'00" 43'45" 133° 43'30" x=2,674,000 FT.

*Red - from chart 8272
Rocks shown in red
are not visible on
photos*

*Rocks shown in purple
from H-9079 and are not
visible on photographs*

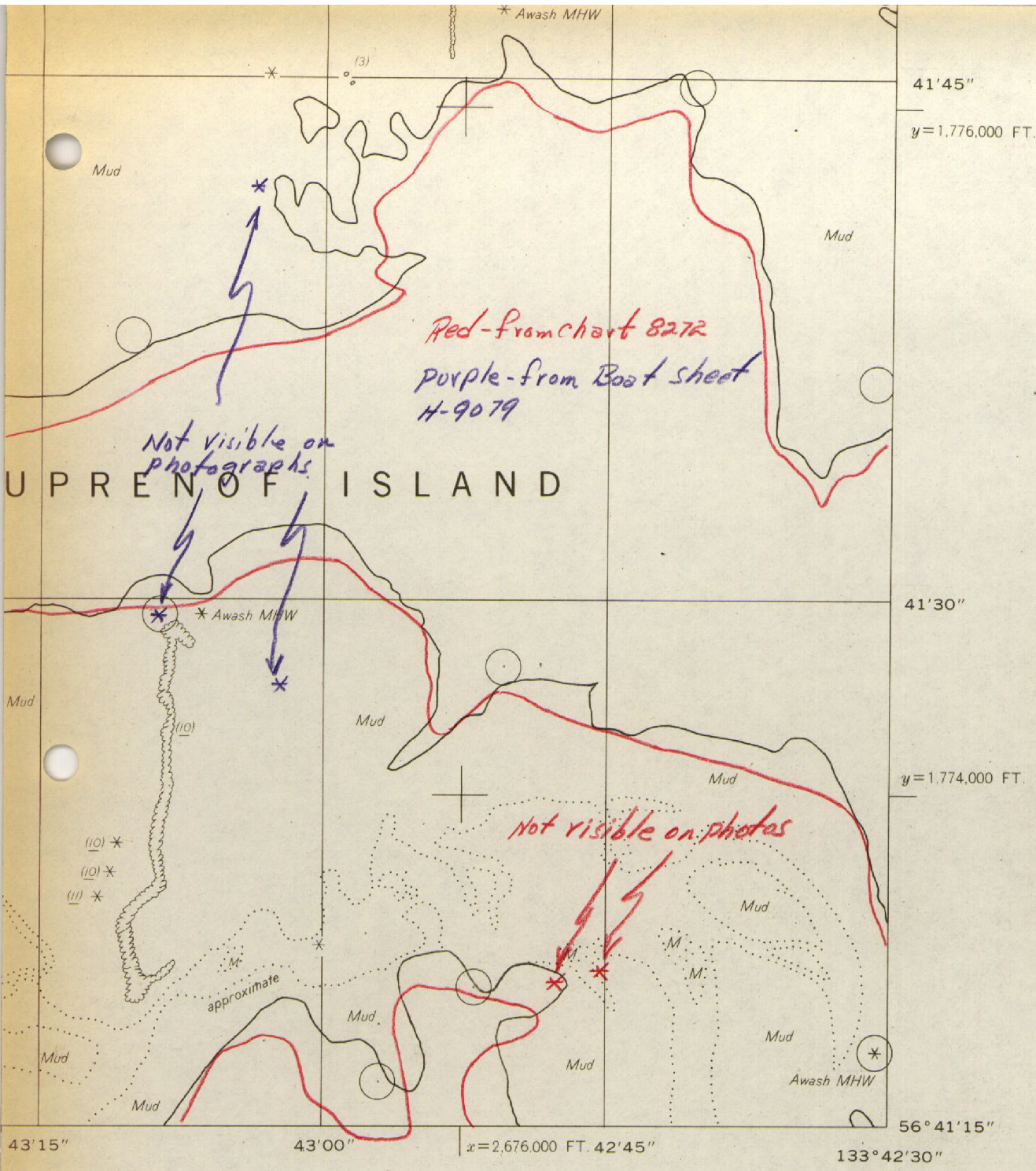
LEGEND

Rock ledge

- △ Recoverable horizontal control station of the
- Recoverable horizontal control station of the
- Approximate mean lower low-water line
- The heavy shoreline defines the approximate
- Compiled by photogrammetric methods, from
- Date of Photography July 1961 and
- Date of Field Inspection None
- Date of Compilation May 1968
- Date of Field Edit June 1969
- Date of Final Review May 1972

T-12813
1:5,000

circles are photogrammetric
map features



Third-order or higher accuracy
 Less than third-order accuracy
 Mean high water.
 From aerial photographs
 Dated June 1964

NATIONAL OCEAN SURVEY
 SHORELINE MANUSCRIPT
 T-12813
 ALASKA
 KEKU STRAIT
 NORTH OF THE SUMMIT

SCALE 1:5,000
 (1 inch = 416.66 ft.)
 CONTROL DATA
 Polyconic projection: 1927 North American Datum
 2,000 foot grid based on Alaska (Zone 1) plane coordinate system
 Datum plane: Mean High Water

T-158