

12815

12815

<p>Form 504</p> <p>U. S. DEPARTMENT OF COMMERCE</p> <p>COAST AND GEODETIC SURVEY</p> <p>DESCRIPTIVE REPORT</p>	
<p>Type of Survey <u>Shoreline (Photogrammetric)</u></p>	
<p>Field No.</p>	<p>Office No. <u>T-12815</u></p>
<p>LOCALITY</p>	
<p>State <u>Alaska</u></p>	
<p>General locality <u>Keku Strait</u></p>	
<p>Locality <u>Summit Island</u></p>	
<p><u>1961-1969</u></p>	
<p>CHIEF OF PARTY</p>	
<p><u>Alfred C. Holmes, Director, A.M.C.</u></p>	
<p>LIBRARY & ARCHIVES</p>	
<p>DATE</p>	

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

DESCRIPTIVE REPORT - DATA RECORD

T - 12815

PROJECT NO. (II): PH-6206										
FIELD OFFICE (III): None	CHIEF OF PARTY									
PHOTOGRAMMETRIC OFFICE (III): Atlantic Marine Center, Norfolk, Va.	OFFICER-IN-CHARGE Alfred C. Holmes, DIRECTOR									
INSTRUCTIONS DATED (II) (III): <table style="width:100%; border:none;"> <tr> <td style="width:50%;">OFFICE INSTRUCTIONS</td> <td style="width:50%;">January 18, 1965</td> </tr> <tr> <td> " SUPPLEMENT III</td> <td>December 19, 1967</td> </tr> <tr> <td> " " IV</td> <td>April 14, 1970</td> </tr> <tr> <td>FIELD INSTRUCTIONS</td> <td>February 11, 1969</td> </tr> </table>			OFFICE INSTRUCTIONS	January 18, 1965	" SUPPLEMENT III	December 19, 1967	" " IV	April 14, 1970	FIELD INSTRUCTIONS	February 11, 1969
OFFICE INSTRUCTIONS	January 18, 1965									
" SUPPLEMENT III	December 19, 1967									
" " IV	April 14, 1970									
FIELD INSTRUCTIONS	February 11, 1969									
METHOD OF COMPILATION (III): Wild B - 8 and Graphic										
MANUSCRIPT SCALE (III): 1:5,000	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:7,500 Pantographed to 1:5,000									
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): TEED 1927'										
LAT.: 56° 39' 31.964" (988.7m)	LONG.: 133° 43' 12.974" (221.0m)	<input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED								
PLANE COORDINATES (IV): y = 1,762,586.72 ft. x = 2,674,858.45 ft.	STATE: ALASKA	ZONE: 1								
<small> 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. </small>										

DESCRIPTIVE REPORT - DATA RECORD

T-12815

FIELD INSPECTION BY (II):		DATE:
None		
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION):		
Air Photo Compilation Date of Photography: June 16, 1964		
PROJECTION AND GRIDS RULED BY (IV):		DATE
L.F. Van Scoy		Sept. 20, 1967
PROJECTION AND GRIDS CHECKED BY (IV):		DATE
R. Glaser		Sept. 21, 1967
CONTROL PLOTTED BY (III):		DATE
L.O. Neterera		Nov. 15, 1967
CONTROL CHECKED BY (III):		DATE
B.L. Barge		Nov. 15, 1967
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):		DATE
W. Heinbaugh W.S.C.		Not Known
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY	DATE
	R.J. Minton	May 15, 1968
	CONTOURS	DATE
	Not Applicable	
MANUSCRIPT DELINEATED BY (III):		DATE
R.J. Minton		June 25, 1968
SCRIBING BY (III):		DATE
F.P. Margiotta		Feb. 3, 1972
PHOTOGRAMMETRIC OFFICE REVIEW BY (III):		DATE
L.L. Graves		6/26/68
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

T-12815

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

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
64-W(c)-1145thru1147	16 June 1964	10:44	1:15,000	5.2 FT. above MLLW
61 W 9428	16 July 1961	09:02	1:20,000	1.1 FT. above MLLW

Predicted

TIDE (III)

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):	DATE:
PROOF EDIT BY (IV):	DATE:
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 2	RECOVERED: 2 IDENTIFIED: 2
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:

COMPILATION RECORD

COMPLETION DATE

REMARKS

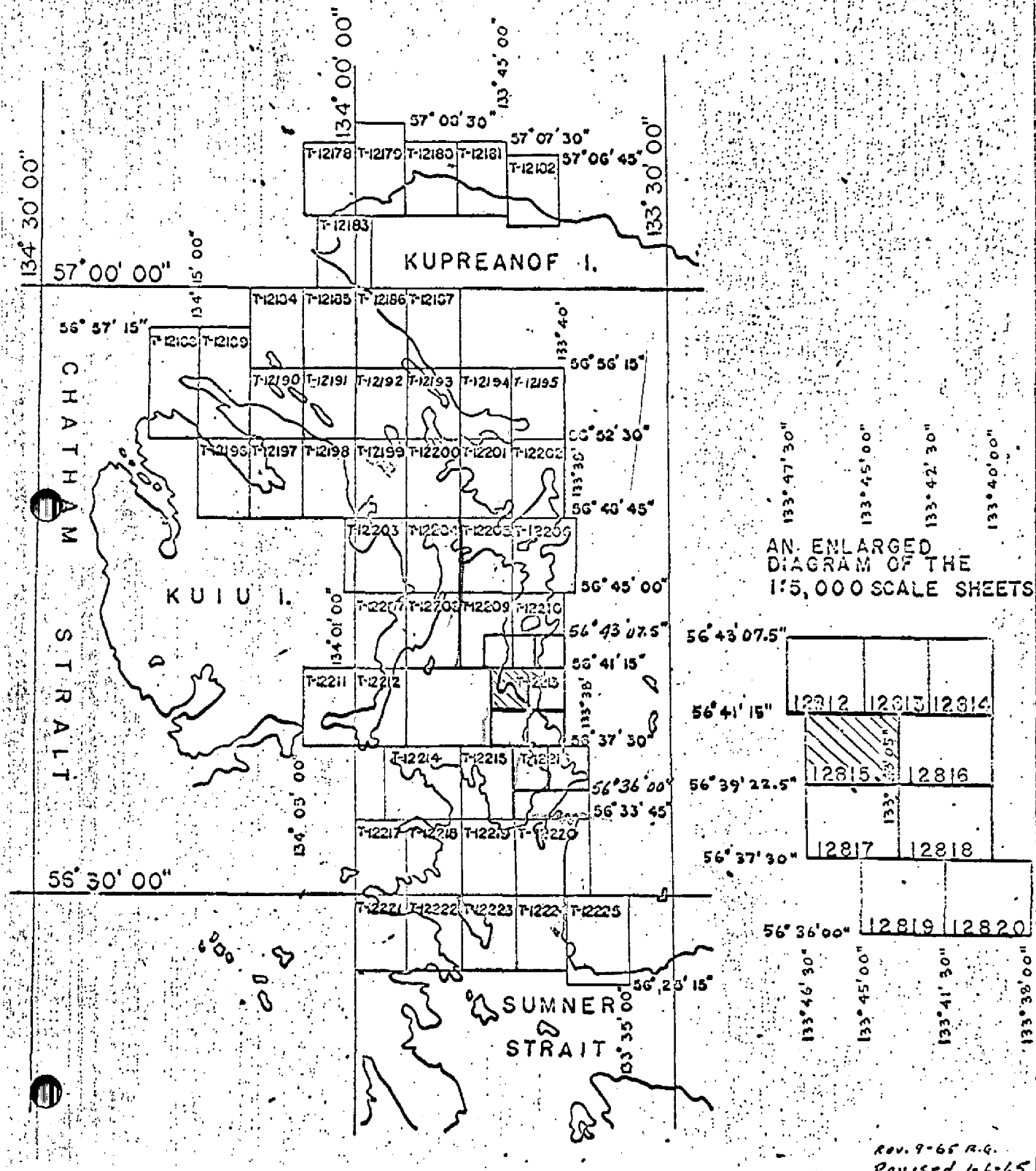
Compilation Complete Pending field edit	June 25, 1968	Superseded
Field edit applied;	Dec. 12, 1969	
Final Review	Aug. 1972	

SHORELINE MAPPING PROJECT

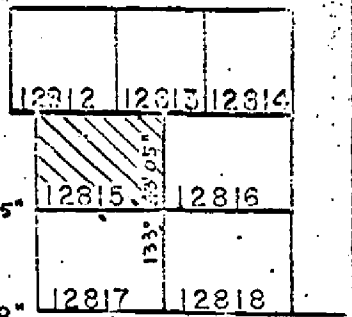
Ph-6206

KEKU STRAITS, ALASKA

SCALE 1:10,000



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



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

A.R.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT T-12815

This 1:5,000 scale shoreline manuscript is one of 53 maps that comprise Project PH-6206, Keku Strait, Alaska. The project diagram on page 5 indicates the location of T-12815 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 1964. Control was based on a stereoplanigraph 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 1969. 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 August 1972.

The compilation manuscript was a vinylite sheet 1 minute 52.5 seconds in latitude by 3 minutes 25 seconds in longitude.

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

FIELD INSPECTION REPORT

Project PH-6206

T-12815

There was no field inspection prior to compilation.

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.

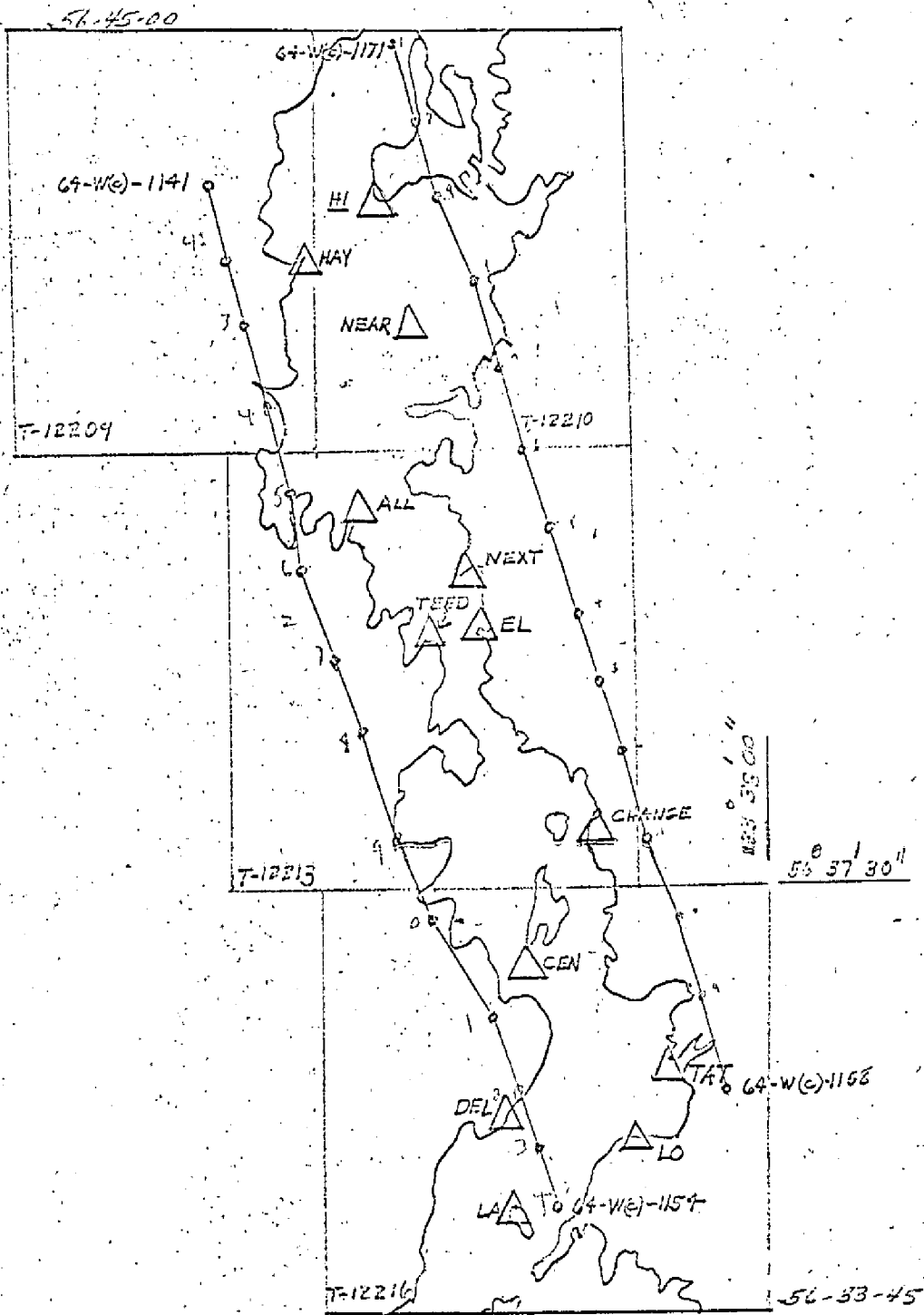
Respectfully submitted:

W. Heinbaugh
W. Heinbaugh

Approved by:

John D. Perrewer Jr.

KEKU STRAITS, ALASKA PH - 6206



COMPILATION REPORT

T-12815

31. DELINEATION

The Wild B-8 was used. The hiatus between the two bridging strips of 1964 W color photography was compiled from 1961 Panchromatic photographs. By using pass points common to the different sets of photography the small area was compiled graphically.

32. CONTROL

See AEROTRIANGULATION REPORT, not dated.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage was delineated from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAIL

The mean high water line was delineated from office interpretation of the 1964 color photography. The approximate mean lower low water line was compiled graphically using photographs taken in 1961 at a predicted tide stage of 0.9 feet above mean lower low water.

36. OFFSHORE DETAILS

Offshore details were delineated from office interpretation of the photographs.

37. LANDMARKS AND AIDS

Copies of Form 567 have been forwarded.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

A satisfactory junction was made with T-12812 and T-12813 to the north; T-12816 to the east and T-12817 to the south. There is no contemporary survey 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), scale 1:63,360, dated 1948.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with chart 8272, Keku Strait, Scale 1:20,000, inset 1:10,000, 2nd Edition dated Nov. 14, 1960, Revised March 18, 1963.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted:

Lawrence L. Graves

L. L. Graves
Cartographic Technician
June 26, 1968

Approved for forwarding:

Melvin J. Umbach
Melvin J. Umbach, CDR, NOAA
Chief, Coastal Mapping Division, AMC

Approved and Forwarded:

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

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6206 (Keku Strait, Alaska)

T-12815

Keku Strait

Kuiu Island

Kupreanof Island

Rocky Pass

Summit Island

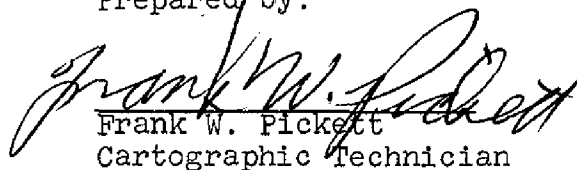
The Summit

Approved by:



A. Joseph Wraight
Chief Geographer

Prepared by:



Frank W. Pickett
Cartographic Technician

T-12815

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-12815			
1. PROJECTION AND GRIDS L.L.G.	2. TITLE L.L.G.	3. MANUSCRIPT NUMBERS L.L.G.	4. MANUSCRIPT SIZE
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY L.L.G.	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations)		7. PHOTO HYDRO STATIONS
8. BENCH MARKS X	9. PLOTTING OF SEXTANT FIXES X	10. PHOTOGRAMMETRIC PLOT REPORT Bridge-W.O.	11. DETAIL POINTS L.L.G.
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE L.L.G.	13. LOW-WATER LINE L.L.G.	14. ROCKS, SHOALS, ETC. L.L.G.	15. BRIDGES X
16. AIDS TO NAVIGATION C.H.B.	17. LANDMARKS X	18. OTHER ALONGSHORE PHYSICAL FEATURES X	19. OTHER ALONGSHORE CULTURAL FEATURES X
PHYSICAL FEATURES			
20. WATER FEATURES		21. NATURAL GROUND COVER X	22. PLANETABLE CONTOURS X
23. STEREOSCOPIC INSTRUMENT CONTOURS X	24. CONTOURS IN GENERAL X	25. SPOT ELEVATIONS X	26. OTHER PHYSICAL FEATURES X
CULTURAL FEATURES			
27. ROADS X	28. BUILDINGS X	29. RAILROADS X	30. OTHER CULTURAL FEATURES X
BOUNDARIES			
31. BOUNDARY LINES X		32. PUBLIC LAND LINES X	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES C.H.B.		34. JUNCTIONS C.H.B.	35. LEGIBILITY OF THE MANUSCRIPT C.H.B.
36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
40. REVIEWER L.L. Graves		SUPERVISOR, REVIEW SECTION OR UNIT 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 C.H. Bishop		SUPERVISOR Albert C. Rauck, Jr.	
43. REMARKS Field edit applied from: Field Edit Ozalid, Film ozalid (shoreline), Field Photos 64 W 1145 through 1147, 64 W 1165 and 1166.			

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-12815

Keku Strait
Southeast Alaska
OPR-448

June-July 1969

Field edit of map T-12815 was done by LT(jg) Glenn Endrud and LT(jg) Bruce Fisher between 24 June and 24 July 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, ledge limits, and some shoreline were located by three-point fixes with check angles. Fixes were plotted on boat sheets DA-5-3-69 & DA-5-4-69 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:

64W1145	64W1165
64W1146	64W1166
664W1147	

ADEQUACY OF COMPILATION

Generally compilation of this map is good. Hydrographic location of isolated boulders compares well, especially at the south end of Summit Island, with the photogrammetric location of the same boulders. In the center portions of this map there is no side lap of photographs and, in some areas, there is no photo coverage.

Shoreline which is obscured by trees on the photographs was verified with three-point fixes and plotted on boat sheet DA-5-3-69. The resulting shoreline has been traced on to the T-sheet and pricked on to the field edit ozalid. It is felt that this shoreline cannot be accurately drawn on the field photograph.

Indicated marsh areas are covered with grass, however, they are not spongy. These areas would be better described as grass areas.

Field inspection of this map is complete.

MAP T-12815

RECOMMENDATIONS

It is recommended that the compilation in The Summit be checked before accepting the map as an advance manuscript. The recent photographs might give better photo coverage and side lap in The Summit.

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 } STRIKE OUT TWO
~~TO BE DELETED~~

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	CHARTS AFFECTED				
			LATITUDE*		LONGITUDE*			HARBOR CHART	INSHORE CHART	OFFSHORE CHART		
			D. M. METERS	"	D. P. METERS						"	
R "30"	Daybeacon #30 (red)	317	56 41	04.9 150.2	133 43	56.7 966.1	1927	N.A. Hydro sig DA-5-3-69	6/69	X		8272
W "29"	Daybeacon #29 (white)	339	56 40	53.2 1646.0	133 43	54.1 921.6	1927	N.A. Hydro sig DA-5-3-69	6/69	X		8272
R "28"	Daybeacon #28 (red)	322	56 40	38.5 1190.1	133 43	46.8 797.6	1927	N.A. Hydro sig DA-5-3-69	6/69	X		8272
R "26"	Daybeacon #26 (red)	324	56 40	17.3 537.2	133 43	54/1 920.6	1927	N.A. Hydro sig DA-5-3-69	6/69	X		8272
W "25"	Daybeacon #25 (white)	325	56 40	17.4 538.2	133 44	06.5 109.9	1927	N.A. Hydro sig DA-5-3-69	6/69	X		8272
R "24"	Daybeacon #24 (red)	327	56 40	03.5 109.9	133 43	46.3 787.7	1927	N.A. Hydro sig DA-5-3-69	6/69	X		8272
W "23"	Daybeacon #23 (white)	419	56 39	31.9 986.5	133 43	13.1 224.0	1927	N.A. Hydro sig DA-5-4-69	6/69	X		8272
	The position of each aid listed on this form is in agreement with the corresponding position on Map Manuscript T-12815. As there are no other fixed aids or landmarks in this area, this form was not duplicated by the Photogrammetric Branch, Atlantic Marine Center.											
	<i>Allen L. Powell</i> Allen L. Powell Director, AMC											

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-12815

SHORELINE

September 6, 1972

61. GENERAL STATEMENT:

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

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

North of Lat. $56^{\circ}40'$, a comparison was made with Survey No. 4341, scale 1:10,000, dated September-October 1927. The area south of Lat. $56^{\circ}40'$ was compared with Survey No. 4331, scale 1:10,000, dated August-September 1927. The shoreline on these old surveys is identical with shoreline on Chart 8272, 4th edition, dated Nov. 21, 1970. Any shoreline difference between Chart 8272 and T-12815 will also exist between the old surveys and T-12815.

Differences between the registered topographic surveys and T-12815 are shown on the comparison print in blue.

Surveys T-4341 and T-4331 are now obsolete and the compared area is superseded by T-12815 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with U.S.G.S. Quadrangle PETERSBURG (C-6), ALASKA, scale 1:63,360, dated 1948. Significant differences between this quadrangle and T-12815 are shown in brown on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with copies of machine printed Boat Sheet H-9079 (DA 5-3-69) scale 1:5,000, dated 1969 and Boat Sheet H-9080 (DA 5-4-69), scale 1:5,000, dated 1969. Significant differences between the compared areas of these boat sheets and T-12815 are shown in purple on the comparison print.

The source of shoreline for the area compared was a copy of the incomplete manuscript for T-12815. Shoreline is in agreement.

The mean lower low water line is not in complete agreement. The photogrammetric location of this feature has been labeled approximate and retained on the map for whatever use it may be to the nautical chart compiler. Preference should be given to the hydrographic location of the MLLWL.

Ledge limits are not in complete agreement. Ledges on T-12815 are mapped as they were interpreted from the compilation photographs and corrected by the field editor.

65. COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart 8272, scale 1:20,000, 4th edition, dated November 21, 1970. Significant differences, other than mean high water line, are shown in red on the comparison print. Mean high water line differences between Chart 8272 and T-12815 are the same as differences between registered topographic surveys and T-12815, and are shown in blue on the comparison print. See Item 62.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This survey complies with Project Instructions and meets the National Standards for Map Accuracy.

Special attention is called to fixed aids to navigation within the limits of this survey. They were plotted from positions on Form 567, which is page 20 of this report.

Reviewed by:

Charles H. Bishop

Charles H. Bishop
Cartographer
September 6, 1972

Approved for forwarding:

Meivin J. Umbach
Meivin 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

133°46'30" x=2,664,000 FT. 46'15" 46'00" x=2,666,000 FT.
56°41'15"

COMPARISON PRINT

Blue = T-4341

y=1,772,000 FT.

41'00"

41'00"

Rocky

40'45"

y=1,770,000 FT.

56°40'45"

T-12815
1:5,000

Gravel and mud



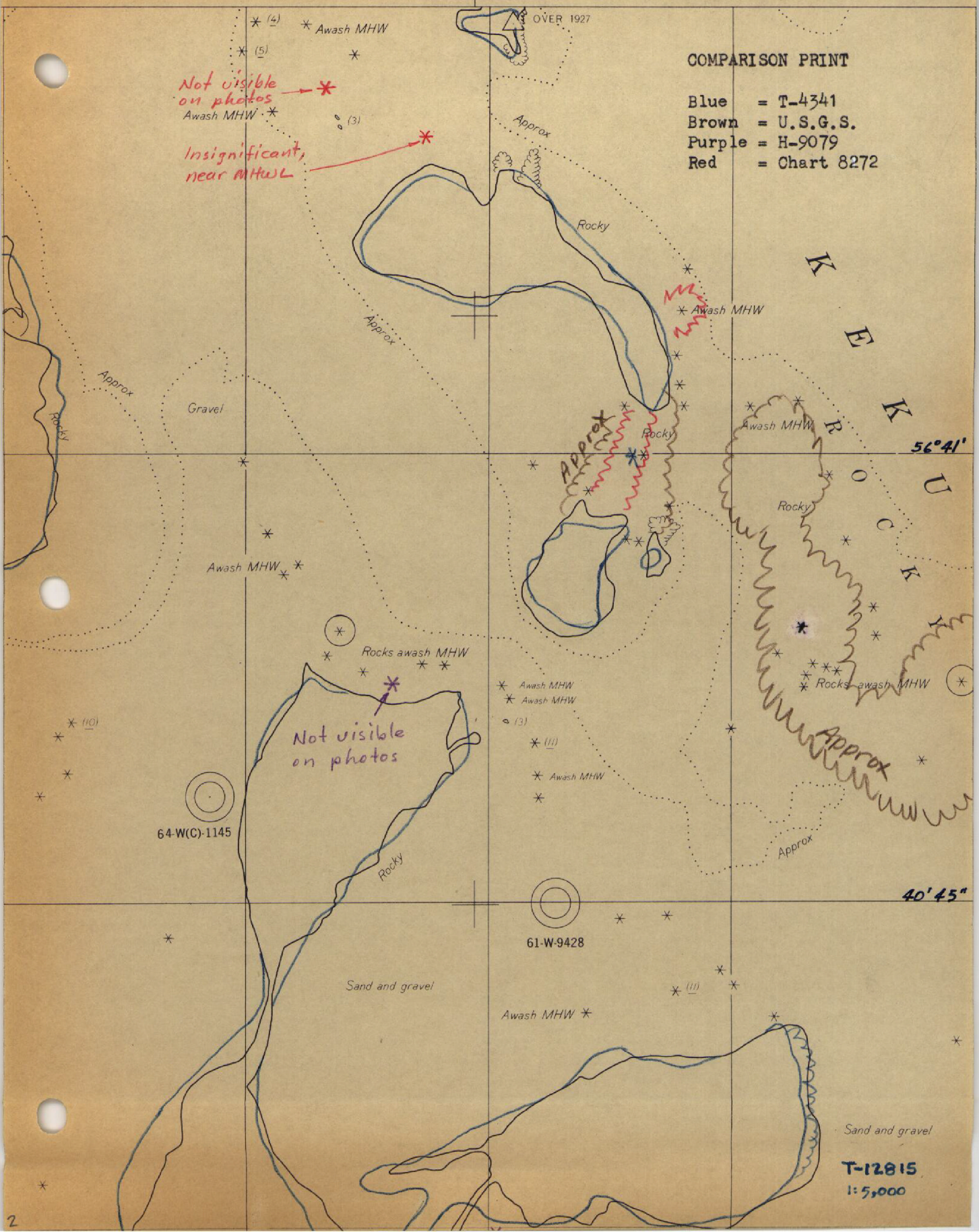
COMPARISON PRINT

- Blue = T-4341
- Brown = U.S.G.S.
- Purple = H-9079
- Red = Chart 8272

Not visible on photos → *

Insignificant, near MHW → *

Not visible on photos



56°41'

40°45"

64-W(C)-1145

61-W-9428

T-12815
1:5,000

* Not visible on photos

COMPARISON PRINT

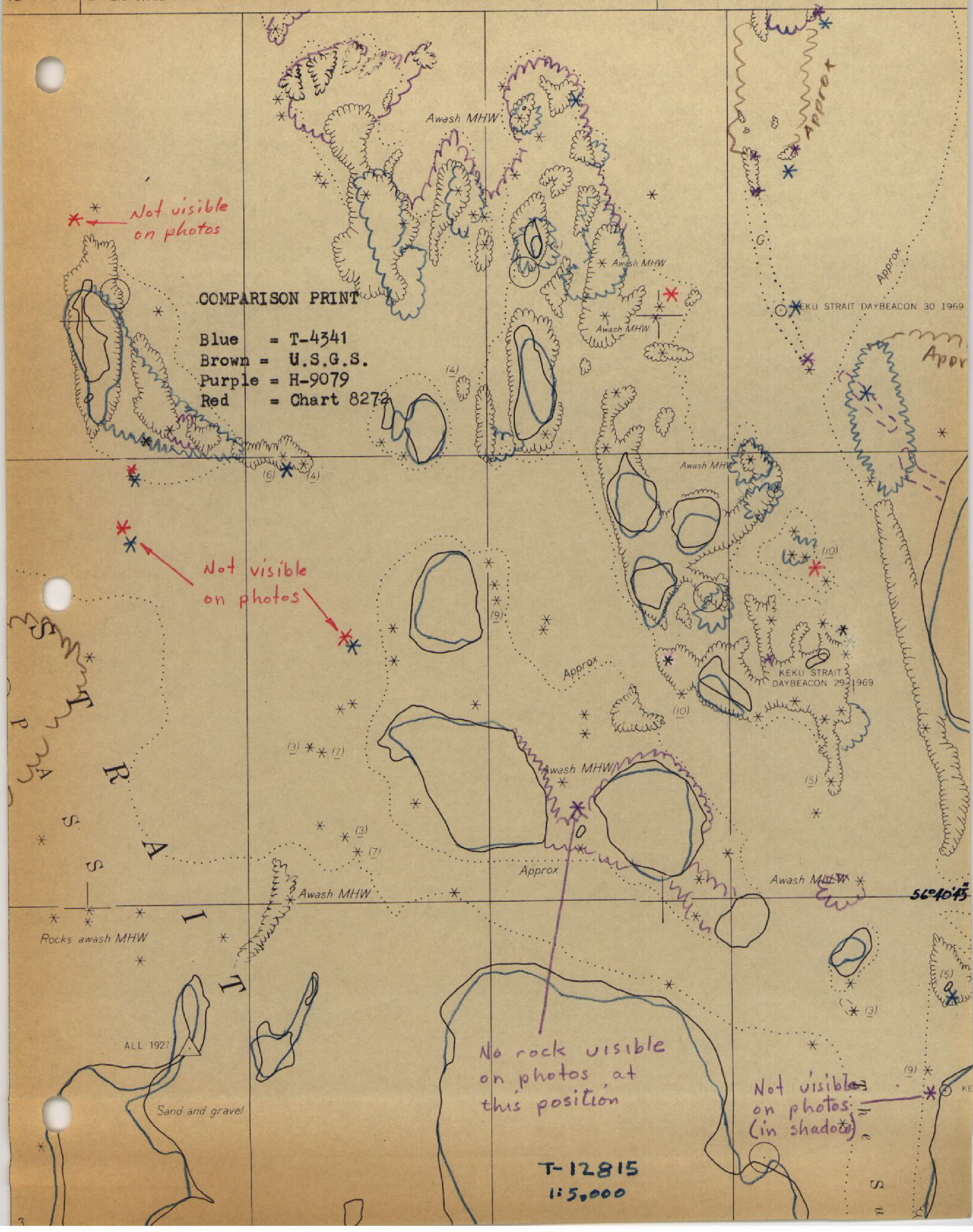
- Blue = T-4341
- Brown = U.S.G.S.
- Purple = H-9079
- Red = Chart 8272

* Not visible on photos

No rock visible on photos at this position

Not visible on photos (in shadows)

T-12815
1:5,000



45"

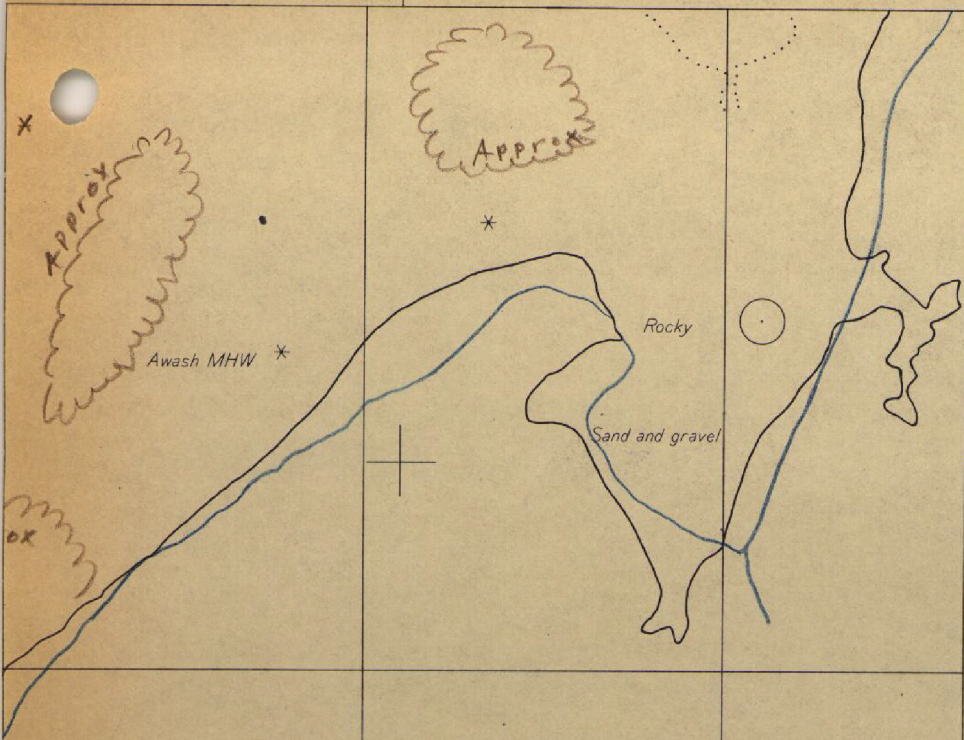
43'30" | x=2,674,000 FT.

43'15"

133° 43'05"

26

56° 41'15"



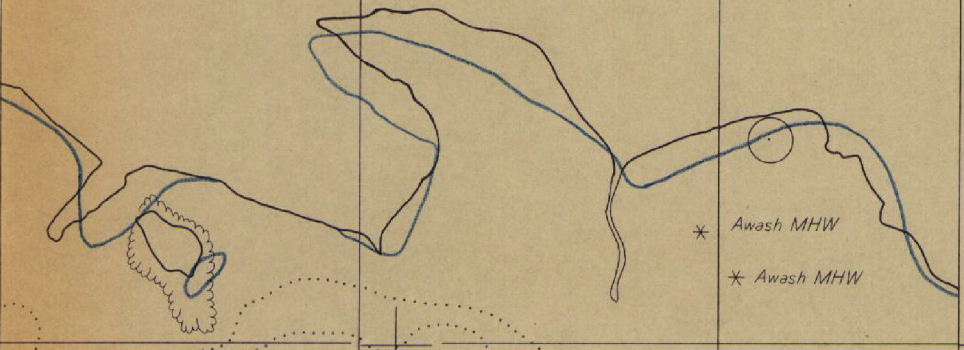
y=1,772,000 FT.

41'00"

KUPREANOF ISLAND

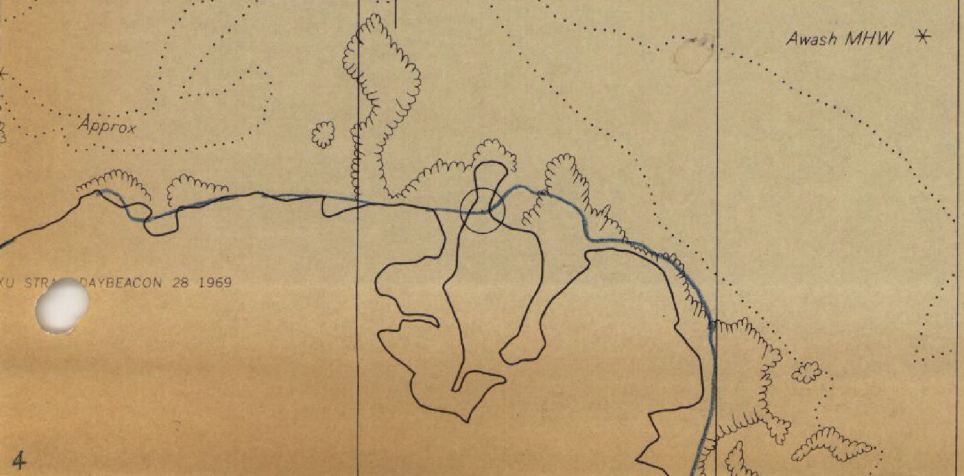
COMPARISON PRINT

Blue = T-4341
 Brown = U.S.G.S.



40'45"

y=1,770,000 FT.



KU STR DAYBEACON 28 1969

T-12815

1:5,000

27

27

40'30"

y=1,768,000 FT.



COMPARISON PRINT

Blue = T-4341

40'15"

y=1,766,000 FT.



40'00"

Pond

Pond

T-12815

115,000

133°46'30"

133°46'15"

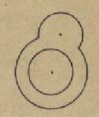
28

Rocky

COMPARISON PRINT

Blue = T-4341

Purple = H-9079



64-W(C)-1146

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T-12815

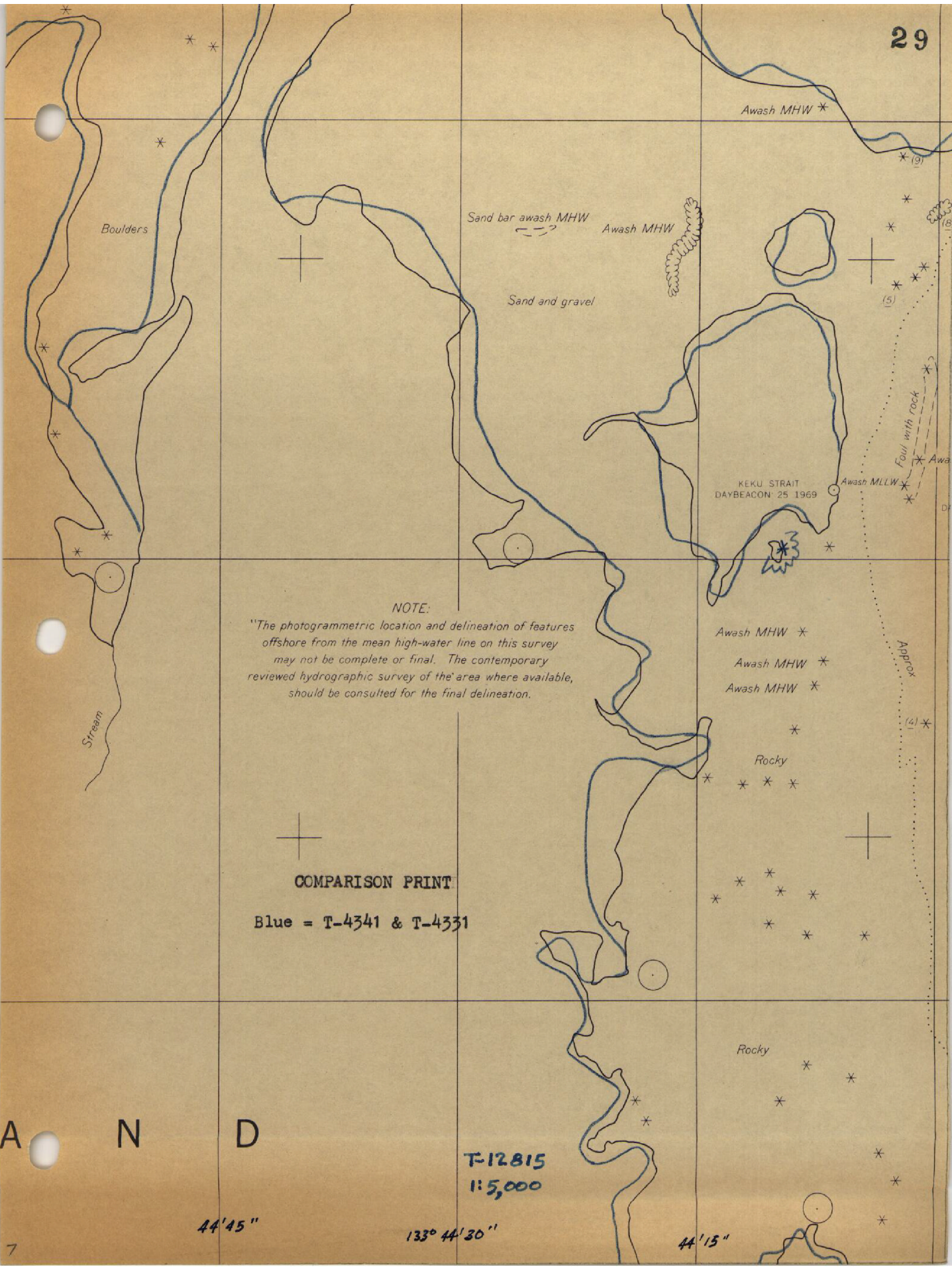
1:5,000

45'45"

45'30"

133°45'15"

6



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."

COMPARISON PRINT

Blue = T-4341 & T-4331

T-12815
 1:5,000

44°45"

133°44'30"

44°15"

A N D

SUMMIT ISLAND

COMPARISON PRINT

Blue = T-4341 & T-4331
 Purple = H-9079 & H-9080
 Red = Chart 8272

40° 30"

y = 1,768,000

40° 15"

y = 1,766,000

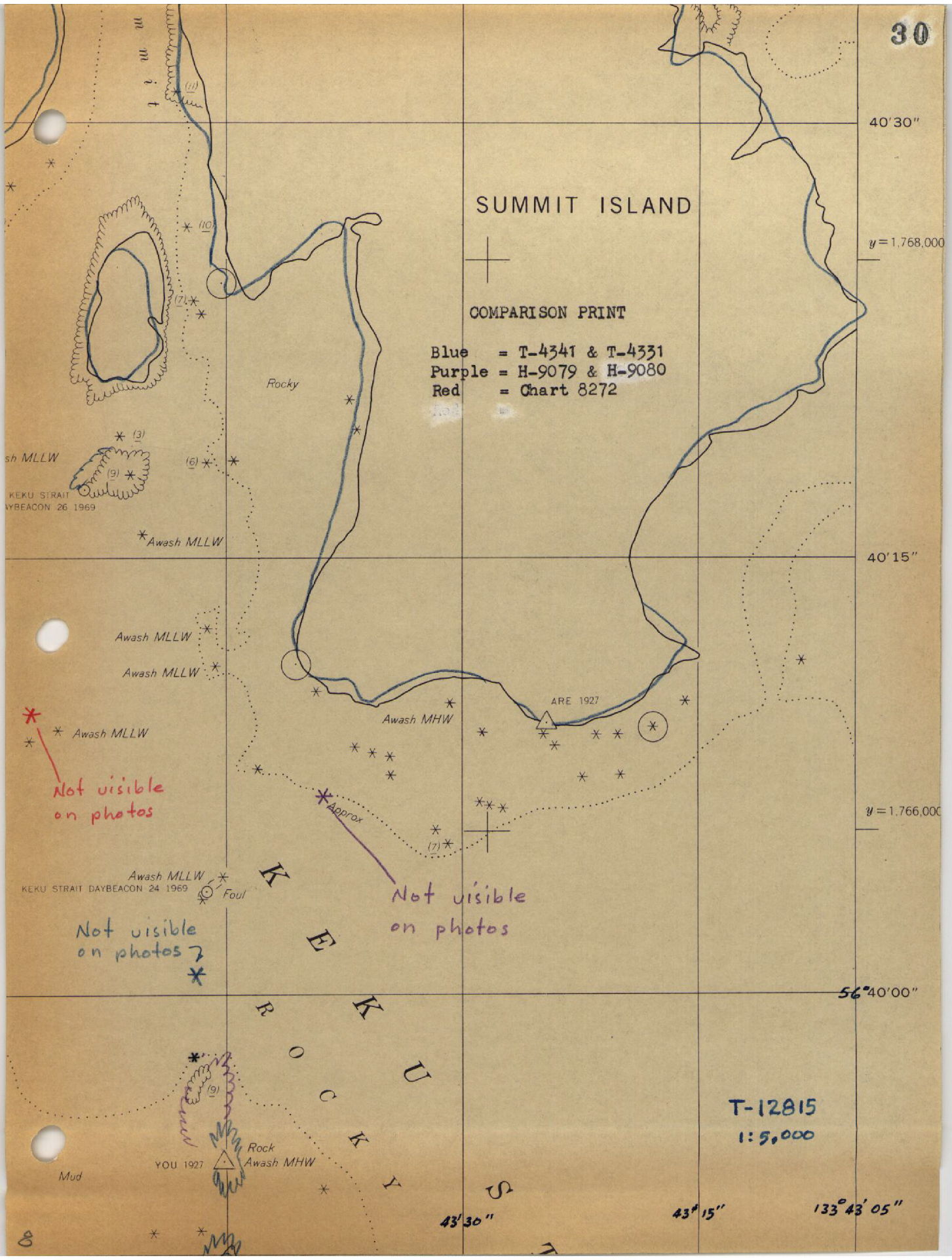
56° 40' 00"

T-12815
 1:5,000

43° 30"

43° 15"

133° 43' 05"



31

39' 45"

56° 39' 30"

64-W(C)-1147

COMPARISON PRINT

Blue = T-4331

44' 45"

x=2,670,000 FT.

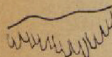
44' 30"

44' 15"

x=2,672,000 FT.

44' 00"

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 light shoreline defines the outer limits of vegetation visible above approximate mean high water.

The heavy shoreline defines the approximate mean high water.

Compiled by photogrammetric methods, from aerial photographs

Date of Photography June 1964

Date of Field Inspection None

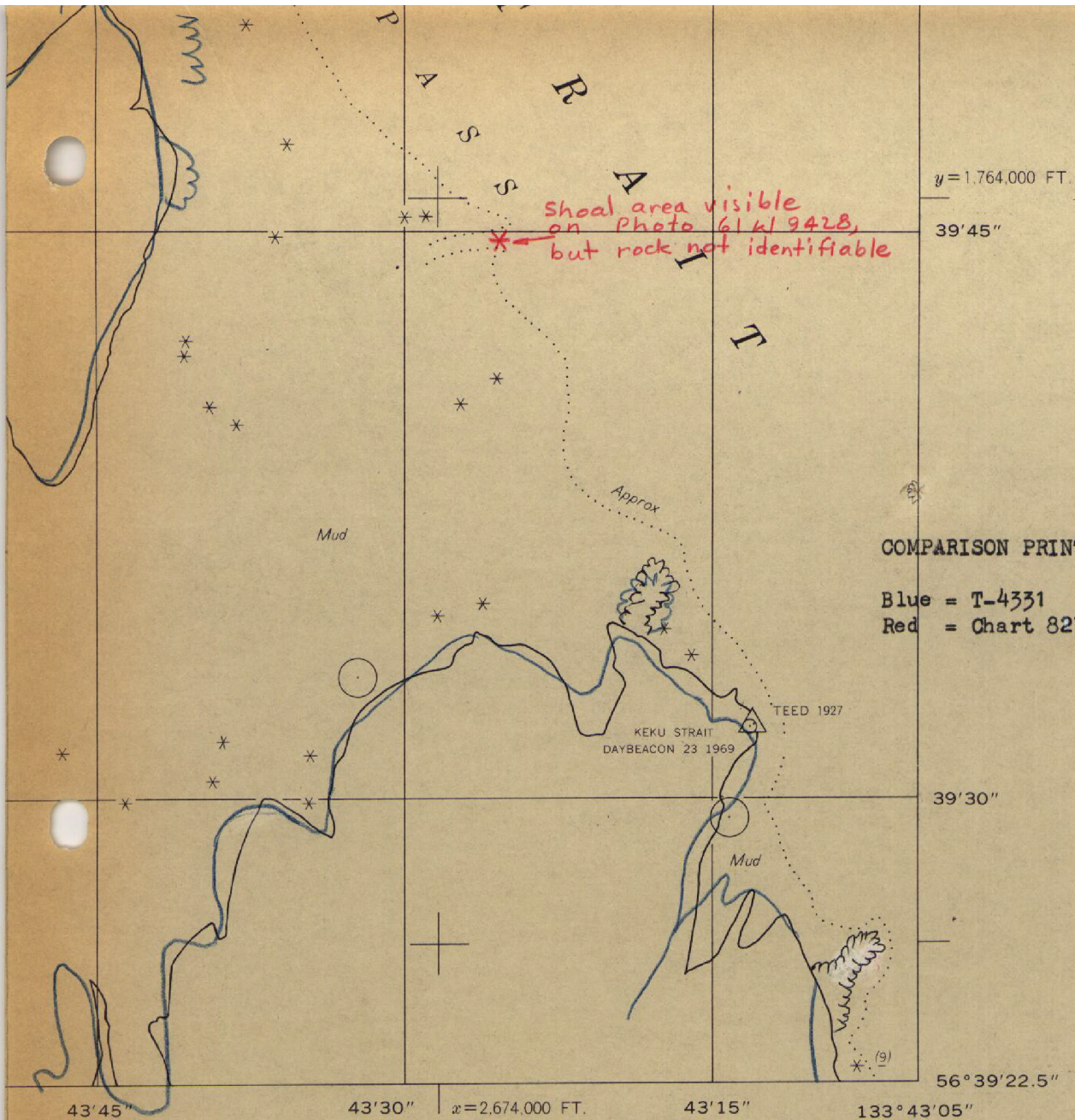
Date of Field Edit June July 1969

Date of Final Compilation Feb. 1972

Date of Final Review Aug. 1972

T-12815

1:5,000



NATIONAL OCEAN SURVEY
 SHORELINE MANUSCRIPT
 T-12815
 ALASKA
 KEKU STRAIT
 SUMMIT ISLAND
 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-15812