

12194

12194

| | |
|--|----------------------------------|
| <p>FORM C&GS-504</p> <p>U.S. DEPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION 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-12194</u></p> |
| <p>LOCALITY</p> | |
| <p>State <u>Alaska</u></p> | |
| <p>General locality <u>Keku Strait</u></p> | |
| <p>Locality <u>Hamilton Bay</u></p> | |
| <p><u>1965-1969</u></p> | |
| <p>CHIEF OF PARTY</p> | |
| <p><u>Alfred C. Holmes, Director, AMC</u></p> | |
| <p>LIBRARY & ARCHIVES</p> | |
| <p>DATE</p> | |

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR
TO REGISTRATION

DESCRIPTIVE REPORT - DATA RECORD

T- 12194

| | | | | | | | | | | | | | | |
|---|---|---|------------------|--------|-------------------|---------------------|----------------|--------------------|----------------|---------------------|--------------|-------|---------------|-------|
| PROJECT NO. (II): <p style="text-align: center;">PH-6206</p> | | | | | | | | | | | | | | |
| FIELD OFFICE (III): | CHIEF OF PARTY | | | | | | | | | | | | | |
| PHOTOGRAMMETRIC OFFICE (III): Atlantic Marine Center Photogrammetric Branch | OFFICER-IN-CHARGE Alfred C. Holmes, RADM, NOAA Director, Atlantic Marine Center | | | | | | | | | | | | | |
| INSTRUCTIONS DATED (II) (III): <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">January 18, 1965</td> <td>OFFICE</td> </tr> <tr> <td>November 26, 1965</td> <td>OFFICE SUPPLEMENT I</td> </tr> <tr> <td>March 18, 1966</td> <td>OFFICE AMENDMENT I</td> </tr> <tr> <td>August 1, 1966</td> <td>OFFICE AMENDMENT II</td> </tr> <tr> <td>May 11, 1965</td> <td>FIELD</td> </tr> <tr> <td>June 14, 1965</td> <td>FIELD</td> </tr> </table> | | | January 18, 1965 | OFFICE | November 26, 1965 | OFFICE SUPPLEMENT I | March 18, 1966 | OFFICE AMENDMENT I | August 1, 1966 | OFFICE AMENDMENT II | May 11, 1965 | FIELD | June 14, 1965 | FIELD |
| January 18, 1965 | OFFICE | | | | | | | | | | | | | |
| November 26, 1965 | OFFICE SUPPLEMENT I | | | | | | | | | | | | | |
| March 18, 1966 | OFFICE AMENDMENT I | | | | | | | | | | | | | |
| August 1, 1966 | OFFICE AMENDMENT II | | | | | | | | | | | | | |
| May 11, 1965 | FIELD | | | | | | | | | | | | | |
| June 14, 1965 | FIELD | | | | | | | | | | | | | |
| METHOD OF COMPILATION (III): Kelsh instrument | | | | | | | | | | | | | | |
| MUSCRIPT SCALE (III): 1:10,000 | STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:8,333 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): MHW MSL EXCEPT AS FOLLOWS: Elevations shown as (25) refer to mean high water Elevations shown as (5) refer to sounding datum i.e., MSL or mean lower low water | | | | | | | | | | | | | |
| REFERENCE STATION (III): AGE 1927 ✓ | | | | | | | | | | | | | | |
| LAT.: 56° 52' 54.559" (1687.7m) | LONG.: 133° 49' 33.050" (559.7m) | <input checked="" type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED | | | | | | | | | | | | |
| PLANE COORDINATES (IV): 1,844,062.85 ft. x = 2,653,806.30 ft. | STATE: Alaska | ZONE: 1 | | | | | | | | | | | | |
| ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE, OR (IV) WASHINGTON OFFICE. WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY. | | | | | | | | | | | | | | |

DESCRIPTIVE REPORT - DATA RECORD

| | | |
|--|---|--|
| FIELD INSPECTION BY (II): None | | DATE: |
| MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air Photo Compilation; Date of photography: July 29, 1965 | | |
| PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree | | DATE 11/08/65 |
| PROJECTION AND GRIDS CHECKED BY (IV): R. S. Kornspan | | DATE 11/08/65 |
| CONTROL PLOTTED BY (III): R. Smith | | DATE 01/12/66 |
| CONTROL CHECKED BY (III): C. H. Bishop | | DATE 01/12/66 |
| RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): G. M. Ball | | DATE Nov. 1965 |
| STEREOSCOPIC INSTRUMENT COMPILATION (III): Wild B-8 | PLANIMETRY L.O. Neterer REV. BY: A. L. Shands | DATE 07/28/66 07/28/66 |
| | CONTOURS Inapplicable | DATE |
| MANUSCRIPT DELINEATED BY (III): L. O. Neterer | | DATE 08/10/66 |
| SCRIBING BY (III): | | DATE |
| PHOTOGRAMMETRIC OFFICE REVIEW BY (III): COMPILATION: C.H. Bishop FIELD EDIT: C.H. Bishop SCRIBING & STICKUP: | | DATE 10/05/66 02/05/69 |
| REMARKS: Field Edit By: Ship PATTON June 1968 | | |

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

Wild RC-9 "M"

PHOTOGRAPHS (III)

| NUMBER | DATE | TIME | SCALE | STAGE OF TIDE |
|-------------------|--------------|----------|----------|--|
| 65-M-229 thru 231 | 29 July 1965 | 0845 PST | 1:50,000 | (from predicted tables) 4.3 ft. below MLLW |

TIDE (III)

DIURNAL

| | RATIO OF RANGES | MEAN RANGE | EXCESSIVE RANGE |
|--|-----------------|------------|-----------------|
| REFERENCE STATION: Ketchikan | | 13.0 | 15.4 |
| COORDINATE STATION: Hamilton Bay, Kupreanof Island | | 11.4 | 13.8 |
| SUBORDINATE STATION: | | | |

WASHINGTON OFFICE REVIEW BY (IV):

Leo F. Beugnet, AMC

DATE:

Nov 1971

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

RECOVERED:

IDENTIFIED:

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-12194

COMPILATION RECORD COMPLETION DATE REMARKS

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

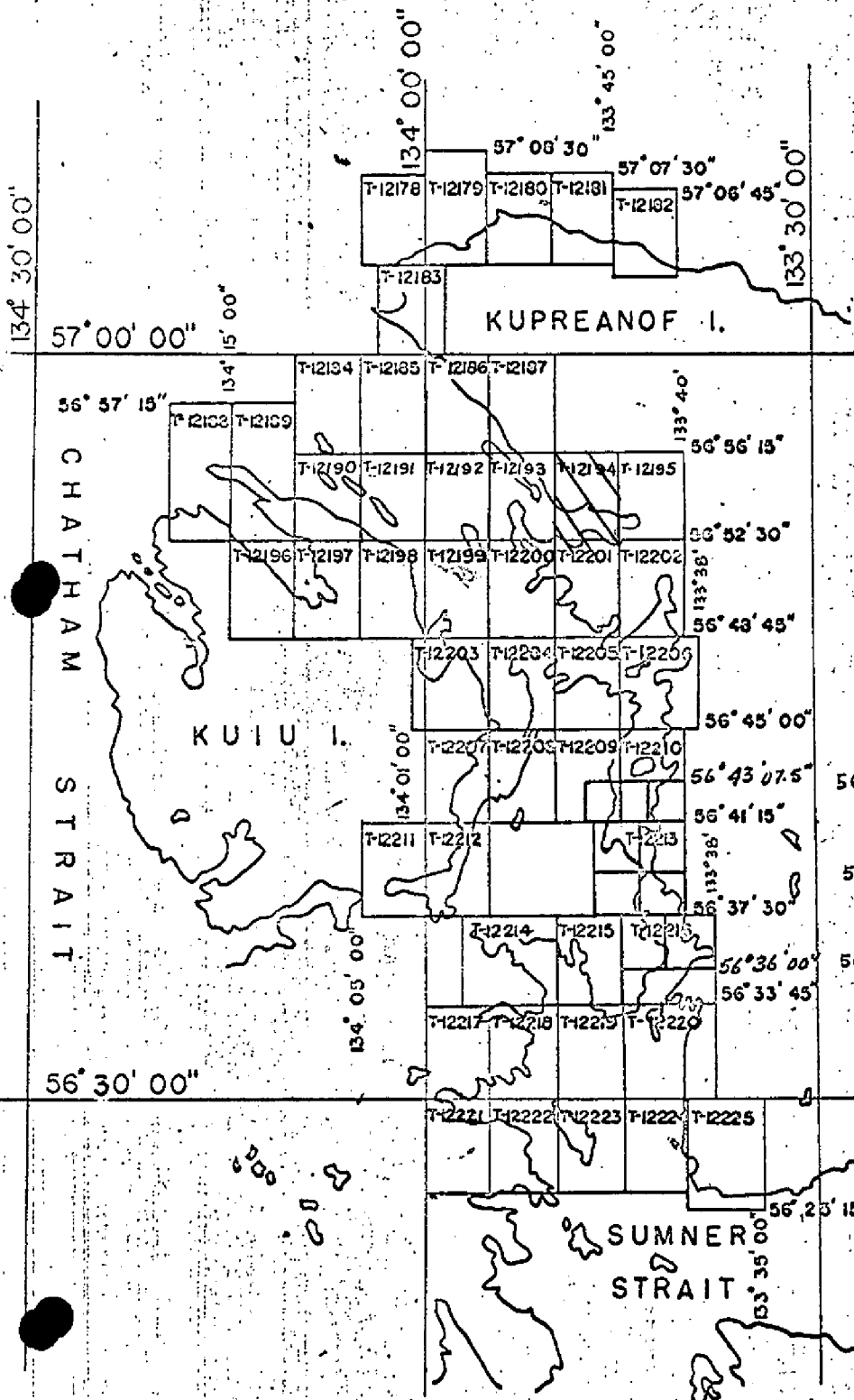
SHORELINE MAPPING PROJECT

Ph-6206

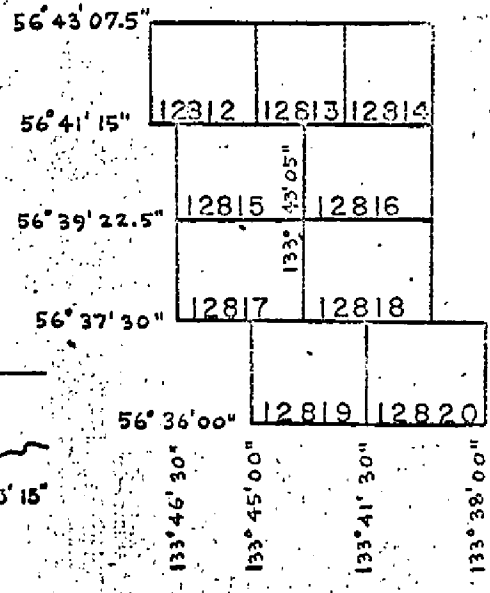
KEKU STRAITS, ALASKA

SCALE 1:10,000

5



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-12194

Shoreline survey T-12194 is one of 53 similar surveys in project PH-6206. The primary purpose of the project was to provide modern shoreline and photo-hydro support data for hydrographic surveys in the Keku Strait area. See page 5 for the area covered by the project and the location of this survey within the project.

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

Compilation was at 1:10,000 scale by Wild B-8 methods using the photography of July 1965. Copies of the incomplete manuscript along with specially prepared photographs and ozalids were furnished for transfer of the shoreline to the boat sheet, photo-hydro support use and field edit.

The compilation manuscript was a vinylite sheet 3 minutes 45 seconds in latitude by 5 minutes in longitude. After application of field edit data the survey was scribed and reproduced on cronaflex. Final review was in the Atlantic Marine Center in November 1971. One cronaflex positive and a negative of the final reviewed survey are forwarded for record and registry.

FIELD INSPECTION REPORT
T-12194

There was no field inspection before compilation.

8

PHOTOGRAMMETRIC PLOT REPORT
Job PH-6206
Keku Straits, Alaska
November 1965

21. Area Covered

This report covers an area of Alaska in the upper portion of Keku Straits and its confluence with Frederick Sound.

22. Method

Analytical aerotriangulation methods were used to bridge four strips of "M" photography at the scale of 1:50,000. The attached sketch of strips bridged shows the amount and placement of triangulation furnished. Closures to control and to tie points have been tabulated.

23. Adequacy of Control

Horizontal control (premarked targets) identified and required to adjust the strips bridged was slightly above our minimum requirements. Two of the four strips were adjusted using only three stations and common tie points as a check to our bridging accuracy. The final results are well within the National Standards of Map Accuracy for the eighteen shoreline sheets to be compiled (T-12178, T-12179, T-12183 thru T-12195, T-12196 thru T-12198).

Control stations that were not used in our final adjustment follow: (1) CORN, 1925, this station is on the tip of a peninsula and so situated that it was impossible to set a model in which this station could have been of any value to our work; (2) KEKU 1927, this target was not visible on either the film or the plates. It is our belief, based upon the published description, that the target might have washed away; (3) HAM 1927, this station was used on Strip #2, however on Strip #3 the target was not visible because the lay-over of trees near the station obscured the target on one photograph.

24. Supplemental Data

Numerous USGS quads were used to obtain elevations required for the final adjustment.

25. Photography

Photography was adequate with regard to coverage, overlap and image definition.

Respectfully submitted:

George M. Ball
George M. Ball

Approved and forwarded:

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

CLOSURE TO CONTROL AND TIE POINTS
(feet)

STRIP #1

BENDEL, 1917
 (0.0 -0.1)
 KELP, 1965
 (-0.1 -0.1)
 PINT, 1965
 (-0.1 -0.1)

STRIP #2

BENDEL, 1917
 (+1.3 0.0)
 CART, 1927
 (-2.0 -0.6)
 KAKE, 1927
 (-1.4 +0.1)
 AGE, 1927
 (+1.3 +0.6)
 AMY, 1927
 S.S. (-0.5 -0.4)

TIES TO STRIP #1

08401 (-0.2 + 2.6)
 08402 (-0.9 +10.1)
 08402 (-0.9 + 9.6)

TIES TO STRIP #3

27401 (+6.7 + 6.2)
 28401 (+9.0 + 9.1)
 29401 (+3.4 - 2.4)
 29401 (+5.5 - 0.7)
 29402 (+9.5 + 6.0)
 29403 (+8.2 + 3.7)
 33401 (+3.2 + 0.4)
 33402 (+5.0 + 5.4)

STRIP #3

KAKE, 1927
 (+1.8 -2.1)
 ALTO, 1927
 (-2.0 +0.5)

STRIP #3 cont.

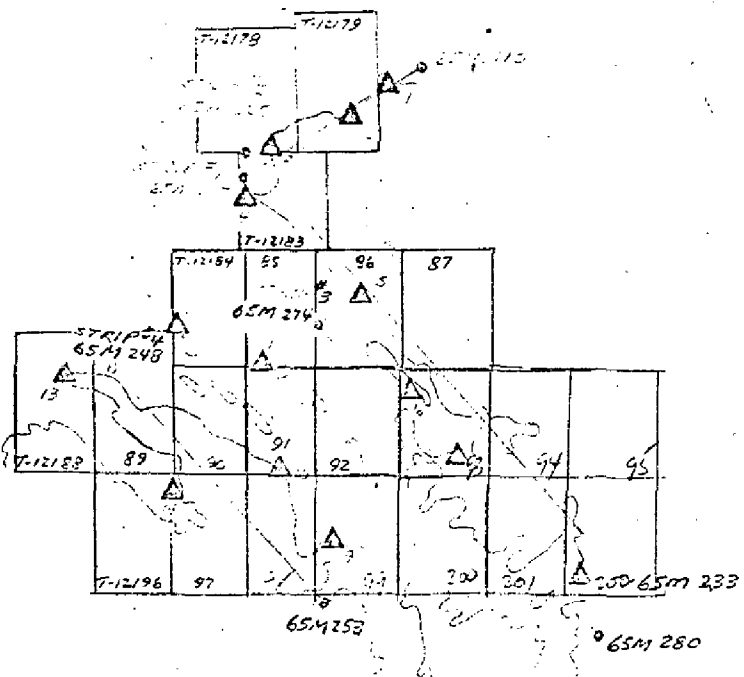
HAM, 1927
 (-2.8 -0.9)
 AGE, 1927
 (+3.4 +3.1)
 AMY, 1927
 S.S. (-0.6 -0.9)

STRIP #4

GNAW, 1965
 (-0.1 0.0)
 LOW, 1927
 (-0.1 0.0)
 LUCK, 1927
 (-0.1 0.0)

TIES TO STRIP #3

74401 (+0.1 +0.2)
 74401 (+0.3 +0.6)
 75401 (+9.3 -6.2)
 76401 (+3.1 +3.2)
 76402 (+6.7 +5.4)



KERO STRAITS, ALASKA
 PH - 6206
 SHORELINE MAPPING
 SCALE 1:10,000
 SINGLE LEAD BEAMS
 SCALE 1:15,000

KEY TO TRIANGULATION

1. TINT, 1965
2. KERP, 1965
3. BENDEL, 1917
4. CHART, 1927
5. KARE, 1927
6. HAD, 1927
7. ASL, 1927
8. HAD, 1927
9. LUCK, 1927
10. LOW, 1927
11. ALTS, 1927
12. KERO, 1927
13. COAN, 1927
14. TINT, 1927

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

MAP T. 12194 PROJECT NO. PH-6206 SCALE OF MAP 1:10,000 SCALE FACTOR

| STATION | SOURCE OF INFORMATION (INDEX) | DATUM | LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE | | DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS | | DATUM CORRECTION | N.A. 1927-DATUM | | FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS |
|----------------------|-------------------------------|--------------|---|-------------------|---|---------------------|------------------|-----------------|--------|--|
| | | | FORWARD | (BACK) | FORWARD | (BACK) | | FORWARD | (BACK) | |
| AGE 1927 | Vol. II p. 363 | N.A. 1927 | 56 52 | 54.559 | 1687.7 | (168.3) | ✓ | | | |
| " | and 56133 p. 1 | " | 133 49 | 33.050 | 559.7 | (456.4) | ✓ | | | |
| LEE 1927 | Vol. II 365 | " | 1 844 | 062.85 | 4062.8 | (937.2) | ✓ | | | |
| " | 56133 p. 17 | " | 2 653 | 806.30 | 3806.3 | (1193.7) | ✓ | | | |
| " | | " | 56 53 | 50.504 | 1562.2 | (294.8) | ✓ | | | |
| " | | " | 133 46 | 13.177 | 223.1 | (792.7) | ✓ | | | |
| PORT 1927 | Vol. II p. 363 | " | 1 849 | 718.62 | 4718.6 | (281.4) | ✓ | | | |
| " | 56133 p. 25 | " | 2 664 | 919.11 | 4919.1 | (80.9) | ✓ | | | |
| " | | " | 56 53 | 45.407 | 1404.6 | (451.4) | ✓ | | | |
| " | | " | 133 49 | 56.343 | 953.8 | (61.9) | ✓ | | | |
| " | | " | 1 849 | 225.80 | 4225.8 | (774.2) | ✓ | | | |
| " | | " | 2 652 | 524.74 | 2524.7 | (2475.3) | ✓ | | | |
| PEN 1927 | Vol. II p. 363 | " | 56 53 | 00.299 | 12.2 | (1842.6) | ✓ | | LOST | |
| " | 56133 p. 25 | " | 133 46 | 11.875 | 201.1 | (815.0) | ✓ | | | |
| " | | " | 1 844 | 645.72 | 4645.7 | (354.3) | ✓ | | | |
| " | | " | 2 658 | 317.27 | 3317.3 | (1682.7) | ✓ | | | |
| SRAN 1927 | Vol. II p. 364 | " | 56 53 | 28.850 | 892.4 | (963.6) | ✓ | | LOST | |
| " | 56133 p. 31 | " | 133 48 | 18.022 | 305.3 | (710.6) | ✓ | | | |
| " | | " | 1 847 | 533.57 | 2533.5 | (2466.5) | ✓ | | | |
| " | | " | 2 657 | 981.06 | 2981.1 | (2018.9) | ✓ | | | |

COMPILATION REPORT
Map Manuscript T-12194
Project Ph-6206

31. DELINEATION

Planimetry was compiled by Wild B-8. Photography was satisfactory.

32. CONTROL

See Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage at the head of Hamilton Bay was compiled for a short distance from the mean high water line.

35. SHORELINE AND ALONGSHORE FEATURES

There was no field inspection before compilation. Shoreline and alongshore features were compiled from office interpretation of the photographs.

36. OFFSHORE DETAILS

Offshore details were compiled from office interpretation of the photographs.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Satisfactory junctions have been made with T-12193 to the west and T-12195 to the east. There is no detail on this map to junction with T-12201 to the south. There is no contemporary survey to the north.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison has been made with U.S.G.S. Quadrangle PETERS-BURG (D-6), ALASKA, scale 1:63,360, dated 1948. No discrepancies were noted.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Nautical Chart 8201, scale 1:217,828, revised 7/20/64. No discrepancies were noted.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted:

Charles H. Bishop

Charles H. Bishop
Cartographer

Approved for forwarding:

Melvin J. Umbach
Melvin J. Umbach, CDR, NOAA
Chief, Photogrammetry Division, AMC

Approved:

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

October 20, 1971

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6206

T-12194

Hamilton Bay

Kupreanof Island

Approved by:

A. Joseph Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technician

49. NOTES FOR THE HYDROGRAPHER

1. Foul, shoal, and reef areas and rocks shown on this manuscript were determined by office interpretation of aerial photographs of the area and are shown to aid the hydrographer in locating possible hazardous areas. Their existence and extent should be verified by the hydrographer. If a foul, shoal, or reef area or rock does not exist, this fact should be noted on the FIELD EDIT OZALID.
2. There was no field inspection prior to compilation; therefore, occasional measurements should be made from identifiable points on the photographs to the MHWL to verify compilation.
3. Heights of rocks, reefs, and any other offshore obstructions should be obtained. The time of day and date observed should also be noted.
4. If there are landmarks or aids to navigation within the area of this map, investigate and submit Form 567.
5. Give character of foreshore areas (mud, sand, rocky, etc.)
6. See FIELD EDIT OZALID for other notes.

PHOTOGRAMMETRIC OFFICE REVIEW

T- 12194

| | | | |
|--|---|---|---|
| 1. PROJECTION AND GRIDS CHB | 2. TITLE CHB | 3. MANUSCRIPT NUMBERS CHB | 4. MANUSCRIPT SIZE CHB |
| CONTROL STATIONS | | | |
| 5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY CHB | 6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) XX | 7. PHOTO HYDRO STATIONS XX | |
| 8. BENCH MARKS XX | 9. PLOTTING OF SEXTANT FIXES XX | 10. PHOTOGRAMMETRIC PLOT REPORT Bridge - W.O. | 11. DETAIL POINTS Wild B-8 |
| ALONGSHORE AREAS (Nautical Chart Data) | | | |
| 12. SHORELINE CHB | 13. LOW-WATER LINE CHB | 14. ROCKS, SHOALS, ETC. CHB | 15. BRIDGES XX |
| 16. AIDS TO NAVIGATION XX | 17. LANDMARKS XX | 18. OTHER ALONGSHORE PHYSICAL FEATURES CHB | 19. OTHER ALONGSHORE CULTURAL FEATURES CHB |
| PHYSICAL FEATURES | | | |
| 20. WATER FEATURES CHB | 21. NATURAL GROUND COVER CHB | | 22. PLANETABLE CONTOURS XX |
| 23. STEREOSCOPIC INSTRUMENT CONTOURS XX | 24. CONTOURS IN GENERAL XX | 25. SPOT ELEVATIONS XX | 26. OTHER PHYSICAL FEATURES CHB |
| CULTURAL FEATURES | | | |
| 27. ROADS CHB | 28. BUILDINGS XX | 29. RAILROADS XX | 30. OTHER CULTURAL FEATURES CHB |
| BOUNDARIES | | | |
| 31. BOUNDARY LINES XX | | 32. PUBLIC LAND LINES XX | |
| MISCELLANEOUS | | | |
| 33. GEOGRAPHIC NAMES CHB | 34. JUNCTIONS CHB | | 35. LEGIBILITY OF THE MANUSCRIPT CHB |
| 36. DISCREPANCY OVERLAY XX | 37. DESCRIPTIVE REPORT CHB | 38. FIELD INSPECTION PHOTOGRAPHS XX | 39. FORMS ACR |
| 40. REVIEWER <i>Charles H. Bishop</i> Charles H. Bishop 10/5/66 | | SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr. | |
| 41. REMARKS (See attached sheet) | | | |
| FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT | | | |
| 42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete, except as noted under item 43. | | | |
| COMPILER <i>A. L. Shands</i> A. L. Shands 01/23/69 | | SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr. | |
| Rev. by: C.H. Bishop 02/05/69 | | | |
| 43. REMARKS Field Edit Applied from: Field Edit Ozalid, Field Photo No. 65-M-230 | | | |

T-12194

FIELD EDIT REPORT

There were no field edit reports submitted with the field edit covering the 1966 to 1968 season's work, and no Form 567 was submitted to the compilation office by the field party.

REVIEW REPORT T-12194

SHORELINE

NOVEMBER 10, 1971

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. 2151, 1:20,000 scale made in June-September, 1892. The two surveys are in poor agreement.

Survey No. 2151 is superseded by T-12194 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with USGS PETERSBURG (D-6), ALASKA, 1:63, 360 scale quadrangle, edition of 1951 with minor revisions made in 1963. The two surveys are in good general agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with a copy of boat sheet H-9039 (DA 10-3-68). The two surveys are in good agreement. ~~One rock near latitude 56°52'15.7" longitude 133°49'06" is not visible on the photographs. Two other rocks on the ledge in the vicinity of latitude 56°53.0' longitude 133°48.3' are not shown on survey T-12194. These rocks shown on T-12194.~~

C.A.B.
12-20-72

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with chart 8201, 16th edition dated November 7, 1970. The two surveys are in fair agreement.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This survey was found to be adequate for photo-hydro support and nautical chart construction purposes.

Reviewed by:

Leo F. Beugnet

Leo F. Beugnet
Cartographer

Approved:

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

ADDENDUM TO REVIEW REPORTS

T-12178, T-12179, AND T-12183 THROUGH T-12202

After Maps T-12178, T-12179, and T-12183 through T-12202 had been final reviewed and the reports written and signed, and the hydrographic surveys had been verified and reviewed, the Marine Chart Division requested additional review of the photogrammetric manuscripts to aid in resolving discrepancies between the hydrographic and photogrammetric surveys. Discrepancy prints of each T-sheet and verified copies of the hydrographic surveys were furnished to aid in this review. H-9041 Boat Sheet was used for T-12198 through T-12202, as a verified copy of this survey was not available to the reviewer.

Copies of the hydrographic surveys were used as aids to verify what could be seen on the photographs of the area: If a feature on the hydrographic survey was not positively identifiable on the photographs, it was not added to the T-sheet. This review resulted in the revision of several ledges, some mean high water line, and the addition of several rocks awash. The hydrographer's elevations were not added to the photogrammetric manuscripts.

Questions on the discrepancy prints were answered on separate originals and returned to the Marine Chart Division, along with a Chart Maintenance Print reflecting differences between the Advance Manuscript and the Final Reviewed Manuscript for each map.

Comparison prints bound with this report reflect differences with the verified hydrographic surveys, except T-12198 through T-12202, rather than the boat sheets. The sources for shoreline on the verified hydrographic surveys were copies of Advance Manuscripts; therefore, shoreline agreement is generally good.

Charles H. Bishop

Charles H. Bishop
Cartographer
January, 1973