DESCRIPTIVE REPORT

Type of Survey  SHORELINE (Photogrammetric)

Field No.  Office No.  T-12188

LOCALITY

State  Alaska

General locality  Keku Strait

Locality  Cornwallis Point

1961 - 1968

CHIEF OF PARTY
Alfred C. Holmes, Director,
Atlantic Marine Center

LIBRARY & ARCHIVES

DATE
MAP NOT INSPECTED IN QUALITY CONTROL PRIOR TO REGISTRATION
PROJECT NO. (III):
Job PH-6206

FIELD OFFICE (III):
CHIEF OF PARTY

PHOTOREOGRAMMETRIC OFFICE (III):
Atlantic Marine Center
Photogrammetric Branch
OFFICER IN CHARGE
(Alfred J. Holmes, RADM, NOAA)
Director, Atlantic Marine Center

INSTRUCTIONS DATED (III) (III):
January 18, 1965
November 26, 1965
March 18, 1966
June 8, 1966
May 11, 1965
June 14, 1965
January 21, 1966
OFFICE
OFFICE SUPPLEMENT I
OFFICE AMENDMENT I
OFFICE SUPPLEMENT II
FIELD
FIELD
FIELD

METHOD OF COMPILATION (III):
Graphic

MANUSCRIPT SCALE (III):
1:10,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.:

DATE:

DATE REGISTERED (IV):
Sep 4 1925

GEOGRAPHIC DATUM (III):
N. A. 1927

REFERENCE STATION (III):
CORN 1925

LAT.: 56° 56' 11.021"

LONG.: 134° 16' 09.647"

ADJUSTED

UNADJUSTED

PLANE COORDINATES (IV):

STATE: Alaska

ZONE: 1

Roman numerals indicate whether the item is to be entered by III 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.
**DESCRIPTION REPORT - DATA RECORD**

**FIELD INSPECTION BY (II):**

None

**MEAN HIGH WATER LOCATION (III) [STATE DATE AND METHOD OF LOCATION]:**

Air photo compilation
Date of Photography: July 16, 1962

<table>
<thead>
<tr>
<th>Projection and Grids Ruled By (IV):</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. E. Roundtree</td>
<td>11/04/65</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Projection and Grids Checked By (IV):</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>R. S. Kornsapan</td>
<td>11/04/65</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Control Plotted By (III):</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Bishop</td>
<td>01/11/66</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Control Checked By (III):</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>R. Smith</td>
<td>01/11/66</td>
</tr>
</tbody>
</table>

**Radial Plot or Stereoscopic Control Extension By (III):**

G. Ball (W.O.)
Date: 11/65

**Stereoscopic Instrument Compilation (III):**

<table>
<thead>
<tr>
<th>Planimetry</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inapplicable</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contours</th>
<th>DATE</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Manuscript Delineated By (III):</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>L. O. Neterer</td>
<td>02/28/66</td>
</tr>
</tbody>
</table>

**Scribing By (III):**

<table>
<thead>
<tr>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>R. R. White</td>
</tr>
</tbody>
</table>

**Photogrammetric Office Review By (III):**

<table>
<thead>
<tr>
<th>Compilation: C.H. Bishop</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Edit: C.H. Bishop</td>
<td>03/01/66</td>
</tr>
<tr>
<td>Scribing &amp; Stickup: R.E. Smith</td>
<td>06/20/68</td>
</tr>
</tbody>
</table>

**REMARKS:**

Field Edit by:
Ship PATTON

June 1967
**DESCRIPTIVE REPORT - DATA RECORD**

**CAMERA (KIND OR SOURCE) (III):**

Wild RC-8 "W" and Wild RC-9 "M" Photographs (III)

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>DATE</th>
<th>TIME</th>
<th>SCALE</th>
<th>STAGE OF TIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>61-W-9348 and 9349</td>
<td>16 July 1961</td>
<td>0813 PST</td>
<td>1:20,000</td>
<td>1.3 ft. above MLLW</td>
</tr>
<tr>
<td>62-W-5478 and 5479</td>
<td>16 June 1962</td>
<td>0908 PST</td>
<td>1:20,000</td>
<td>3.5 ft. above MLLW</td>
</tr>
<tr>
<td>65-M-099</td>
<td>27 July 1965</td>
<td>0811 PST</td>
<td>1:50,000</td>
<td>0.6 ft. below MLLW</td>
</tr>
</tbody>
</table>

**TIDE (III)**

<table>
<thead>
<tr>
<th>RATIO OF RANGES</th>
<th>MEAN RANGE</th>
<th>DIURNAL RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference Station:</td>
<td>Juneau</td>
<td>13.8</td>
</tr>
<tr>
<td>Subordinate Station:</td>
<td>Saginaw Bay, Kuiu Island (Frederick Sound)</td>
<td>11.3</td>
</tr>
</tbody>
</table>

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

**DATE:** Sept. 1971

**NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):**

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

**NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):**

**NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):**

**REMARKS:**
<table>
<thead>
<tr>
<th>Compilation Record</th>
<th>Completion Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alongshore area for hydro</td>
<td>Feb. 1966</td>
<td>Superseded</td>
</tr>
<tr>
<td>Field Edit Applied Compilation complete</td>
<td>June 1968</td>
<td>Superseded</td>
</tr>
<tr>
<td>Discrepancies with reviewed hydro surveys resolved; addendum added to Review Report</td>
<td>Nov. 1972</td>
<td></td>
</tr>
</tbody>
</table>
SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT T-12188

Shoreline survey T-12188 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 aero-triangulation. The survey was field edited during the course of hydrography.

Compilation was at 1:10,000 scale by graphic methods using the photography of July 1961, June 1962 and 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 4 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 September 1971. One cronaflex positive and a negative of the final reviewed survey are forwarded for record and registry.
FIELD INSPECTION REPORT
MAP MANUSCRIPT T-12188
Project Ph-6206

There was no field inspection prior to compilation.
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

Analytic aerotriangulation methods were used to bridge four strips of "H" 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 (pre-marked 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 fourteen shoreline sheets to be compiled (T-12178, T-12179, T-12183 through T-12192, T-12196 and T-12197).

Control stations that were not used in our final adjustment follow: (1) CORH, 1925, this station is on the tip of a peninsula and so situated that it was impossible to get 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) HAH, 1927, this station was used on Strip #2, however on Strip #3 the target was not visible because the key-overlies trees near the station obscured the target on one photograph.

24. Supplemental Data

Numerous U.S.G.S. 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

Approved and forwarded:

Henry P. Eichert
Acting Chief, Aerotriangulation Section
<table>
<thead>
<tr>
<th>STRIP #1</th>
<th>STRIP #2</th>
<th>STRIP #3 cont.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BENDEL, 1917</strong></td>
<td><strong>BENDEL, 1917</strong></td>
<td><strong>HAN, 1927</strong></td>
</tr>
<tr>
<td>(0.0)</td>
<td>(+1.3)</td>
<td>(-2.3)</td>
</tr>
<tr>
<td><strong>KELP, 1965</strong></td>
<td><strong>CART, 1927</strong></td>
<td><strong>AGE, 1927</strong></td>
</tr>
<tr>
<td>(-0.1)</td>
<td>(-2.0)</td>
<td>(+3.4)</td>
</tr>
<tr>
<td><strong>PINT, 1965</strong></td>
<td><strong>KAKE, 1927</strong></td>
<td><strong>AMY, 1927</strong></td>
</tr>
<tr>
<td>(-0.1)</td>
<td>(-1.4)</td>
<td>(-0.6)</td>
</tr>
<tr>
<td><strong>S.S.</strong> (-0.5)</td>
<td><strong>AGE, 1927</strong></td>
<td><strong>S.S.</strong> (-0.6)</td>
</tr>
<tr>
<td><strong>AMY, 1927</strong></td>
<td>(+1.3)</td>
<td><strong>AMY, 1927</strong></td>
</tr>
<tr>
<td><strong>S.S.</strong> (-0.5)</td>
<td>(+0.1)</td>
<td>(-0.6)</td>
</tr>
<tr>
<td><strong>AMY, 1927</strong></td>
<td>(+0.0)</td>
<td>(-0.9)</td>
</tr>
<tr>
<td><strong>S.S.</strong> (-0.5)</td>
<td><strong>LON, 1927</strong></td>
<td><strong>LUCK, 1927</strong></td>
</tr>
<tr>
<td><strong>AMY, 1927</strong></td>
<td>(-0.1)</td>
<td>(-0.1)</td>
</tr>
<tr>
<td><strong>TIES TO STRIP #1</strong></td>
<td><strong>TIES TO STRIP #3</strong></td>
<td><strong>TIES TO STRIP #3</strong></td>
</tr>
<tr>
<td>08401 (-0.2) + 2.6</td>
<td>74401 (+0.1) +0.2</td>
<td>74401 (+0.1) +0.2</td>
</tr>
<tr>
<td>08402 (-0.9) +10.1</td>
<td>74401 (+0.3) +0.6</td>
<td>75401 (+0.3) -6.2</td>
</tr>
<tr>
<td>08402 (-0.9) +9.6</td>
<td>76401 (+3.1) +3.2</td>
<td>76402 (+6.7) +5.4</td>
</tr>
</tbody>
</table>

**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 (+9.3) + 6.0 |
| 29403 (+8.2) + 3.7 |
| 33401 (+3.2) + 0.4 |
| 33402 (+5.0) + 5.4 |

**STRIP #3**

| **KAKE, 1927** | **ALTO, 1927** |
| +1.8          | -2.1           |
| +0.1           | +0.5           |
KEKU STRAITS, ALASKA
PH - 6206
SHORELINE MAPPING
SCALE 1:10,000
SINGLE LENS PHOTO
SCALE 1:50,000

KEY TO TRANSLATION
1. PIN, 1965
2. KELA, 1965
3. BIZONEL, 1917
4. CART, 1927
5. KAKI, 1927
6. HAM, 1927
7. ASE, 1927
8. AHI, 1927
9. LUCK, 1927
10. LOK, 1927
11. ALLO, 1927
12. KEKU, 1927
13. CORN, 1925
14. GAIM, 1925
Notes to Compiler

The drill holes have been cleaned, however, it is suggested that due to the methods by which the plates have been transported the holes be reclinched. The method that we have found most practical has been to gently tap the area around the drill hole with scotch tape; this will remove any emulsion which may have fallen back into the holes.

The difference between the dates of the photography (M 65 E to E plates and W 61 and 62 Kelsh plates) as well as the scale difference (M 1:50,000 and the W 1:20,000) caused the pug operators a great amount of trouble, hence, it is advisable to have the Kelsh operators drop as many additional points to help control the surrounding models.

The Kelsh operators will also have some models that have only three points, this unfortunate condition could not be avoided.

There are areas within the project limits that cannot be delineated by using the Kelsh plotter; therefore, the M photography will have to be set in the E-G's. The methods by which the shoreline is to be delineated and the field ratio prints are to be furnished for hydro support will be up to the Compilation Office. Kelsh plates have been ordered to cover the whole area even though only 50 percent of the plates have been drilled. These plates may or may not be of any additional help to you, however, we have tried to furnish all the available material.

The following list indicates those Kelsh models that can be set:

61 W 9348 - 57
61 W 9401 - 05
61 W 9407 - 11
62 W 5480 - 88
62 W 5564 - 71

and the additional Kelsh plates furnished but not drilled:

62 W 5478 - 79
62 W 5491 - 97
62 W 5507 - 15
62 W 5560 - 63
The attached diagram shows (1) the areas that can be compiled with the Keish plotter, (2) the areas to be compiled either with the B-8 or graphically, and (3) the area within the project limits which cannot be compiled. This problem has been called to the attention of Mr. Heywood. This diagram should be used only as a reference diagram, the final project and control diagram will accompany the Photogrammetric Plot Report.
PHOTOGRAMMETRIC PLOT REPORT
Job PH-6206
Keku Straits, Alaska
June 1966

21. **Area Covered**

This report covers an area of Alaska in Saginaw Bay just south of the upper portion of Keku Straits and its confluence with Frederick Sound. This area will be compiled on five shoreline sheets, T-12188 thru T-12190 and T-12196 and T-12197.

22. **Methods**

Analytic aerotriangulation methods were used to bridge one strip of "M" photography at the scale of 1:50,000. The attached sketch shows the placement of the triangulation and the closures to this control.

23. **Adequacy of Control**

Horizontal control identified and required to adjust this strip meets minimum requirements in that we were unable to obtain a check of our work. An effort was made to tie this strip to previously drilled points; however, since the bridging plates have been destroyed and the points were not sketched, this effort proved fruitless.

24. **Supplemental Data**

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

25. **Photography**

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

Respectfully submitted:

Approved and Forwarded:  
George M. Hall
H. P. Eichert, Chief  
Aerotriangulation Section
PH - G206
KEKU
STRAITS
ALASKA
PHOTO SCALE
1: 50,000
* SUB STATION
USED IN FINAL
ADJUSTMENT
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR Y COORDINATE</th>
<th>LONGITUDE OR X COORDINATE</th>
<th>DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 FT. = 0.3048006 meter)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORN 1925</td>
<td>Vol. 1, p. 331</td>
<td>1927</td>
<td>55° 56'</td>
<td>11.021</td>
<td>340.9 (1515.1)</td>
</tr>
<tr>
<td></td>
<td>and 56134</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>P. 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BONE 1965</td>
<td>IBM Readout of final GP and PC</td>
<td></td>
<td>134° 17'</td>
<td>49.65516</td>
<td>840.3 (175.1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

COMPUTED BY  

CHB  
DATE  1/19/66 & 6/24/68  
CHECKED BY  DLD  
DATE  2/4/66
31. **DELINEATION**

   Graphic methods were used to delineate the entire sheet and the sheet is a preliminary.

32. **CONTROL (Sub pts. of Meade, Chew, and Bite would not hold)**

   Points cut in from ratio prints were adequate control for delineation. The southern part of this manuscript was done from a 1964 flight of photography and the control did not hold for this sheet. The control for manuscripts T-12189 and T-12197 was adequate and they were labeled Incomplete whereas T-12196 and the southern portion of T-12188 are preliminary. This area is to be rebridged in order to solve these control inaccuracies.

33. **SUPPLEMENTAL DATA**

   U.S.C.&GS Hydrographic Surveys, Register Nos. 2150 and 2152 date 1892.

34. **CONTOURS AND DRAINAGE**

   Inapplicable.

35. **SHORELINE AND ALONGSHORE DETAIL**

   The shoreline was delineated by office interpretation. The shallow line is also an approximate. Both are to be field inspected and verified by the hydrographic party.

36. **OFFSHORE DETAIL**

   The offshore detail is to be checked and verified by the hydrographic party.

37. **LANDMARKS AND AIDS**

   Appropriate copies of Form 567 have been forwarded to the Washington Office.
38. **CONTROL FOR FUTURE SURVEYS**

None.

39. **JUNCTIONS**

T-12188 junctions with T-12189 to the East and the project limits fall in the North, South, and West.

40. **HORIZONTAL AND VERTICAL ACCURACY**

No statement.

46. **COMPARISON WITH EXISTING MAPS**

A comparison has been made with U.S.G.S. quadrangle Port Alexander (D-1), Alaska, 1948.

47. **COMPARISON WITH NAUTICAL CHARTS**

A comparison has been made with U.S.C.G.S. Nautical Chart 8201 ETOLIN ISLAND to MIDWAY ISLAND including SUMMER STRAIT. The comparison was favorable.

**ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY**

None.

**ITEMS TO BE CARRIED FORWARD**

None.

Submitted:

Lowell O. Neterer, Jr.
Cartographic Technician

Approved for forwarding:

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

Approved:

Alfred C. Holmes, RADM, NOAA
Director, Atlantic Marine Center
ADDENDUM TO 32-CONTROL

The subsequent rebridging of this area resolved none of the initial horizontal control problems. An attempt to resolve the control deficiency resulted in several solutions, none of which would hold all drilled pass points and substitute stations within the models. The final result, holding most of the substitute points for BITE, CHED, and MEADE, and the drilled pass points nearest the shoreline was used.

The southern portion of this map manuscript is not believed to be within the required accuracy standards.
August 5, 1971

GEOGRAPHIC NAMES
FINAL NAME SHEET
PH-6206 (Alaska)

T-12188

Cool Lake
Cornwallis Point
Dean Creek
Frederick Sound
Kuiu Island
Ledge Lake
Saginaw Bay

Approved by:

A. Joseph Wright
Chief Geographer

Prepared by:

Frank W. Pickett
Cartographic Technician
49. NOTES FOR THE HYDROGRAPHER

Shoreline on this sheet was compiled from 1962 Photography (Prior to earthquake).

SUPPLEMENT TO
"NOTES FOR THE HYDROGRAPHER"

The southern portion of this sheet is "Preliminary". It is so marked in red on the field edit ozalid.

The shoreline on the south side of Saginaw Bay is believed to be in error. It is suggested that you locate hydrographic signal sites by the use of the processed cronapaque ratioed photographs only.

This Saginaw Bay area (south shore) is to be rebrided by the Aerotriangulation section in the near future, after which these discrepancies will be resolved.

Refer to "ADDITION TO 32-CONTROL" concerning this area.
**PHOTOGRAMMETRIC OFFICE REVIEW**

<table>
<thead>
<tr>
<th>Item</th>
<th>Title</th>
<th>Manuscript Numbers</th>
<th>Manuscript Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Projection and Grids</td>
<td>CHB</td>
<td>CHB</td>
</tr>
<tr>
<td>2.</td>
<td>Title</td>
<td>CORNWALLIS POINT</td>
<td>CHB</td>
</tr>
<tr>
<td>3.</td>
<td>Manuscript Numbers</td>
<td>CHB</td>
<td>CHB</td>
</tr>
</tbody>
</table>

**Control Stations**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.</td>
<td>Horizontal control stations of third-order or higher accuracy</td>
</tr>
</tbody>
</table>

**Survey Marks**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.</td>
<td>Bench marks</td>
</tr>
</tbody>
</table>

**Plotting of Sextant Fixes**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Photogrammetric Plot Report**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Alongshore Areas (Nautical Chart Date)**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.</td>
<td>Shoreline</td>
</tr>
<tr>
<td>13.</td>
<td>Low-water line</td>
</tr>
<tr>
<td>14.</td>
<td>Rocks, shoals, etc.</td>
</tr>
</tbody>
</table>

**Bridges**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Aids to Navigation**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Landmarks**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Other Alongshore Physical Features**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Other Alongshore Cultural Features**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Physical Features**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.</td>
<td>Water features</td>
</tr>
<tr>
<td>21.</td>
<td>Natural ground cover</td>
</tr>
</tbody>
</table>

**Tablet Contours**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>22.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Stereoscopic Instrument Contours**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>23.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Contours in General**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>24.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Spot Elevations**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>25.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Other Physical Features**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>26.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Cultural Features**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>27.</td>
<td>Roads</td>
</tr>
<tr>
<td>28.</td>
<td>Buildings</td>
</tr>
<tr>
<td>29.</td>
<td>Railroads</td>
</tr>
</tbody>
</table>

**Other Cultural Features**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Public Land Lines**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>32.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Miscellaneous**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>33.</td>
<td>Geographic names</td>
</tr>
<tr>
<td>34.</td>
<td>Junctions</td>
</tr>
</tbody>
</table>

**Legibility of the Manuscript**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>35.</td>
<td>None</td>
</tr>
</tbody>
</table>

**Reviewer**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>40.</td>
<td>Charles H. Bishop</td>
</tr>
</tbody>
</table>

**Supervisor**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>41.</td>
<td>Albert C. Rauck, Jr.</td>
</tr>
</tbody>
</table>

**Field Completion Additions and Corrections to the Manuscript**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>42.</td>
<td>Field Edits applied from: Field Edits ozalid &amp; Field Photo No. 65-M-2166.</td>
</tr>
</tbody>
</table>

**Compiler**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>43.</td>
<td>C.H. Bishop 06/07/68</td>
</tr>
</tbody>
</table>

**Supervisor**

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>44.</td>
<td>Albert C. Rauck, Jr.</td>
</tr>
</tbody>
</table>
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.
NONFLOATING AIDS OR LANDMARKS FOR CHARTS

Atlantic Marine Center June 3, 1968

I recommend that the following objects which have been inspected from seaward to determine their value as landmarks be charted on the charts indicated.

The positions given have been checked after listing by Charles J. Bishop

G. H. Bishop

Chief of Party

Director, AMC

<table>
<thead>
<tr>
<th>STATE</th>
<th>ALASKA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHARTING NAME</td>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>FREDERICK SOUND</td>
<td>(Cornwallis Point Light 1967)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SIGNAL NAME</th>
<th>LATITUDE*</th>
<th>LONGITUDE*</th>
<th>DATUM</th>
<th>METHOD OF LOCATION AND SURVEY No.</th>
<th>DATE OF LOCATION</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>GROUND SURVEY</td>
<td>56.23</td>
<td>18.11</td>
<td>N.A.</td>
<td>Triang</td>
<td>T-12168 1967</td>
<td>x 8201</td>
</tr>
</tbody>
</table>

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 re-determined, 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
GENERAL STATEMENT

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

COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Comparison was made with a copy of Registered survey No. 2152. This is a 1:20,000 scale survey made in 1892. The two surveys are not in good agreement.

Survey No. 2152 is now obsolete and is superseded by T-12188 for nautical chart construction purposes.

COMPARISON WITH MAPS OF OTHER AGENCIES

Comparison was made with USGS PORT ALEXANDER (D-1), ALASKA, 1:63,360 scale quadrangle, edition of 1948 with minor revisions in 1963. The two surveys are in good general agreement.

COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with copies of boat sheets H-8960 (PA10-1-67) and H-8961 (PA10-2-67). The source of the shoreline for these surveys were incomplete manuscripts. Some changes were made in the placement of the MHWL during field edit; therefore, the shoreline of the two surveys are not in agreement.

Special attention is called to Cornwallis Point Light. There is a discrepancy in the position of the light as plotted on boat sheet H-8961 and T-12188. The light was located by the field editor by ground survey methods and the position furnished by geographic position on the field edit ozalid. It was this position that was used to plot the aid on T-12188 by the compilation section.

All differences have been noted on the comparison print in purple.
65. **COMPARISON WITH NAUTICAL CHARTS**

Comparison was made with Chart 8214, 4th edition dated December 16, 1968. The two surveys are in good general agreement.

66. **ADEQUACY OF RESULTS AND FUTURE SURVEYS**

Survey T-12188 is adequate for nautical chart construction purposes.

Reviewed by:

[Signature]
Leo F. Bouguet
Cartographer

Approved for forwarding:

[Signature]
Melvin J. Umbach, CDR, NOAA
Chief, Photogrammetry Division, AMC

Approved:

[Signature]
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-5041 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 ozalids 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
Cartographer
January 1973
Hydro conflict with ledge
ledge clearly visible photo
62 W 5478

CORN 1925
Cornwallis Point
CORNALLIS POINT LIGHT 1967

KUIU ISLAND

Cliff H. = 35 ft. R.R.

Shoreline in purple from
H-8981

56°56′30″

62 W 5478

T-12188