<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>SHORELINE (PHOTOGRAHMETRIC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No.</td>
<td>Office No. T-12187</td>
</tr>
</tbody>
</table>

**LOCALITY**

<table>
<thead>
<tr>
<th>State</th>
<th>Alaska</th>
</tr>
</thead>
<tbody>
<tr>
<td>General locality</td>
<td>Keku Strait</td>
</tr>
<tr>
<td>Locality</td>
<td>Portage Pass</td>
</tr>
</tbody>
</table>

**1962-1969**

**CHIEF OF PARTY**

Alfred C. Holmes, Director, AMC

**LIBRARY & ARCHIVES**

**DATE**
MAP NOT INSPECTED IN QUALITY CONTROL PRIOR TO REGISTRATION
### DESCRIPTIVE REPORT - DATA RECORD

**T - 12187**

<table>
<thead>
<tr>
<th>PROJECT NO. (iii):</th>
<th>PH-6206</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIELD OFFICE (iii):</td>
<td></td>
</tr>
<tr>
<td>PHOTOGRAMMETRIC OFFICE (iii):</td>
<td>Atlantic Marine Center Norfolk, Virginia</td>
</tr>
<tr>
<td>CHIEF OF PARTY</td>
<td></td>
</tr>
<tr>
<td>OFFICER-IN-CHARGE</td>
<td>Alfred C. Holmes, RADM, NOAA Director, AMC</td>
</tr>
</tbody>
</table>

**INSTRUCTIONS DATED (iii) (iii):**
- January 18, 1965 - OFFICE
- August 1, 1966 - AMENDMENT II
- November 26, 1965 - OFFICE SUPPLEMENT I
- March 18, 1966 - OFFICE AMENDMENT I
- May 11, 1965 - FIELD
- June 14, 1965 - FIELD

**METHOD OF COMPILATION (iii):**
- Wild B-8

**ANUNSCRIPT SCALE (iii):**
- 1:10,000

**STEREOSCOPIC PLOTTING INSTRUMENT SCALE (iii):**
- 1:8,333

**DATE RECEIVED IN WASHINGTON OFFICE (iv):**

**DATE REPORTED TO NAUTICAL CHART BRANCH (iv):**

**APPLIED TO CHART NO.:**

**DATE REGISTERED (iv):**
- Sept. 4, 1976

**GEOGRAPHIC DATUM (iii):**
- N.A. 1927

**REFERENCE STATION (iii):**
- CAN 1927

**VERTICAL DATUM (iii):**
- MHW

**ELEVATIONS SHOWN AS (23) REFER TO MEAN HIGH WATER**

**ELEVATIONS SHOWN AS (4) REFER TO SOUNDING DATUM**

**I.E.:**
- \( \text{MHW} \) means mean lower low water

**PLANE COORDINATES (iv):**
- \( 1,871.930 \text{ ft} \)
- \( x = 2,637.541.12 \text{ ft} \)
- **STATE: Alaska**
- **ZONE: 1**

**ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (ii) FIELD PARTY, (iii) PHOTOGRAMMETRIC OFFICE, OR (iv) WASHINGTON OFFICE. WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.**
# Descriptive Report - Data Record

## T-12187

### Field Inspection by (III):

<table>
<thead>
<tr>
<th>None</th>
</tr>
</thead>
</table>

### Mean High Water Location (III) (State Date and Method of Location):

16 June 1962 and 29 July 1965

**Air Photo Compilation**

### Projection and Grids Ruled by (IV):

| A. E. Roundtree | 11-04-65 |

### Projection and Grids Checked by (IV):

| R. S. Kornspan | 11-04-65 |

### Control Plotted by (III):

| R. Smith | 01-12-66 |

### Control Checked by (III):

| G. H. Bishop | 01-12-66 |

### Radial Plot or Stereoscopic Control Extension by (III):

| G. M. Ball | 11-04-65 |

### Stereoscopic Instrument Compilation (III):

**Planimetry**

| L. O. Neterer | 03-01-66 |

**Reviewed By:**

| Inapplicable |  |

### Manuscript Delineated by (III):

| L. O. Neterer | 04-11-66 |

### Scribing by (III):

| J. R. Hinton | 01-22-69 |

### Photogrammetric Office Review by (III):

| Compilation: C.H. Bishop & L.L. Graviss |
| Field Edit: C.H. Bishop |
| Scribing & Stick-Up: F.P. Margiotta |

### March 1966 |

Jan. 1969 |

### Remarks:

**Field Edit by**

| Ship Patton | June 1968 |

---
### DESCRIBITVE REPORT - DATA RECORD

**T-12187**

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

Wild RC-9, and Wild RC-8, "M" and "W"

**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>65 M 228 and 229</td>
<td>29 July 1965</td>
<td>08:15 PST</td>
<td>1:50,000</td>
<td>(From predicted tables) -4.4 feet below MLLW</td>
</tr>
<tr>
<td>62 W 5569 and 5570</td>
<td>16 June 1962</td>
<td>09:57 PST</td>
<td>1:20,000</td>
<td>5.8 feet above MLLW</td>
</tr>
</tbody>
</table>

**TIDE (III) (PREDICTED):**

<table>
<thead>
<tr>
<th>REFERENCE STATION:</th>
<th>Ketchikan</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13.0</td>
</tr>
<tr>
<td></td>
<td>15.1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUBORDINATE STATION:</th>
<th>Kake, Keku Strait</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>11.7</td>
</tr>
<tr>
<td></td>
<td>14.0</td>
</tr>
</tbody>
</table>

**WASHINGTON OFFICE REVIEW BY (IV):**

Leo F. Bagnall, AMC

**DATE:**

October, 1971

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

2

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

0

**REMARKS:**

-
<table>
<thead>
<tr>
<th>Event Description</th>
<th>Completion Date</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alongshore area for hydrography.</td>
<td>March 1966</td>
<td>Superseded</td>
</tr>
<tr>
<td>Field edit applied</td>
<td>Jan. 1969</td>
<td>Superseded</td>
</tr>
<tr>
<td><strong>Final Review</strong></td>
<td><strong>Oct. 1971</strong></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-12187

Shoreline survey T-12187 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 Wild B-8 plotter methods using the photography of 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 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 October 1971. One cronaflex positive and a negative of the final reviewed survey are forwarded for record and registry.
FIELD INSPECTION REPORT
PH-6206
T-12187

There was no field inspection prior to compilation.
Photogrammetric Plot Report
Project 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

Analytic aerotriangulation methods were used to bridge four strips of "N" 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) 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) KIKAU, 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 U.S.G.S. quads were used to obtain elevations required for the final adjustment.
25. Photography

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

Respectfully submitted:

George M. Ball

Approved and forwarded:

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  
(-0.5  -0.4)
S.S. 1927  

STRIP #3 cont.  

HAM, 1927  
(+2.3  -0.9)
AGE, 1927  
(+3.4  +3.1)
AMY, 1927  
S.S. (-0.6  -0.9)

STRIP #4  

GHAV, 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 (+0.3  -0.2)
76401 (+3.1  +3.2)
76402 (+6.7  +5.4)

TIES TO STRIP #3  

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 (+3.0  +9.1)
29401 (+3.4  -2.4)
29401 (+5.0  -0.7)
29402 (+5.5  +6.0)
29402 (+3.2  +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)
KEKU STRAITS, ALASKA
PH - 6206

SHORELINE MAPPING
SCALE 1:10,000

SINGLE LENS PHOTO.
SCALE 1:50,000

KEY TO TRANSLATION
1. PINT, 1965
2. KELP, 1965
3. BENDZEL, 1917
4. CARY, 1927
5. KAKE, 1927
6. HUNK, 1927
7. ARU, 1927
8. RY, 1927
9. LUCK, 1927
10. LOW, 1987
11. ALTO, 1927
12. KAKU, 1927
13. HUK, 1925
14. GINAI, 1965
<table>
<thead>
<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION</th>
<th>DATUM</th>
<th>LATITUDE OR ( y )-COORDINATE</th>
<th>LONGITUDE OR ( x )-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS</th>
<th>DATUM CONNECTION</th>
<th>N.A. 1927-DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
<th>FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN 1927</td>
<td>Vol. II p 324</td>
<td>NA. 1927</td>
<td>56 57 28.711</td>
<td>133 54 27.579</td>
<td>888.1 ( 7 ) (967.9) ( 5 ) and 446.3 ( 7 ) (547.7) ( 9 )</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1927</td>
<td></td>
<td>56/133 p 5</td>
<td>1 871 930.</td>
<td>2 637 541.12</td>
<td>1 930 ( 7 ) (3 070) ( 3 ) and 2 541.1 ( 7 ) (2 458.9) ( 9 )</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAROL 1962</td>
<td>Vol. 3 p 1028</td>
<td>11</td>
<td>56 57 00.554</td>
<td>135 54 00.193</td>
<td>17.1 ( 7 ) (1836.9) ( 9 ) and 53 ( 7 ) (1011.0) ( 9 )</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JEAN 1962</td>
<td>Vol. 5 p 1026</td>
<td>11</td>
<td>56 56 32.059</td>
<td>133 53 23.175</td>
<td>991.7 ( 8 ) (8643) ( 9 ) and 391.8 ( 6 ) (622.7) ( 9 )</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IRENE 1962</td>
<td>Vol. 5 p 1026</td>
<td>11</td>
<td>56 56 37.342</td>
<td>133 54 37.342</td>
<td>1 551 ( 7 ) (300.9) ( 5 ) and 508.2 ( 7 ) (502.3) ( 9 )</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 ft = 0.304808 meter

COMPUTED BY: CHB
DATE: 1-17-66
CHECKED BY: B J Berge
DATE: 1-7-69
COMPILATION REPORT
T-12187
PH-6206

31. **DELINEATION:**

The wild B-8 stereo plotter was used. Ratios of both the 1962 W and 1965 M photography were furnished and common points were chosen where they could be found.

32. **CONTROL:**


33. **SUPPLEMENTAL DATA:**

None.

34. **CONTOURS AND DRAINAGE:**

Contours are inapplicable. No drainage was delineated.

35. **SHORELINE AND ALONGSHORE DETAILS:**

The mean high waterline, ledge, and shallow areas, and cultural features were delineated from office interpretation of the photographs.

36. **OFFSHORE DETAIL:**

All rocks, islands and reef areas were delineated from office interpretation of the photographs.
37. **LANDMARKS AND AIDS:**

   Appropriate copies of Forms 567 for two fixed aids to navigation have been forwarded to the Washington Office.

38. **CONTROL FOR FUTURE SURVEYS:**

   None.

39. **JUNCTIONS:**

   Junctions are in agreement with T-12186 to the west and T-12193 to the south. There are no contemporary surveys to the north or east.

40. **HORIZONTAL AND VERTICAL ACCURACY:**

   No statement.

46. **COMPARISON WITH EXISTING MAPS:**

   A favorable comparison has been made with USGS Quadrangle PETERSBURG (D-6), ALASKA, scale 1:63,360, dated 1951.

47. **COMPARISON WITH NAUTICAL CHARTS:**

   Comparison has been made with Chart 8201, ETOLIN ISLAND to MIDWAY ISLANDS, scale 1:217, 828, 11th edition, revised 7/20/64.
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Arnold L. Shands
Cartographic Technician

Approved for forwarding:

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

Approved:

Alfred C. Holmes, RADM, NOAA
Director, Atlantic Marine Center
October 20, 1971

GEOGRAPHIC NAMES
FINAL NAME SHEET

PH-6206

T-12187

Hamilton Island
Kupreanof Island
Portage Pass

Approved by:
A. Joseph Wraight
Chief Geographer

Prepared by:
Frank W. Pickett
Cartographic Technician
NOTES FOR THE HYDROGRAPHER

Foul, shoal and reef areas shown on this sheet were determined by office inspection 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 that is shown does not exist, this fact should be noted on the discrepancy print.

Specific items to be investigated are noted on the discrepancy print.
## PHOTOMETRIC 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>CHB</td>
<td>CHB</td>
</tr>
<tr>
<td>3.</td>
<td>MANUSCRIPT NUMBERS</td>
<td>CHB</td>
<td>CHB</td>
</tr>
<tr>
<td>4.</td>
<td>MANUSCRIPT SIZE</td>
<td>CHB</td>
<td>CHB</td>
</tr>
</tbody>
</table>

## CONTROL STATIONS

<table>
<thead>
<tr>
<th>Item</th>
<th>Title</th>
<th>Manuscript Numbers</th>
<th>Manuscript Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.</td>
<td>HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY</td>
<td>CHB</td>
<td>CHB</td>
</tr>
<tr>
<td>6.</td>
<td>RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations)</td>
<td>CHB</td>
<td>CHB</td>
</tr>
<tr>
<td>7.</td>
<td>PHOTO HYDRO STATIONS</td>
<td>XX</td>
<td></td>
</tr>
</tbody>
</table>

## BENCH MARKS

<table>
<thead>
<tr>
<th>Item</th>
<th>Title</th>
<th>Manuscript Numbers</th>
<th>Manuscript Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.</td>
<td>BENCH MARKS</td>
<td>XX</td>
<td></td>
</tr>
<tr>
<td>9.</td>
<td>PLOTTING OF SEXTANT FIXES</td>
<td>CHB</td>
<td></td>
</tr>
<tr>
<td>10.</td>
<td>PHOTOGRAMMETRIC PLOT REPORT</td>
<td>Bridge (W.O)</td>
<td></td>
</tr>
<tr>
<td>11.</td>
<td>DETAIL POINTS</td>
<td>Wild B-8</td>
<td></td>
</tr>
</tbody>
</table>

## ALONGSHORE AREAS (Nautical Chart Data)

<table>
<thead>
<tr>
<th>Item</th>
<th>Title</th>
<th>Manuscript Numbers</th>
<th>Manuscript Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.</td>
<td>SHORELINE</td>
<td>CHB</td>
<td>XX</td>
</tr>
<tr>
<td>13.</td>
<td>LOW-WATER LINE</td>
<td>XX</td>
<td></td>
</tr>
<tr>
<td>14.</td>
<td>ROCKS, SHOALS, ETC.</td>
<td>CHB</td>
<td></td>
</tr>
<tr>
<td>15.</td>
<td>BRIDGES</td>
<td>XX</td>
<td></td>
</tr>
<tr>
<td>16.</td>
<td>AIDS TO NAVIGATION</td>
<td>CHB</td>
<td></td>
</tr>
<tr>
<td>17.</td>
<td>LANDMARKS</td>
<td>XX</td>
<td></td>
</tr>
<tr>
<td>18.</td>
<td>OTHER ALONGSHORE PHYSICAL FEATURES</td>
<td>CHB</td>
<td>XX</td>
</tr>
<tr>
<td>19.</td>
<td>OTHER ALONGSHORE CULTURAL FEATURES</td>
<td>CHB</td>
<td>XX</td>
</tr>
</tbody>
</table>

## PHYSICAL FEATURES

<table>
<thead>
<tr>
<th>Item</th>
<th>Title</th>
<th>Manuscript Numbers</th>
<th>Manuscript Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.</td>
<td>WATER FEATURES</td>
<td>CHB</td>
<td>XX</td>
</tr>
<tr>
<td>21.</td>
<td>NATURAL GROUND COVER</td>
<td>XX</td>
<td></td>
</tr>
<tr>
<td>22.</td>
<td>PLANETARY CONTOURS</td>
<td>XX</td>
<td></td>
</tr>
<tr>
<td>23.</td>
<td>STEREOSCOPIC INSTRUMENT CONTOURS</td>
<td>XX</td>
<td></td>
</tr>
<tr>
<td>24.</td>
<td>CONTOURS IN GENERAL</td>
<td>XX</td>
<td></td>
</tr>
<tr>
<td>25.</td>
<td>SPOT ELEVATIONS</td>
<td>XX</td>
<td></td>
</tr>
<tr>
<td>26.</td>
<td>OTHER PHYSICAL FEATURES</td>
<td>XX</td>
<td></td>
</tr>
</tbody>
</table>

## CULTURAL FEATURES

<table>
<thead>
<tr>
<th>Item</th>
<th>Title</th>
<th>Manuscript Numbers</th>
<th>Manuscript Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>27.</td>
<td>ROADS</td>
<td>XX</td>
<td></td>
</tr>
<tr>
<td>28.</td>
<td>BUILDINGS</td>
<td>CHB</td>
<td>XX</td>
</tr>
<tr>
<td>29.</td>
<td>RAILROADS</td>
<td>XX</td>
<td></td>
</tr>
<tr>
<td>30.</td>
<td>OTHER CULTURAL FEATURES</td>
<td>XX</td>
<td></td>
</tr>
</tbody>
</table>

## BOUNDARIES

<table>
<thead>
<tr>
<th>Item</th>
<th>Title</th>
<th>Manuscript Numbers</th>
<th>Manuscript Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.</td>
<td>BOUNDARY LINES</td>
<td>XX</td>
<td></td>
</tr>
<tr>
<td>32.</td>
<td>PUBLIC LAND LINES</td>
<td>XX</td>
<td></td>
</tr>
</tbody>
</table>

## MISCELLANEOUS

<table>
<thead>
<tr>
<th>Item</th>
<th>Title</th>
<th>Manuscript Numbers</th>
<th>Manuscript Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>33.</td>
<td>GEOGRAPHIC NAMES</td>
<td>CHB</td>
<td></td>
</tr>
<tr>
<td>34.</td>
<td>JUNCTIONS</td>
<td>CHB</td>
<td></td>
</tr>
<tr>
<td>35.</td>
<td>LEGIBILITY OF THE MANUSCRIPT</td>
<td>CHB</td>
<td>XX</td>
</tr>
</tbody>
</table>

## REVIEW

**Reviewer:**

C.H. Bishop

 Supervisor, Review Section or Unit:

Albert C. Rauck, Jr.

**FORM**

C&GS-1002

**U.S. DEPARTMENT OF COMMERCE**

**COAST AND GEODETIC SURVEY**

**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**

A.L. Shands Jan. 1969

**SUPERVISOR**

Albert C. Rauck, Jr.

**REV. BY**

C.H. Bishop Jan. 1969

**Albert C. Rauck, Jr.**

**REMARKS**

Field edit applied from Field edit ozalid & Field photos No. 65M 229.
T-12187

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.
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

A. L. Shands
Director, AMC

<table>
<thead>
<tr>
<th>STATE</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>CHARTING NAME</th>
<th>DESCRIPTION</th>
<th>SIGNAL NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>PORTAGE BAY</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<p>| | LATITUDE° | LONGITUDE° | Datum |</p>
<table>
<thead>
<tr>
<th></th>
<th>M</th>
<th>D.P. Meters</th>
<th>M</th>
<th>D.P. Meters</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>56</td>
<td>57</td>
<td>04.14</td>
<td>128°</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LIGHT 5</th>
<th></th>
<th></th>
</tr>
</thead>
</table>

<p>| | LATITUDE° | LONGITUDE° | Datum |</p>
<table>
<thead>
<tr>
<th></th>
<th>M</th>
<th>D.P. Meters</th>
<th>M</th>
<th>D.P. Meters</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>56</td>
<td>56</td>
<td>11.81</td>
<td>133 53</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 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

C. L. Shands
Allen L. Powell
Chief of Party
REVIEW REPORT T-12187
SHORELINE
OCTOBER 21, 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 survey T-7110, HO-A-62, 1:5,000 scale dated August 1962. This was a planetable survey to establish control for visual hydrography. It is superseded by T-12187 for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A visual comparison was made with USGS PETERSBURG (D-6), ALASKA, 1:63,360 scale quadrangle, dated 1951 with minor revisions made in 1963. The two surveys appear to be in good general agreement.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Comparison was made with copies of H-8658 (HO-05-1-62) and H-9039 (DA 10-3-68). It appears that incomplete manuscript T-12187 was the source for some of the rocks shown on the boat sheets. Some of these rocks were not verified by either the field editor or the hydrographer. Some rocks were disproved by soundings and have been removed by the final reviewer.

65. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with the PORTAGE BAY inset of chart 8201, 16th edition, dated November 7, 1970. The boat sheet appears to have been the source for some of the rocks on the inset as they were not shown on the 11th edition dated March 4, 1963, revised July 20, 1964. (See item 64 above).
66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This survey complies with instructions and meets the National Standard of Map Accuracy.

Reviewed by:

Leo F. Beugnet
Cartographer

Approved for forwarding:

Kelvin J. Ushack, CDR, NOAA
Chief, Photogrammetry Division

Approved:

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

Approved:

Chief, Photogrammetric Branch    Chief, Coastal Mapping Division
ADDITIONAL 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 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