NOAA FORM 76-35
(6-80)
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

DESCRIPTIVE REPORT
Partially Field Edited Map

Map No.  
TP-00303

Edition No.  
One

Job No.  
PH-7017

Map Classification  
Final Class III (Partial Field Edit)

Type of Survey  
Shoreline

LOCALITY

State  
Alaska

General Locality  
Afognak and Kodiak Islands

Locality  
Kazakof Bay

1971 TO 19

REGISTERED IN ARCHIVES

DATE
# DESCRIPTIVE REPORT

**TP-00303**

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</table>
NOAA FORM 76-36A
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

PHOTOGRAMMETRIC OFFICE
Atlantic Marine Center
Norfolk, Virginia
OFFICER-IN-CHARGE
Roy K. Matsushige, Cdr., NOAA

I. INSTRUCTIONS DATED

1. OFFICE

Aerotriangulation Instr. Nov. 19, 1971
Office Instr. Apr. 17, 1972
Office Instr., Supplement 1 May 11, 1973
Office Instr., Amendment 1 Not Dated

2. FIELD

Field Support Instr. May 03, 1971

II. DATUMS

1. HORIZONTAL:

1927 NORTH AMERICAN

2. VERTICAL:

MEAN HIGH-WATER
MEAN LOW-WATER
MEAN LOWER LOW-WATER
MEAN SEA LEVEL

III. HISTORY OF OFFICE OPERATIONS

<table>
<thead>
<tr>
<th>OPERATIONS</th>
<th>METHOD:</th>
<th>LANDMARKS AND AIDS BY</th>
<th>NAME</th>
<th>DATE</th>
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</thead>
<tbody>
<tr>
<td>1. AEROTRIANGULATION</td>
<td>Analytic</td>
<td></td>
<td>R. B. Kelly</td>
<td>May 1973</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>2. CONTROL AND BRIDGE POINTS</td>
<td>Coradomat</td>
<td></td>
<td>Allen</td>
<td>May 1973</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Allen</td>
<td>May 1973</td>
</tr>
<tr>
<td>3. STEREOSCOPIC INSTRUMENT</td>
<td></td>
<td></td>
<td>L. Williams</td>
<td>Aug. 1980</td>
</tr>
<tr>
<td>COMPI-LATION</td>
<td></td>
<td></td>
<td>D. Butler, R. Kravitz</td>
<td>Aug. 1980</td>
</tr>
<tr>
<td>4. MANUSCRIPT DELINEATION</td>
<td></td>
<td></td>
<td>L. Williams</td>
<td>Sept. 1980</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>D. Butler</td>
<td>Sept. 1980</td>
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<td></td>
<td></td>
<td>L. Williams</td>
<td>Sept. 1980</td>
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<tr>
<td>EDIT</td>
<td></td>
<td></td>
<td>D. Butler</td>
<td>Sept. 1980</td>
</tr>
<tr>
<td>6. APPLICATION OF FIELD EDIT DATA</td>
<td></td>
<td></td>
<td>R. Mueller</td>
<td>June 1982</td>
</tr>
<tr>
<td>(Partial) CHECKED BY</td>
<td></td>
<td></td>
<td>D. Butler</td>
<td>Nov. 1982</td>
</tr>
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<td>7. COMPILATION SECTION REVIEW</td>
<td></td>
<td></td>
<td>D. Butler</td>
<td>Feb. 1986</td>
</tr>
<tr>
<td>8. FINAL REVIEW</td>
<td></td>
<td></td>
<td>J. Massey</td>
<td>Jan. 1987</td>
</tr>
<tr>
<td>9. DATA FORWARD ED TO PHOTOGRAPHIC</td>
<td></td>
<td></td>
<td>L. Williams</td>
<td>Sept. 1980</td>
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<td>BRANCH</td>
<td></td>
<td></td>
<td>D. Butler</td>
<td>Sept. 1980</td>
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<tr>
<td>10. DATA EXAMINED IN PHOTOGRAPHIC</td>
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<td>R. Mueller</td>
<td>June 1982</td>
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<td>BRANCH</td>
<td></td>
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<td>D. Butler</td>
<td>Nov. 1982</td>
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<tr>
<td>11. MAP REGISTERED - COASTAL SURVEY</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>SECTION</td>
<td></td>
<td></td>
<td>J. Massey</td>
<td>Jan. 1987</td>
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= U.S. G.P.O. 1972-769382/582 REG.#6
### 1. Compilation Photography

<table>
<thead>
<tr>
<th>Camera(s)</th>
<th>Type</th>
<th>Date</th>
<th>Time</th>
<th>Scale</th>
<th>Stage of Tide</th>
</tr>
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<tbody>
<tr>
<td>Wild RC-8 &quot;E&quot; (152.71mm FL)</td>
<td>07/10/71</td>
<td>08:55</td>
<td>1:20,000</td>
<td>2.2 ft. Below MLLW</td>
<td></td>
</tr>
<tr>
<td>Wild RC-9 &quot;M&quot; (88.20mm FL)</td>
<td>07/04/71</td>
<td>12:45</td>
<td>1:20,000</td>
<td>5.0 ft. Above MLLW</td>
<td></td>
</tr>
<tr>
<td>* 71 E (C) 6624-6625</td>
<td>07/04/71</td>
<td>13:40</td>
<td>1:20,000</td>
<td>4.3 ft. Above MLLW</td>
<td></td>
</tr>
<tr>
<td>* 71 E (C) 6001-6003</td>
<td>07/04/71</td>
<td>13:15</td>
<td>1:20,000</td>
<td>4.7 ft. Above MLLW</td>
<td></td>
</tr>
<tr>
<td>* 71 E (C) 6089-6094</td>
<td>07/04/71</td>
<td>11:08</td>
<td>1:60,000</td>
<td>6.6 ft. Above MLLW</td>
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<tr>
<td>** 71 M (P) 201-204</td>
<td>07/04/71</td>
<td>11:08</td>
<td>1:60,000</td>
<td>6.6 ft. Above MLLW</td>
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</tr>
</tbody>
</table>

**Remarks:**
- * Denotes those photographs that were used to prepare hydro support data.
- ** Denotes the Compilation Photography Mean High Water = 8.7 ft.

### 2. Source of Mean High-Water Line:

The mean high water line was compiled from the above listed compilation photography.

### 3. Source of Mean Lower Low-Water Line:

No mean lower low water line was compiled.

### 4. Contemporary Hydrographic Surveys

(List only those surveys that are sources for photogrammetric survey information.)

<table>
<thead>
<tr>
<th>Survey Number</th>
<th>Date(s)</th>
<th>Survey Copy Used</th>
<th>Survey Number</th>
<th>Date(s)</th>
<th>Survey Copy Used</th>
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### 5. Final Juncions

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<th>South &amp; West</th>
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<tr>
<td>TP-00297</td>
<td>No-Survey</td>
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<tr>
<td>No Survey</td>
<td>TP-00302</td>
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**Remarks**
# History of Field Operations

## 1. Field Operation

<table>
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<tr>
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<th>Name</th>
<th>Date</th>
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</thead>
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<tr>
<td>Chief of Field Party</td>
<td>R. F. Lanier</td>
<td>June 1971</td>
</tr>
<tr>
<td>Horizontal Control</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Vertical Control</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Landmarks and Aids to Navigation</td>
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## II. Source Data

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<tr>
<td>Station Name</td>
<td>Station Designation</td>
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<td></td>
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## III. Supplemental Maps and Plans

None

## IV. Other Field Records (Sketch books, etc. Do not list data submitted to the Geodesy Division)

None
### HISTORY OF FIELD OPERATIONS

<table>
<thead>
<tr>
<th>OPERATION</th>
<th>NAME</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. CHIEF OF FIELD PARTY</td>
<td>N. C. Austin, CDR, NOAA</td>
<td>July 1981</td>
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<tr>
<td>2. HORIZONTAL CONTROL</td>
<td>S. J. Konrad, LTJG, NOAA</td>
<td>July 1981</td>
</tr>
<tr>
<td>3. VERTICAL CONTROL</td>
<td>S. J. Konrad, LTJG, NOAA</td>
<td>July 1981</td>
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<td>4. LANDMARKS AND AIDS TO NAVIGATION</td>
<td>Recovered (Triangulation Stations) by</td>
<td>None</td>
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<tr>
<td>5. GEOGRAPHIC NAMES INVESTIGATION</td>
<td>Recovered (Field Methods) by</td>
<td>None</td>
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<tr>
<td>6. PHOTO INSPECTION</td>
<td>S. J. Konrad, LTJG, NOAA</td>
<td>July 1981</td>
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#### II. SOURCE DATA

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<th>1. HORIZONTAL CONTROL IDENTIFIED</th>
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<td>None</td>
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#### III. PHOTO NUMBERS

- 71 E(C)6090 - 6094, 71 E(C)6152

#### IV. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

#### V. GEOGRAPHIC NAMES

- Report
- None

#### VI. BOUNDARY AND LIMITS

- Report
- None

#### VII. SUPPLEMENTAL MAPS AND PLANS

None

#### VIII. OTHER FIELD RECORDS

- One original Field Edit Report
- One Field Edit Ozalid
- One Sounding Volume for TP-00303
## I. MANUSCRIPT COPIES

<table>
<thead>
<tr>
<th>Compilation Stages</th>
<th>Date</th>
<th>Remarks</th>
<th>Marine Charts</th>
<th>Hydro Support</th>
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<tr>
<td>pending field edit</td>
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<td>June 29, 1982</td>
<td>Class III manuscript</td>
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<td>Nov. 9, 1982</td>
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## II. LANDMARKS AND AIDS TO NAVIGATION

### 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

<table>
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<tr>
<th>Number</th>
<th>Chart Letter</th>
<th>Date Forwarded</th>
<th>Remarks</th>
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</table>

### 2. REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: None

### 3. REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: None

## III. FEDERAL RECORDS CENTER DATA

1. Bridging Photographs; Duplicate Bridging Report; Computer Readouts.
2. Control Station Identification Cards; Form NOS 305 submitted by field parties.
3. Source Data (except for Geographic Names Report) as listed in Section II, NOAA Form 76-36C.

## IV. SURVEY EDITIONS

<table>
<thead>
<tr>
<th>Second Edition</th>
<th>Survey Number</th>
<th>Job Number</th>
<th>Type of Survey</th>
<th>Map Class</th>
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<tbody>
<tr>
<td>TP - (2)</td>
<td></td>
<td></td>
<td>Revised</td>
<td>III.</td>
</tr>
<tr>
<td>Date of Photography</td>
<td>Date of Field Edit</td>
<td></td>
<td>Resurvey</td>
<td>V.</td>
</tr>
<tr>
<td>Third Edition</td>
<td>Survey Number</td>
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<td>Date of Field Edit</td>
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<td>Resurvey</td>
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<td>Fourth Edition</td>
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<td>Date of Field Edit</td>
<td></td>
<td>Resurvey</td>
<td>V.</td>
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SUMMARY

Project PH-7017, Afognak and Kodiak Islands, Alaska, consists of 33 maps. Seven, TP-00284 through TP-00290, are at 1:10,000 scale and 26, TP-00291 through TP-00316, are at 1:20,000 scale. The project area is the northwestern coast line of Kodiak and Afognak Islands and their interface with Shelikof Strait. The project extends from Big Bay in the northeast to Cape Ugat in the southwest. The photogrammetric survey depicts the shoreline and other cartographic features of mapping interest in the coastal areas and navigable waterways bisecting the islands.

The purpose of the project was to provide shoreline data for maintenance of the Nautical Charting Program and in support of hydrographic survey operations planned for the area.

Field operations consisted of recovery, establishment, and identification (premarking) of horizontal control necessary for aerotriangulation. No field inspection was conducted for this project. Panchromatic photographs required for aerotriangulation of the entire project area and subsequent compilation of the 1:20,000-scale maps were obtained with the RC-9 "M" camera at 1:60,000 scale. Supplemental color photographs at 1:20,000 scale were acquired for those areas to be mapped at 1:20,000 scale using the RC-8 "E" camera. Areas to be mapped at 1:10,000 scale were covered by 1:30,000-scale color compilation photographs also obtained with the RC-8 "E" camera. The 1:30,000-scale compilation photographs were controlled by aerotriangulated points derived from the 1:60,000-scale panchromatic photographs. All calculations pertaining to the vertical relationship of the photographs to the datums, mean lower low water and mean high water, were derived from predicted tidal information.

A field edit was performed by personnel of the Pacific Marine Center's hydrographic survey vessels, while conducting hydrographic survey operations in selected areas. These field edits, occurring over four field seasons, were limited to the boundaries of the hydrographic surveys, thereby creating numerous partially field edited maps. Field edits occurred during the 1972, 1973, 1977, and 1981 field seasons.
The aerotriangulation of the project was divided into two phases (Part I and II), in order to expedite the delivery of photogrammetric map data in support of hydrographic survey operations. Eighteen strips of photographs were bridged using analytic aerotriangulation methods. Horizontal control used was field identified (premarked). Vertical control was taken from U. S. Geological Survey quadrangles. Aerotriangulated control proved adequate and meets the requirements of the National Standards of Map Accuracy.

Compilation was performed in the Coastal Mapping Section, Atlantic Marine Center, Norfolk, Virginia. Delineation was accomplished using a Wild B-8 stereoplotter through application of standard shoreline mapping techniques. This was supplemented by graphic compilation techniques in selected areas. Delineation was based on an office interpretation of the 1:60,000 scale panchromatic, and 1:20,000- and 1:30,000-scale natural color, photographs. All line work on the base maps was smooth drafted. In areas where the stage of tide for individual photographs, based on predictions, was determined to be within the required 1 foot of the vertical datum mean lower low water, the approximate datum was delineated on the map using graphic compilation techniques.

Final review was performed in the Coastal Mapping Unit, Rockville Maryland, office. The base maps and associated data of this project meet the requirements of the National Standards of Map Accuracy. The base maps and reports comply with the project instructions.

The Descriptive Reports prepared for each map contain all the information pertaining to the completion of each map.
FIELD INSPECTION
TP-00303

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal control necessary for the aerotriangulation of the project.
PHOTOGRAMMETRIC PLOT REPORT
AFognak Island, Alaska, Part II
Job Phi-7017
May 1973

21. AREA COVERED

This report covers sheets TP-00296 thru TP-00316 on Afognak Island, Alaska, at 1:20,000 scale.

22. METHOD

Ten strips of photography were bridged by analytic aerotriangulation methods and adjusted to ground on the Alaska State Plane Coordinate System, Zone 5. The ten strips were also adjusted as a block. The attached sketch shows the placement of horizontal control. A list of closures to control is part of this report. Ties with Part I to the north was made by using five common control stations. Data for plotting manuscripts for compilation were assembled for ruling and plotting by the Coradomat. For the 1:20,000 scale maps, ratio prints of the bridging photography were ordered. (One each of cronapque and matte).

23. ADEQUACY OF CONTROL

All control was adequate and held well within the accuracy required by National Standards of Maps at 1:20,000 scale.

24. SUPPLEMENTAL DATA

US Geological Survey quadrangles were used to provide elevations for vertical adjustments of bridges.

25. PHOTOGRAPHY

RC-9 black and white film positives were adequate as to coverage, overlay, and definition.

Submitted by,

Robert B. Kelly

Approved and forwarded:

John D. Perrow, Jr.
Chief, Aerotriangulation Section
## CLOSURES TO CONTROL ( BLOCK ADJUSTMENT )

<table>
<thead>
<tr>
<th></th>
<th>Location</th>
<th>Year(s)</th>
<th>Closure Values</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Kazakof, 1971 Sub. Sta.</td>
<td></td>
<td>(+ 0.1, + 0.3)</td>
</tr>
<tr>
<td>2</td>
<td>Ostro, 1971</td>
<td></td>
<td>(- 0.2,  0.0)</td>
</tr>
<tr>
<td>3</td>
<td>Slot, 1971</td>
<td></td>
<td>(+ 0.3, + 0.3)</td>
</tr>
<tr>
<td>4</td>
<td>Line, 1929</td>
<td></td>
<td>(- 0.2, + 0.3)</td>
</tr>
<tr>
<td>5</td>
<td>Settle, 1971 Sub. Sta.</td>
<td></td>
<td>(- 0.2, - 0.3)</td>
</tr>
<tr>
<td>6</td>
<td>Tie, 1941 Sub. Sta.</td>
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<td>(- 0.7, + 0.3)</td>
</tr>
<tr>
<td>7</td>
<td>Dolphin Point Lt. 1941</td>
<td></td>
<td>(- 1.0, + 8.7)</td>
</tr>
<tr>
<td>8</td>
<td>Bay Cove Point 1907, 1908</td>
<td></td>
<td>(+0.5, - 0.4)</td>
</tr>
<tr>
<td>9</td>
<td>Pov, 1908</td>
<td></td>
<td>(+ 7.2, +7.8)</td>
</tr>
<tr>
<td>10</td>
<td>Cape Uganik, 1908</td>
<td></td>
<td>(+ 0.1, - 0.8)</td>
</tr>
<tr>
<td>11</td>
<td>Mesa, 1908</td>
<td></td>
<td>(+ 1.3, + 1.2)</td>
</tr>
<tr>
<td>12</td>
<td>Nun, 1941</td>
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<td>(+ 0.8, + 0.7)</td>
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<td>13</td>
<td>Raspberry Strait Lt.</td>
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<td>(+ 2.1, + 3.5)</td>
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<tr>
<td>14</td>
<td>Bird Rock, 1908</td>
<td></td>
<td>(  0.0, + 0.1)</td>
</tr>
<tr>
<td>15</td>
<td>1st, 1908, 1929</td>
<td></td>
<td>(  0.0, - 0.3)</td>
</tr>
<tr>
<td>16</td>
<td>West Point, 1908</td>
<td></td>
<td>(+ 0.8, + 0.3)</td>
</tr>
<tr>
<td>17</td>
<td>Cape Ugat, 1908</td>
<td></td>
<td>(+ 0.1,  0.0)</td>
</tr>
<tr>
<td>STATION NAME</td>
<td>SOURCE OF INFORMATION</td>
<td>AEROTRIANGULATION POINT NUMBER</td>
<td>COORDINATES IN FEET</td>
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<td>-----------------------</td>
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<td>---------------------</td>
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<tr>
<td>NUB, 1909°</td>
<td>Quad 581523</td>
<td>pg. 1036</td>
<td>x= 766,842.06</td>
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<td>y= 1,492,107.70</td>
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**REMARKS**

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<td>58°04'39.187&quot;</td>
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<td>1212.4&quot; (643.9)</td>
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<td>152°34'13.42410&quot;</td>
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<td>152°34'06.75238&quot;</td>
<td>692.5 (1163.9)</td>
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</table>

**COMPUTED BY**

R. D. Mueller  
6/25/82

**COMPUTATION CHECKED BY**

D. Butler  
Oct. 29, 1982

**LISTED BY**

R. D. Mueller  
6/25/82

**LISTING CHECKED BY**

D. Butler  
Oct. 29, 1982

**HAND PLOTTING BY**

R. D. Mueller  
6/25/82

**HAND PLOTTING CHECKED BY**

D. Butler  
Oct. 29, 1982
31 - DELINEATION

Delineation was by the Wild B-8 stereoplotter, using "M" photography at 1:60,000 scale. The coverage was adequate. 1:20,000 scale photography was processed for hydro support.

32 - CONTROL


33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

36 - OFFSHORE DETAILS

There were numerous rocks located offshore that were not visible on the "M" photography and were positioned from the hydro support photographs.

37 - LANDMARKS AND AIDS

None.

38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

Refer to the Data Record Form 76-368, item 5.

40 - HORIZONTAL AND VERTICAL ACCURACY

46 - COMPARISON WITH EXISTING MAPS


47 - COMPARISON WITH NAUTICAL CHARTS


ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by:

L. Williams
Cartographic Aid
Date: September 23, 1980

Approved:

Albert C. Rauck, Jr.
Chief, Coastal Mapping Section
ADDENDUM TO THE COMPILATION REPORT

PH-7017
TP-00303

FIELD EDIT

Ledges symbolized on this manuscript were detailed from photographs annotated by the field editor. These annotations were positioned by photo interpreting images visible on the photographs. Ledges were detailed on the shoreline manuscript as an aid in the verification of Hydrographic Survey Sounding Data. They do not represent the sounding datum Mean Lower Low Water. The latest Hydrographic Survey of the area should be consulted for the proper depiction of the Mean Lower Low Water Datum.

Submitted by:
Robert Mueller
Cartographer
June 29, 1962

Approved:
James W. Massey
Chief, Photogrammetric Branch
NOAA FORM 76-35A
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

FIELD EDIT REPORT
DESCRIPTIVE REPORT
OPR-P146-DA/FA-81

<table>
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<td>General Locality</td>
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1981

CHIEF OF PARTY
CDR Ned C. Austin

LIBRARY & ARCHIVES

DATE

© U.S. GOV. PRINTING OFFICE: 1980—668-537
INTRODUCTION

Field edit on Manuscript TP-00303 (scale 1:20000) was performed by DAVIDSON personnel from July 21 (JD 202) through July 24 (JD 205). Manuscript TP-00303 covers the area bounded by latitudes 58/00/00 N to 58/10/00 N, and longitudes 152/30/00 W to 152/40/00 W. Hydrographic field sheet H-9957 (DA-10-2-81) is supported by field edit done on Manuscript TP-00303.

METHODS

Field edit was performed in accordance with Project Instructions OPR-P146-DA/FA-81, Shelikof Strait, Alaska, dated February 6, 1981; and the Manual of Coastal Mapping and Field Procedures, Chapter II. All features were located by one of three methods:

1. Photo identification
2. Three point sextant fix with check angle
3. Taped distance and magnetic bearing from photo identifiable point

With each fix and/or photo position, the Universal (Greenwich Mean) Time of the position, and height of the feature were recorded. Zone Description for the working area was +9 hours. Rock heights were taken in one of two ways: (1) If the rock was submerged, an oar would be used as a sounding pole and the height (negative) would be recorded. (2) If the rock bared, a steel tape was used in conjunction with a hand level. All fix accuracies meet 1:10000 scale standards.

All field edit was performed on foot, or on skiffs WZ-3041 or WZ-3043. Since no matte ratio photographs were provided, it was necessary to take chronopaque ratio photographs into the field. In order to preserve these photographs, all field work was done on the paper ozalid, using the photographs for clarification only. All data was transferred to the Master Field Edit Print and the chronopaque ratio photographs after returning to the ship. On Manuscript TP-00303, all height, time, and fix data were recorded on the master print, or reference was made to the fix volume which contains descriptive information on the position. Chronopaque ratio photograph numbers 6090-6094, and 6152 were used to support field edit operations on Manuscript TP-00303. The master print and chronopaque photos were inked as follows:

Violet: Verifications, additions, and general notes
Green: Deletions

All features transferred from the manuscript to the hydrographic field
sheet were inked in red. Field edit data was not duplicated by hydrography, and does not appear as such on the final field sheet.

ADEQUACY OF COMPILATION

Photogrammetric compilation of rocks and obstructions was adequate.

MAP ACCURACY

The mean high water line depicted on the map is accurate. The mean lower low water line is adequately delineated by hydrographic data.

MISCELLANEOUS

A total of six photographs were used to support field edit operations on TP-00303. Photo numbers, and stages of tide at which they were taken are:

<table>
<thead>
<tr>
<th>Photo Number</th>
<th>Tide Stage (ft.)</th>
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<tbody>
<tr>
<td>6090-6094</td>
<td>+4.2</td>
</tr>
<tr>
<td>6152</td>
<td>+4.6</td>
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Photographs from flight lines run at low tide were used whenever possible.

An active logging camp exists in Kazakof Bay at approximate position 58° 08.3'N and 152° 33.0'W. No service or pier facilities are available, except for a rock quay used to tie-up supply barges.

Field edit conditions were excellent. On sunny, calm days, visibility through the water was as deep as 30 feet, facilitating identification of submerged features. All field work was done at or near low tide.

RECOMMENDATIONS

Manuscript TP-00303 is incomplete south of latitude 58° 06.4'N. This occurred because field edit priorities were to support hydrography, and the time available was not sufficient to complete hydrographic priorities as well as the manuscript. Therefore, it is recommended that the field edit of southern Kazakof Bay and its adjacent areas be completed to upgrade Manuscript TP-00303 to a Class I Manuscript. The remainder of the manuscript is complete.

Respectfully submitted,

Steven Konrad
LT(jg), NOAA

SK:jf

Approved and forwarded,

N. C. Austin
CDR, NOAA
By photogrammetric methods, elevations or in part, upon control established.

**PHOTOGRAMMETRIC FIELD POSITIONS ARE DEPENDENT ON PHOTOGRAPHY**

**EXAMPLE:** Y-VL5, Enter Y-VL5, and date.

**POSITION VERIFIED VISUALLY ON PHOTOGRAPHY**

**EXAMPLE:** Tbling, Rec.

**RELATIONSHIP OF ĐETECTED OBJECT TO TRsheets, Rec.**

When a landmark of a distance is also a tiling.

**INTERTRANSLATION STATION RECORDED**

**EXAMPLE:** 74RLC(2982)

**EXAMPLE:** 8-12-75

**8-PARAMETER FIELD**

**EXAMPLE:** P8-8-V

**GRAPH SHEET TO LOCK OR IDENTIFY THE OBJECT**

**DATE OF FIELD WORK AND NUMBER OF THE PHOTO**

**INTERTRANSLATION OF FIELD POSITION REQUIRED**

**EXAMPLE:** 75EC(6042)

**IDENTIFY AND LOCATE THE OBJECT**

**DAY, AND YEAR OF THE PHOTOGRAPH USED TO ENTER THE NUMBER AND DATE (INCLUDING MONTH**

**OBJECT IDENTIFIED AND LOCATED**

**OFFICE**

**S.J. Koudri**

**N/A**

**OBJECTS INSPECTED FROM FARADAY**

<table>
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<tr>
<th>Field Activity Representative</th>
<th>Quality Control and Review Group</th>
<th>Reviewer</th>
<th>Activities</th>
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<tr>
<td>Other (Specify)</td>
<td>Photo Field Party</td>
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<td>Geodetic party</td>
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<td>Hydrographic party</td>
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</table>
Field Positions are determined by Field Observer.

1. New position determined or verified

2-12-75

Example: F2-6-75
Location and date of field work.

3. Intersection

4. Resection

5. Field Identified

7. Photographed

8. Section

11. Triangulation

*Photogrammetric Field Positions are dependent

*By photogrammetric methods.

Example: Y-V15.

Enter Y-V15 and date.

11. Position verified visually on photograph.


Rec. with date of recovery.

11. Triangulation Station received.

When a Landmark or aid which is also a tfl.

Example: Y-V15.

11. Triangulation Station received.

Example: Y-V15.

11. Triangulation Station received.

Example: Y-V15.

11. Triangulation Station received.

Example: Y-V15.

11. Triangulation Station received.
ABSTRACT OF TIME OF FIELD EDIT

Date 21-JULY-1981

Project No. OPR-P146-DA-81  Vessel W23041 & W23043

Date of Survey JULY, 1981

Fieldsheet No. TP-00303  Registry No. 

Fieldsheet is Incomplete

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<td>192800</td>
<td>205</td>
<td>213600</td>
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61. General Statement

Refer to the summary bound with this Descriptive Report for an overview of the photogrammetric operations related to the production of this map and associated data.

62. Comparison with Registered Topographic Surveys

Comparison with registered topographic surveys was not a requirement for this project.

63. Comparison with Maps of Other Agencies

Refer to item 46 of the Compilation Report bound with this Descriptive Report for detailed information on this topic.

64. Comparison with Hydrographic Surveys

Comparison with hydrographic surveys was not a requirement for this project.

65. Comparison with Nautical Charts

Refer to item 47 of the Compilation Report bound with this Descriptive Report for information on this topic.

66. Adequacy of Results and Future Surveys

This map meets the National Standards of Map Accuracy and the requirements specified in the project instructions.
67. Delineation

Map detail was compiled on the Wild B-8 stereoplotter using the 1:60,000-scale "M" camera, panchromatic photography. This was supplemented by office interpretation and graphic compilation techniques of the 1:20,000-scale "E" camera, color photography, both of which are listed on NOAA Form 76-36 B, compilation photography.

Submitted by,

D. Butler
Office Reviewer

J. Massey
Final Reviewer

Approved by,

J. D. Robinson
Acting Chief, Photogrammetric Production Section

Acting Chief, Photogrammetry Branch
Afognak Island
Alexander Island
Big Rock
Cape Kazakov
Cape Kostromitinof
Chugach National Forest
Duck Bay
Eastern Passage
Kazakov Bay
Marka Bay
Marmot Bay
National Forest Boundary (Approx.)
Parrot Island
Skipwith Reefs
Stripe Rock

Approved by:
A. J. Wright
A. Joseph Wright
Chief Geographer

Prepared by:
C. E. Harrington
Cartographer
INDEX TO PROJECT DATA AND MATERIAL ON FILE

PH-7017

AFOGNAAK AND KODIAK ISLANDS, ALASKA

NATIONAL ARCHIVES/FEDERAL RECORDS CENTER

BROWN JACKETS:* Denotes Field Edit Information

1 of 3: - Project Map Diagram/Photogrammetric Flight Line Layout
  * - 1 Paper & 2 Film Ozalids, TP-00286
  * - 1 Paper & 2 Film Ozalids, TP-00287
  * - 1 Paper & 2 Film Ozalids, TP-00288
  * - 1 Paper & 1 Film Ozalid, TP-00289
  * - 1 Paper & 1 Film Ozalid, TP-00290
  * - 1 Paper Ozalid, TP-00291
  * - 1 Paper Ozalid, TP-00292
  * - 1 Film Ozalid, TP-00293
  * - 1 Paper & 1 Film Ozalid, TP-00294
  * - 1 Paper & 1 Film Ozalid, TP-00295
  * - 1 Paper Ozalid, TP-00296
  * - 1 Film Ozalid, TP-00297
  * - 1 Paper & 1 Film Ozalid, TP-00301
  * - 1 Film Ozalid, TP-00303
  * - 1 Film Ozalid, TP-00310
  * - 1 Film Ozalid, TP-00311

2 of 3: - Binder of Aerotriangulation Printouts
  - Binder Descriptive Report Control Records
    C&GS Form 164
  - Binder of Photographic Flight Report
    ESSA Form 76-15
  - Binder of Control Station Identification
    Cards, C&GS Form 152
  * - Binder of Computed Tide Curve Graphs &
    Stage of Tide Computations for Photographic
    and Field Edit Data
  * - Binder of Pacific Marine Center generated
    Computer Addendum to Horizontal Control
    Reports
  * - Binder Tide Data and Zoning Information
    - Bridging Photographs and Film Positives

3 of 3: * - 1 Sounding Volume for TP-00303
  * - 1 Sounding Volume for TP-00310
  * - 1 Sounding Volume for TP-00311
PHOTOGRAPHS 9X9 FORMAT

* - NOS 3 Aug. 71 E (C) 7352 thru 7355
* - NOS 3 Aug. 71 E (C) 7269, 7270, 7272, 7294, 7295
* - NOS 10 Jul. 71 E (C) 6708 thru 6710, 6726, 6730, 6734, 6736, 6738, 6739, 6741 thru 6743
* - NOS 10 Jul. 71 E (C) 6642, 6645, 6646, 6648, 6649, 6668
* - NOS 6 Jul. 71 E (C) 6362 thru 6370
* - NOS 5 Jul. 71 E (C) 6217 thru 6226
* - NOS 4 Jul. 71 E (C) 6113
* - NOS 5 Jul. 71 E (C) 6141, 6151, 6152
* - NOS 4 Jul. 71 E (C) 6044 thru 6047, 6049, 6050, 6076 thru 6078, 6081, 6091 thru 6094
* - NOS 4 Jul. 71 E (C) 5995, 5996

PHOTOGRAPH SEGMENTS

* - NOS 4 Jul. 71 M (P) 220
* - NOS 4 Jul. 71 M (P) 221
* - NOS 4 Jul. 71 M (P) 222
* - NOS 4 Jul. 71 M (P) 225, Parts A,B,C
* - NOS 3 Aug. 71 M (P) 319
* - NOS 3 Aug. 71 M (P) 320
* - NOS 3 Aug. 71 M (P) 322
* - NOS 3 Aug. 71 M (P) 323
* - NOS 3 Aug. 71 M (P) 324, Parts A,B
* - NOS 3 Aug. 71 M (P) 325
* - NOS 3 Aug. 71 M (P) 326, Parts A,B
* - NOS 5 Jul. 71 E (C) 6246
* - NOS 5 Jul. 71 E (C) 6247
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* - NOS 6 Jul. 71 E (C) 6323
* - NOS 6 Jul. 71 E (C) 6333
* - NOS 6 Jul. 71 E (C) 6334
* - NOS 6 Jul. 71 E (C) 6335

PROJECT COMPLETION REPORT
AGENCY ARCHIVES

Registration Copy of the Map
Descriptive Report of the Map

PHOTOGRAMMETRIC ELECTRONIC DATA LIBRARY

There is no digital data for this project

REPRODUCTION BRANCH

8X Reduction Negative of Map

OFFICE OF THE STAFF GEOGRAPHER

Geographic Names Standard
### INSTRUCTIONS
A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

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