

TP-00284

TP-00284

|  |                    |
|--|--------------------|
| NOAA FORM 76-35<br>(6-80)<br>U.S. DEPARTMENT OF COMMERCE<br>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION<br>NATIONAL OCEAN SURVEY |                    |
| <h2 style="text-align: center;">DESCRIPTIVE REPORT</h2> <p style="text-align: center;">This Map Will Not Be Field Edited</p>         |                    |
| Map No.<br>TP-00284  | Edition No.<br>One |
| Job No.<br>PH-7017   |                    |
| Map Classification<br>Final Class III  |                    |
| Type of Survey<br>Shoreline  |                    |
| <h3 style="text-align: center;">LOCALITY</h3>  |                    |
| State<br>Alaska  |                    |
| General Locality<br>Afognak and Kodiak Islands   |                    |
| Locality<br>Mouth of Big Bay   |                    |
| <div style="border: 1px solid black; padding: 5px; text-align: center;">           1971 TO 19         </div>                         |                    |
| <h3 style="text-align: center;">REGISTERED IN ARCHIVES</h3>  |                    |
| DATE   |                    |

## DESCRIPTIVE REPORT

TP-00284

### TABLE OF CONTENTS

|  |         |
|--|---------|
| NOAA FORM 76-36A, DESCRIPTIVE REPORT - DATA RECORD     | .... 1  |
| NOAA FORM 76-36B, COMPILATION SOURCES                  | .... 2  |
| NOAA FORM 76-36C, HISTORY OF FIELD OPERATIONS          | .... 3  |
| NOAA FORM 76-36D, RECORD OF SURVEY USE                 | .... 4  |
| PROJECT DIAGRAM  | .... 5  |
| SUMMARY  | .... 6  |
| FIELD INSPECTION NOTE                                  | .... 8  |
| PHOTOGRAMMETRIC PLOT REPORT (AEROTRIANGULATION REPORT) | .... 9  |
| NOAA FORM 76-41, DESCRIPTIVE REPORT CONTROL RECORD     | .... 13 |
| COMPILATION REPORT                                     | .... 14 |
| REVIEW REPORT  | .... 16 |
| GEOGRAPHIC NAMES, FINAL NAMES SHEET                    | .... 18 |
| INDEX TO PROJECT DATA AND MATERIAL ON FILE             | .... 19 |
| FORM C&GS-8352, RECORD OF APPLICATION TO CHARTS        | .... 22 |

TYPE OF SURVEY

SURVEY TP-00284

## DESCRIPTIVE REPORT - DATA RECORD

☒ ORIGINAL☐ RESURVEY☐ REVISED

MAP EDITION NO. (1)

Final  
MAP CLASS Class III

JOB PH-7017

## PHOTOGRAMMETRIC OFFICE

Atlantic Marine Center  
Norfolk, Virginia

## OFFICER-IN-CHARGE

Jeffrey G. Carlen, Cdr., NOAA

## LAST PRECEDING MAP EDITION

TYPE OF SURVEY

☐ ORIGINAL☐ RESURVEY☐ REVISED

JOB PH- \_\_\_\_\_

MAP CLASS \_\_\_\_\_

SURVEY DATES:

19\_\_ TO 19\_\_

## 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

OTHER (Specify)

## 2. VERTICAL:

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

OTHER (Specify)

## 3. MAP PROJECTION

Polyconic

## 4. GRID(S)

STATE Alaska

ZONE 5

## 5. SCALE

1:10,000

STATE

ZONE

## III. HISTORY OF OFFICE OPERATIONS

| OPERATIONS                                  |                       | NAME            | DATE      |
|---|-----------------------|-----------------|-----------|
| 1. AEROTRIANGULATION                        | BY                    | D. Norman       | Mar. 1972 |
| METHOD: Analytic                            | LANDMARKS AND AIDS BY | H. Eichert      |           |
| 2. CONTROL AND BRIDGE POINTS                | PLOTTED BY            | D. Phillips     | Apr. 1972 |
| METHOD: Coradomat                           | CHECKED BY            | H. Eichert      | Apr. 1972 |
| 3. STEREOSCOPIC INSTRUMENT                  | PLANIMETRY BY         | R. White        | Apr. 1972 |
| COMPILATION                                 | CHECKED BY            | L. Neterer      | Apr. 1972 |
| INSTRUMENT: Wild B-8 Stereoplotter          | CONTOURS BY           | N/A             |           |
| SCALE: 1:10,000                             | CHECKED BY            | N/A             |           |
| 4. MANUSCRIPT DELINEATION                   | PLANIMETRY BY         | R. White        | Apr. 1972 |
|   | CHECKED BY            | R. Pate         | Apr. 1972 |
| METHOD: Smooth Drafted                      | CONTOURS BY           | N/A             |           |
|   | CHECKED BY            | N/A             |           |
| SCALE: 1:10,000                             | HYDRO SUPPORT DATA BY | R. White        | Apr. 1972 |
|   | CHECKED BY            | R. Pate         | Apr. 1972 |
| 5. OFFICE INSPECTION PRIOR TO FIELD EDIT    | BY                    | R. Pate         | Apr. 1972 |
| 6. APPLICATION OF FIELD EDIT DATA           | BY                    | N/A             |           |
|   | CHECKED BY            | N/A             |           |
| 7. COMPILATION SECTION REVIEW               | BY                    | D. Butler       | Nov. 1985 |
| 8. FINAL REVIEW                             | BY                    | J. Massey       | Oct. 1986 |
| 9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH | BY                    |                 |           |
| 10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH | BY                    |                 |           |
| 11. MAP REGISTERED - COASTAL SURVEY SECTION | BY                    | E. L. DAUGHERTY | JUN '87   |



TP-00284  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

|   |           |   |          |                    |  |
|---|-----------|---|----------|--------------------|--|
| CAMERA(S)<br>Wild R. C. 8 "E" (152.7mm F.L.)  |           | TYPES OF PHOTOGRAPHY<br>LEGEND                |          | TIME REFERENCE     |  |
| TIDE STAGE REFERENCE  |           | (C) COLOR<br>(P) PANCHROMATIC<br>(I) INFRARED |          | ZONE               | <input checked="" type="checkbox"/> STANDARD |
| <input checked="" type="checkbox"/> PREDICTED TIDES<br><input type="checkbox"/> REFERENCE STATION RECORDS<br><input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY |           |   |          | Alaska             |  |
|   |           |   |          | MERIDIAN           | <input type="checkbox"/> DAYLIGHT            |
|   |           | 150 W.  |          |                    |  |
| NUMBER AND TYPE   | DATE      | TIME  | SCALE    | STAGE OF TIDE      |  |
| 71E(C)6278 & 6279   | Jul 5/ 71 | 14:14   | 1:30,000 | 9.0 ft. above MLLW |  |

REMARKS Tide levels were calculated for Big Bay, Shuyak Island subordinate station using Seldovia as the reference station. Mean High Water is 13.10 feet above Mean Lower Low Water.

## 2. SOURCE OF MEAN HIGH-WATER LINE:

The Mean High Water Line was compiled on a Wild B-8 stereoplottter using the color photographs listed above.

## 3. SOURCE OF [REDACTED] 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.)

| SURVEY NUMBER | DATE(S) | SURVEY COPY USED | SURVEY NUMBER | DATE(S) | SURVEY COPY USED |
|---------------|---------|------------------|---------------|---------|------------------|
|               |         |                  |               |         |                  |

## 5. FINAL JUNCTIONS

| NORTH     | EAST     | SOUTH    | WEST      |
|-----------|----------|----------|-----------|
| No Survey | TP-00285 | TP-00287 | No Survey |

REMARKS

NOAA FORM 76-36C  
(3-72)

TP-00284

U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

## HISTORY OF FIELD OPERATIONS

I. ☒ FIELD OPERATION (premarking) ☐ FIELD EDIT OPERATION

| OPERATION                           | NAME   | DATE      |
|-------------------------------------|--|-----------|
| 1. CHIEF OF FIELD PARTY             | R. Lanier  | June 1971 |
| 2. HORIZONTAL CONTROL               | RECOVERED BY: None<br>ESTABLISHED BY: None<br>PRE-MARKED OR IDENTIFIED BY: None  |           |
| 3. VERTICAL CONTROL                 | RECOVERED BY: N.A.<br>ESTABLISHED BY: N.A.<br>PRE-MARKED OR IDENTIFIED BY: N.A.  |           |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY: None<br>LOCATED (Field Methods) BY: None<br>IDENTIFIED BY: None   |           |
| 5. GEOGRAPHIC NAMES INVESTIGATION   | TYPE OF INVESTIGATION<br><input type="checkbox"/> COMPLETE<br><input type="checkbox"/> SPECIFIC NAMES ONLY<br><input checked="" type="checkbox"/> NO INVESTIGATION |           |
| 6. PHOTO INSPECTION                 | CLARIFICATION OF DETAILS BY: None  |           |
| 7. BOUNDARIES AND LIMITS            | SURVEYED OR IDENTIFIED BY: N.A.  |           |

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED (and paneled)

None

2. VERTICAL CONTROL IDENTIFIED

N.A.

| PHOTO NUMBER | STATION NAME | PHOTO NUMBER | STATION DESIGNATION |
|--------------|--------------|--------------|---------------------|
|              |              |              |                     |

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

| PHOTO NUMBER | OBJECT NAME | PHOTO NUMBER | OBJECT NAME |
|--------------|-------------|--------------|-------------|
|              |             |              |             |

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)

None

NOAA FORM 76-36D  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00284  
RECORD OF SURVEY USE

## I. MANUSCRIPT COPIES

| COMPILATION STAGES  |            |           | DATE MANUSCRIPT FORWARDED |               |
|---------------------|------------|-----------|---------------------------|---------------|
| DATA COMPILED       | DATE       | REMARKS   | MARINE CHARTS             | HYDRO SUPPORT |
| Manuscript Complete | April 1972 | Class III | May 19, 1972              | May 8, 1972   |
|                     |            |           |                           |               |
|                     |            |           |                           |               |
|                     |            |           |                           |               |

## II. LANDMARKS AND AIDS TO NAVIGATION

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

| NUMBER | CHART LETTER<br>NUMBER ASSIGNED | DATE<br>FORWARDED | REMARKS |
|--------|---------------------------------|-------------------|---------|
|        |                                 |                   |         |
|        |                                 |                   |         |
|        |                                 |                   |         |
|        |                                 |                   |         |
|        |                                 |                   |         |
|        |                                 |                   |         |
|        |                                 |                   |         |

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: None3. ☐ 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 567 SUBMITTED BY FIELD PARTIES.  
 3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.  
 ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: 6/3/87

## IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

|                |                                 |                          |   |
|----------------|---------------------------------|--------------------------|---|
| SECOND EDITION | SURVEY NUMBER<br>TP - _____ (2) | JOB NUMBER<br>PH - _____ | TYPE OF SURVEY<br><input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY<br>MAP CLASS<br><input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
|                | DATE OF PHOTOGRAPHY             | DATE OF FIELD EDIT       |   |
| THIRD EDITION  | SURVEY NUMBER<br>TP - _____ (3) | JOB NUMBER<br>PH - _____ | TYPE OF SURVEY<br><input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY<br>MAP CLASS<br><input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
|                | DATE OF PHOTOGRAPHY             | DATE OF FIELD EDIT       |   |
| FOURTH EDITION | SURVEY NUMBER<br>TP - _____ (4) | JOB NUMBER<br>PH - _____ | TYPE OF SURVEY<br><input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY<br>MAP CLASS<br><input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL |
|                | DATE OF PHOTOGRAPHY             | DATE OF FIELD EDIT       |   |



## 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-00284

Field inspection was limited to the recovery and identification of horizontal control for aerotriangulation.

PHOTOGRAMMETRIC PLOT REPORT  
Afognak Island, Alaska Part I  
Job PH-707117  
March 1972

21. Area Covered

This report pertains to 13 sheets on Afognak Island. The sheets are TP-00284 thru TP-00290 at 1:10,000 scale and TP-00291 thru TP-00296 at 1:20,000 scale. The area covered is the northwest shoreline of Afognak Island.

22. Method

Eight strips of photography were bridged by analytic aerotriangulation methods and adjusted to ground on the Alaska state plane coordinate system, zone 5. Strips 1 and 2 of 1:60,000 scale photography were adjusted as a block and used to control the six strips of 1:30,000 scale photography.

23. Adequacy of Control

The horizontal control is sparse in both strips of 1:60,000 scale photography. However the project should still meet the map accuracy standards.

24. Supplemental Data

Vertical control was taken from USGS topographic quadrangles.

25. Photography

The photography was adequate.

Respectfully submitted:

*Don O. Norman*

Don O. Norman  
Cartographer

Approved and forwarded:

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



## Afognak Island, Alaska

Fit to Control  
(x, y) feet

Strips 1 & 2 (block adjustment)

|   |                            |              |
|---|----------------------------|--------------|
| 1 | BANKS, 1907                | (+0.1, +0.1) |
| 2 | BEN, 1926 subpoint         | (-0.5, -0.5) |
| 3 | BLUE, 1926                 | ( 0.0, +0.4) |
| 4 | TIE, 1941 subpoint         | (-0.2, -0.4) |
| 5 | NUN, 1941                  | (+0.1, +0.3) |
| 6 | BAY COVE POINT, 1907       | (+0.5, +0.1) |
| 7 | DOLPHIN POINT LT., 1941    | (-6.0, +5.2) |
| 8 | RASPBERRY STRAIT LT., 1941 | (+4.9, -3.4) |

Strip 3

|       |              |
|-------|--------------|
| 76801 | (+3.8, -3.1) |
| 76802 | ( 0.0, 0.0)  |
| 77801 | (+2.7, +2.7) |
| 77802 | ( 0.0, 0.0)  |
| 79801 | ( 0.0, 0.0)  |
| 79802 | (+1.5, +4.5) |

Strip 4

|       |                |
|-------|----------------|
| 33801 | (+10.9, -10.9) |
| 34801 | ( 0.0, 0.0)    |
| 35801 | ( 0.0, 0.0)    |
| 36801 | (-2.3, -0.6)   |
| 38801 | ( 0.0, 0.0)    |
| 38802 | (-6.9, +2.6)   |

Strip 5

|                    |              |
|--------------------|--------------|
| 18801              | ( 0.0, 0.0)  |
| 19801              | (-1.3, -0.2) |
| BEN, 1926 subpoint | ( 0.0, 0.0)  |
| 22801              | (+5.4, +1.1) |
| 23801              | (+2.2, +0.1) |

Strip 6

|            |              |
|------------|--------------|
| 22801      | ( 0.0, 0.0)  |
| 45801      | (-4.8, -4.4) |
| BLUE, 1926 | (-4.0, +0.2) |
| 47801      | ( 0.0, 0.0)  |

Strip 7

|       |              |
|-------|--------------|
| 90801 | ( 0.0, 0.0)  |
| 91801 | (+2.3, -0.9) |
| 92801 | ( 0.0, 0.0)  |
| 92802 | (-1.1, -0.7) |

Strip 8

|       |               |
|-------|---------------|
| 82801 | (-2.2, +0.6)  |
| 82802 | ( 0.0, 0.0)   |
| 84801 | ( 0.0, 0.0)   |
| 85801 | (-10.7, +4.6) |
| 85802 | ( 0.0, 0.0)   |





## DESCRIPTIVE REPORT CONTROL RECORD

| MAP NO.     | JOB NO.  | STATION NAME | SOURCE OF INFORMATION<br>(Index) | AEROTRI-<br>ANGULATION<br>POINT<br>NUMBER | GEODETTIC DATUM     |   | ORIGINATING ACTIVITY  |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|-------------|----------|--------------|----------------------------------|---|---------------------|---|---|-------------------------|----------|------|-----------|------|-----------|------------------|----------|------|-----------|----------|------|-----------|----------|------|-----------|----------|------|-----------|----------|------|-----------|----------|------|-----------|----------|------|-----------|----------|------|-----------|----------|------|-----------|
|             |          |              |                                  |   | North American 1927 | COORDINATES IN FEET<br>STATE <u>Alaska</u><br>ZONE <u>5</u> | GEOGRAPHIC POSITION<br>$\phi$ LATITUDE<br>$\lambda$ LONGITUDE | Coastal Mapping, A.M.C. |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
| TP-00284    | PH-7017  | BAY, 1926    | G.P. Vol. V<br>pg. 516           | V   | X=                  | $\phi$ 58°33'59.885" ✓                                      | REMARKS   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   | Y=                  | $\lambda$ 152°40'02.535" ✓                                  |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   | X=                  | $\phi$  |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   | Y=                  | $\lambda$   |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   | X=                  | $\phi$  |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   | Y=                  | $\lambda$   |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   | X=                  | $\phi$  |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   | Y=                  | $\lambda$   |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   | X=                  | $\phi$  |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   | Y=                  | $\lambda$   |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   | X=                  | $\phi$  |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   | Y=                  | $\lambda$   |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
| COMPUTED BY | A. Rauck | DATE         | Apr. 1972                        | COMPUTATION CHECKED BY                    | A. Shands           | DATE  | Apr. 1972   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   |                     |   |   | LISTED BY               | A. Rauck | DATE | Apr. 1972 | DATE | Apr. 1972 |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   |                     |   |   |                         |          |      |           |      |           | HAND PLOTTING BY | R. White | DATE | Apr. 1972 |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   |                     |   |   |                         |          |      |           |      |           |                  |          |      |           | R. White | DATE | Apr. 1972 |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   |                     |   |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           | R. White | DATE | Apr. 1972 |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   |                     |   |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           | R. White | DATE | Apr. 1972 |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   |                     |   |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           | R. White | DATE | Apr. 1972 |          |      |           |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   |                     |   |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           | R. White | DATE | Apr. 1972 |          |      |           |          |      |           |          |      |           |
|             |          |              |                                  |   |                     |   |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           | R. White | DATE | Apr. 1972 |          |      |           |          |      |           |
|             |          |              |                                  |   |                     |   |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           | R. White | DATE | Apr. 1972 |          |      |           |
|             |          |              |                                  |   |                     |   |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           | R. White | DATE | Apr. 1972 |
|             |          |              |                                  |   |                     |   |   |                         |          |      |           |      |           |                  |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |          |      |           |

## Compilation Report

TP-00284

31. DELINEATION

Delineation was accomplished using the Wild B-8 and color photography. The photography was adequate.

32. CONTROL

See Photogrammetric Plot Report dated March, 1972.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable. There was no drainage to compile.

35. SHORELINE AND ALONGSHORE DETAIL

Because the stage of tide of the photographs is near mean high water, only the mean high water line, bare rocks, and those rocks believed to be awash at or near mean high water were shown.

36. OFFSHORE DETAIL

None.

37. LANDMARKS AND AIDS TO NAVIGATION

None.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions are in agreement with TP-00285 to the east, TP-00287, scale 1:10,000 and TP-00292, scale 1:20,000 to the south. There is no contemporary survey to either the west or north.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S.G.S. quadrangle AFOGNAK (C-2 and C-3) ALASKA, scale 1:63,360 dated 1954.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with Chart 8573, scale 1:20,000, 3rd edition dated June 16th, 1969.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

Submitted by,

151

Richard R. White  
Cartographic Technician  
April 26, 1972

Approved:

Albert C. Rauck, Jr.  
Chief, Coastal Mapping Section  
November 2, 1984

Review Report  
TP-00284

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

Delineation was accomplished using a Wild B-8 stereoplotter through application of standard mapping techniques. This was supplemented by an office interpretation and graphic application of the ratioed, 1:30,000-scale natural color photographs.

Submitted by,

D. Butler  
Office Reviewer

James W. Massey  
Final Reviewer

Approved by,

Ivey O. Baborn  
Acting Chief, Photogrammetric Production Section

A. V. Bryan CDR, NOAA  
Chief, Photogrammetry Branch

December 13, 1971

## GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7017 (Alaska)

TP-00284

~~Eagle Cape~~ *gum*~~Green Island~~ *gum*

Shelikof Strait

~~Shuyak Island~~ *gum*

Approved by:

*A. Joseph Wraight*  
A. Joseph Wraight  
Chief Geographer

Prepared by:

*Frank W. Pickett*  
Frank W. Pickett  
Cartographic Technician



## INDEX TO PROJECT DATA AND MATERIAL ON FILE

PH-7017

AFOGNAK 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 thru 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
- \* - NOS 6 Jul. 71 E (C) 6282
- \* - NOS 6 Jul. 71 E (C) 6281
- \* - NOS 6 Jul. 71 E (C) 6283
- \* - NOS 6 Jul. 71 E (C) 6284
- \* - NOS 6 Jul. 71 E (C) 6290
- \* - NOS 6 Jul. 71 E (C) 6291
- \* - NOS 6 Jul. 71 E (C) 6318
- \* - NOS 6 Jul. 71 E (C) 6321
- \* - 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

