

TP-01313

TP-01313

|   |                  |
|---|------------------|
| NOAA FORM 76-35<br>(6-80)   |                  |
| U.S. DEPARTMENT OF COMMERCE<br>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION<br>NATIONAL OCEAN SURVEY |                  |
| DESCRIPTIVE REPORT  |                  |
| THIS MAP EDITION WILL NOT BE FIELD EDITED   |                  |
| Map No.<br>TP-01313   | Edition No.<br>1 |
| Job No.<br>CM-8405  |                  |
| Map Classification<br>CLASS III (FINAL)   |                  |
| Type of Survey<br>SHORELINE   |                  |
| LOCALITY  |                  |
| State<br>ALASKA   |                  |
| General Locality<br>POINT AUGUSTA TO CRIST POINT  |                  |
| Locality<br>CRIST POINT   |                  |
| 1985 TO 19  |                  |
| REGISTERED IN ARCHIVES  |                  |
| DATE  |                  |

|   |   |   |             |   |   |  |  |
|---|---|---|-------------|---|---|--|--|
| NOAA FORM 76-36A<br>(3-72)  |   | U. S. DEPARTMENT OF COMMERCE<br>NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.   |             |   |   |  |  |
| <b>DESCRIPTIVE REPORT - DATA RECORD</b>   |   | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">           TYPE OF SURVEY<br/> <input checked="" type="checkbox"/> ORIGINAL<br/> <input type="checkbox"/> RESURVEY<br/> <input type="checkbox"/> REVISED         </td> <td style="width: 50%;">           SURVEY TP. <u>01313</u><br/><br/>           MAP EDITION NO. <u>(1)</u><br/><br/>           MAP CLASS <u>III (Final)</u><br/><br/>           JOB <u>RH. CM-8405</u> </td> </tr> </table>   |             | TYPE OF SURVEY<br><input checked="" type="checkbox"/> ORIGINAL<br><input type="checkbox"/> RESURVEY<br><input type="checkbox"/> REVISED | SURVEY TP. <u>01313</u><br><br>MAP EDITION NO. <u>(1)</u><br><br>MAP CLASS <u>III (Final)</u><br><br>JOB <u>RH. CM-8405</u> |  |  |
| TYPE OF SURVEY<br><input checked="" type="checkbox"/> ORIGINAL<br><input type="checkbox"/> RESURVEY<br><input type="checkbox"/> REVISED   | SURVEY TP. <u>01313</u><br><br>MAP EDITION NO. <u>(1)</u><br><br>MAP CLASS <u>III (Final)</u><br><br>JOB <u>RH. CM-8405</u> |   |             |   |   |  |  |
| PHOTOGRAMMETRIC OFFICE<br>Coastal Mapping Unit, Atlantic Marine Center<br>Norfolk, VA<br><br>OFFICER-IN-CHARGE<br><br>C. Dale North, Jr., CDR   |   | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"> <b>LAST PRECEEDING MAP EDITION</b> </td> </tr> <tr> <td style="width: 50%;">           TYPE OF SURVEY<br/> <input type="checkbox"/> ORIGINAL<br/> <input type="checkbox"/> RESURVEY<br/> <input type="checkbox"/> REVISED         </td> <td style="width: 50%;">           JOB <u>PH.</u><br/>           MAP CLASS <u>      </u><br/>           SURVEY DATES:<br/>           19 <u>  </u> TO 19 <u>  </u> </td> </tr> </table> |             | <b>LAST PRECEEDING MAP EDITION</b>  |   | TYPE OF SURVEY<br><input type="checkbox"/> ORIGINAL<br><input type="checkbox"/> RESURVEY<br><input type="checkbox"/> REVISED | JOB <u>PH.</u><br>MAP CLASS <u>      </u><br>SURVEY DATES:<br>19 <u>  </u> TO 19 <u>  </u> |
| <b>LAST PRECEEDING MAP EDITION</b>  |   |   |             |   |   |  |  |
| TYPE OF SURVEY<br><input type="checkbox"/> ORIGINAL<br><input type="checkbox"/> RESURVEY<br><input type="checkbox"/> REVISED  | JOB <u>PH.</u><br>MAP CLASS <u>      </u><br>SURVEY DATES:<br>19 <u>  </u> TO 19 <u>  </u>                                  |   |             |   |   |  |  |
| <b>I. INSTRUCTIONS DATED</b>  |   |   |             |   |   |  |  |
| <b>1. OFFICE</b>  |   | <b>2. FIELD</b>   |             |   |   |  |  |
| Aerotriangulation                      November 3, 1986<br>Compilation                              February 19, 1987   |   | Control                                      March 1, 1985<br>Change No. 1                              March 25, 1985  |             |   |   |  |  |
| <b>II. DATUMS</b>   |   |   |             |   |   |  |  |
| <b>1. HORIZONTAL:</b> <input checked="" type="checkbox"/> 1927 NORTH AMERICAN   |   | OTHER (Specify)   |             |   |   |  |  |
| <b>2. VERTICAL:</b> <input checked="" type="checkbox"/> MEAN HIGH-WATER<br><input type="checkbox"/> MEAN LOW-WATER<br><input checked="" type="checkbox"/> MEAN LOWER LOW-WATER<br><input type="checkbox"/> MEAN SEA LEVEL   |   | OTHER (Specify)   |             |   |   |  |  |
| <b>3. MAP PROJECTION</b><br><br>Oblique Mercator Projection   |   | <b>4. GRID(S)</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">STATE<br/>Alaska</td> <td style="width: 50%;">ZONE<br/>1</td> </tr> <tr> <td>STATE</td> <td>ZONE</td> </tr> </table>   |             | STATE<br>Alaska   | ZONE<br>1   | STATE  | ZONE   |
| STATE<br>Alaska   | ZONE<br>1   |   |             |   |   |  |  |
| STATE   | ZONE  |   |             |   |   |  |  |
| <b>5. SCALE</b><br><br>1:20,000   |   |   |             |   |   |  |  |
| <b>III. HISTORY OF OFFICE OPERATIONS</b>  |   |   |             |   |   |  |  |
| <b>OPERATIONS</b>   |   | <b>NAME</b>   | <b>DATE</b> |   |   |  |  |
| <b>1. AEROTRIANGULATION</b> BY J. Taylor Jan. 1987<br>METHOD: Analytic LANDMARKS AND AIDS BY N.A.   |   |   |             |   |   |  |  |
| <b>2. CONTROL AND BRIDGE POINTS</b> PLOTTED BY F. Mauldin Jan. 1987<br>METHOD: Xynetics 1201 CHECKED BY F. Mauldin Jan. 1987  |   |   |             |   |   |  |  |
| <b>3. STEREOSCOPIC INSTRUMENT</b> PLANIMETRY BY R. Kravitz Mar. 1987<br>COMPILATION CHECKED BY F. Mauldin Mar. 1987<br>INSTRUMENT: Wild B-8 CONTOURS BY N.A.<br>SCALE: 1:20,000 CHECKED BY N.A.   |   |   |             |   |   |  |  |
| <b>4. MANUSCRIPT DELINEATION</b> PLANIMETRY BY R. Kravitz Mar. 1987<br>CHECKED BY F. Mauldin Mar. 1987<br>METHOD: Smooth Drafted CONTOURS BY N.A.<br>CHECKED BY N.A.<br>SCALE: 1:20,000 HYDRO SUPPORT DATA BY R. Kravitz Mar. 1987<br>CHECKED BY F. Mauldin Mar. 1987 |   |   |             |   |   |  |  |
| <b>5. OFFICE INSPECTION PRIOR TO Final Review</b> BY F. Mauldin Mar. 1987   |   |   |             |   |   |  |  |
| <b>6. APPLICATION OF FIELD EDIT DATA</b> BY N.A.<br>CHECKED BY N.A.   |   |   |             |   |   |  |  |
| <b>7. COMPILATION SECTION REVIEW Class III</b> BY F. Mauldin Mar. 1987  |   |   |             |   |   |  |  |
| <b>8. FINAL REVIEW Class III</b> BY L. O. Neterer, Jr. Mar. 1987  |   |   |             |   |   |  |  |
| <b>9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH</b> BY L. O. Neterer, Jr. May 1987   |   |   |             |   |   |  |  |
| <b>10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH</b> BY P. Dempsey June 1987  |   |   |             |   |   |  |  |
| <b>11. MAP REGISTERED - COASTAL SURVEY SECTION</b> BY E. L. DAUGHERTY JUN 87  |   |   |             |   |   |  |  |

TP-01313

## COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

|   |          |   |          |                          |   |
|---|----------|---|----------|--------------------------|---|
| CAMERA(S) R.C. 10 "B" (152.74mm)<br>R.C. 10 "Z" (153.15mm)  |          | TYPES OF PHOTOGRAPHY<br>LEGEND                |          | TIME REFERENCE           |   |
| TIDE STAGE REFERENCE  |          | (C) COLOR<br>(P) PANCHROMATIC<br>(I) INFRARED |          | ZONE                     | <input checked="" type="checkbox"/> STANDARD<br><input type="checkbox"/> DAYLIGHT |
| <input checked="" type="checkbox"/> PREDICTED TIDES<br><input type="checkbox"/> REFERENCE STATION RECORDS<br><input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY |          |   |          | Alaska                   |   |
|   |          |   |          | MERIDIAN                 |   |
|   |          |   |          | 135°                     |   |
| NUMBER AND TYPE   | DATE     | TIME  | SCALE    | STAGE OF TIDE            |   |
| 85 Z(C) 2941-2945   | 06-10-85 | 08:53   | 1:50,000 | 8.1 feet above MLLW      |   |
| 85 Z(C) 3226-3228   | 06-28-85 | 13:40   | 1:50,000 | 4.6 feet above MLLW      |   |
| 85 B(I) 5051-5055   | 05-22-85 | 09:22   | 1:50,000 | 1.2 feet below MLLW      |   |
| 85 B(I) 5070-5072   | 05-22-85 | 09:56   | 1:50,000 | 0.1 feet above MLLW      |   |
| 85 B(I) 5062-5063   | 05-22-85 | 09:36   | 1:50,000 | 0.9 feet below MLLW      |   |
|   |          |   |          | Mean Tide Range=12.4.ft. |   |

## REMARKS

Stage of tide was based on predicted tide data, using Hoonah gage.

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

The Mean High Water Line was compiled from office interpretation of the above listed compilation/bridging color photographs using stereo instrument methods.

## 3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

The Mean Lower Low Water Line was compiled graphically from the above listed tide coordinated infrared photographs.

## 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<br>TP-01310  | EAST TP-01311,<br>TP-01314                  |
| SOUTH<br>No Survey | WEST CM-8502; TP-01362<br>CM-8404; TP-01321 |

## REMARKS

TP-01313

## HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION - Premarking ☐ FIELD EDIT OPERATION

| OPERATION                           | NAME   | DATE     |
|-------------------------------------|--|----------|
| 1. CHIEF OF FIELD PARTY             | J. Vandermeulen  | May 1985 |
| 2. HORIZONTAL CONTROL               | RECOVERED BY M. McEwen<br>ESTABLISHED BY N.A.<br>PRE-MARKED OR IDENTIFIED BY M. McEwen.  | May 1985 |
| 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 N.A.<br>LOCATED (Field Methods) BY N.A.<br>IDENTIFIED BY N.A.  |          |
| 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 N.A.   |          |
| 7. BOUNDARIES AND LIMITS            | SURVEYED OR IDENTIFIED BY N.A.   |          |

## II. SOURCE DATA

| 1. HORIZONTAL CONTROL IDENTIFIED |   | 2. VERTICAL CONTROL IDENTIFIED |                     |
|----------------------------------|---|--------------------------------|---------------------|
| Paneled                          |   | None                           |                     |
| PHOTO NUMBER                     | STATION NAME  | PHOTO NUMBER                   | STATION DESIGNATION |
| 85Z(C)2943<br>85Z(C)2950         | SCRAGGY, 1901 (direct)<br>INNER 2, 1981 (sub point) |                                |                     |

## 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)

2 forms 76-53 (CSI Cards)  
1 form 76-109 Observations of Horizontal Direction for Project.

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

| COMPILATION STAGES   |            |                      | DATE MANUSCRIPT FORWARDED |               |
|----------------------|------------|----------------------|---------------------------|---------------|
| DATA COMPILED        | DATE       | REMARKS              | MARINE CHARTS             | HYDRO SUPPORT |
| Compilation Complete | March 1987 | Class III Manuscript |                           |               |
| Final Review         | March 1987 | Final Class III Map  | 5/20/87                   | 5/20/87       |
|                      |            |                      |                           |               |
|                      |            |                      |                           |               |

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                         |
|--------|---------------------------------|-------------------|---------------------------------|
| 1      |                                 | 5/20/87           | Charted landmarks and aids form |
|        |                                 |                   |                                 |

JOB CM-8405

ICY STRAIT

PT. AUGUSTA TO CRIST PT.

ALASKA

SHORELINE MAPPING

SCALE 1"=10,000 & 1"=20,000

TP-01309

2

58°32'00"

58°22'00"

TP-01311

58°20'00"

58°15'00"

58°12'00"

TP-01312

TP-01310

3

4

TP-01314

TP-01315

6

5

TP-01313

58°10'00"

58°02'00"

58°00'00"

135°32'00"

135°17'00"

135°08'00"

135°03'00"

135°01'00"

134°51'00"

G O F

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

TP-01313

This 1:20,000 scale map is one of seven maps, six are 1:20,000 scale and one is 1:10,000 scale, in project CM-8405, Icy Strait, Point Augusta to Crist Point, Alaska. The project extends from latitude  $58^{\circ} 00' 00''$  north to latitude  $58^{\circ} 32' 00''$ , longitude  $134^{\circ} 51' 00''$  west to longitude  $135^{\circ} 32' 00''$ .

Field work prior to compilation was accomplished during May 1985. This consisted of premarking triangulation stations to satisfy aerotriangulation requirements.

Photographic coverage was provided in June 1985 with color film using the Wild RC-10 "Z" camera (focal length 153.15 millimeters) and in May 1985 with black and white infrared film using the Wild RC 10 "B" camera (focal length 152.74 millimeters) both sets are at 1:50,000 scale.

Analytic aerotriangulation was performed at the Washington Science Center from data furnished by the aerotriangulation process.

Compilation was performed at the Atlantic Marine Center from office interpretation of the 1:50,000 scale color and infrared photography in March 1987.

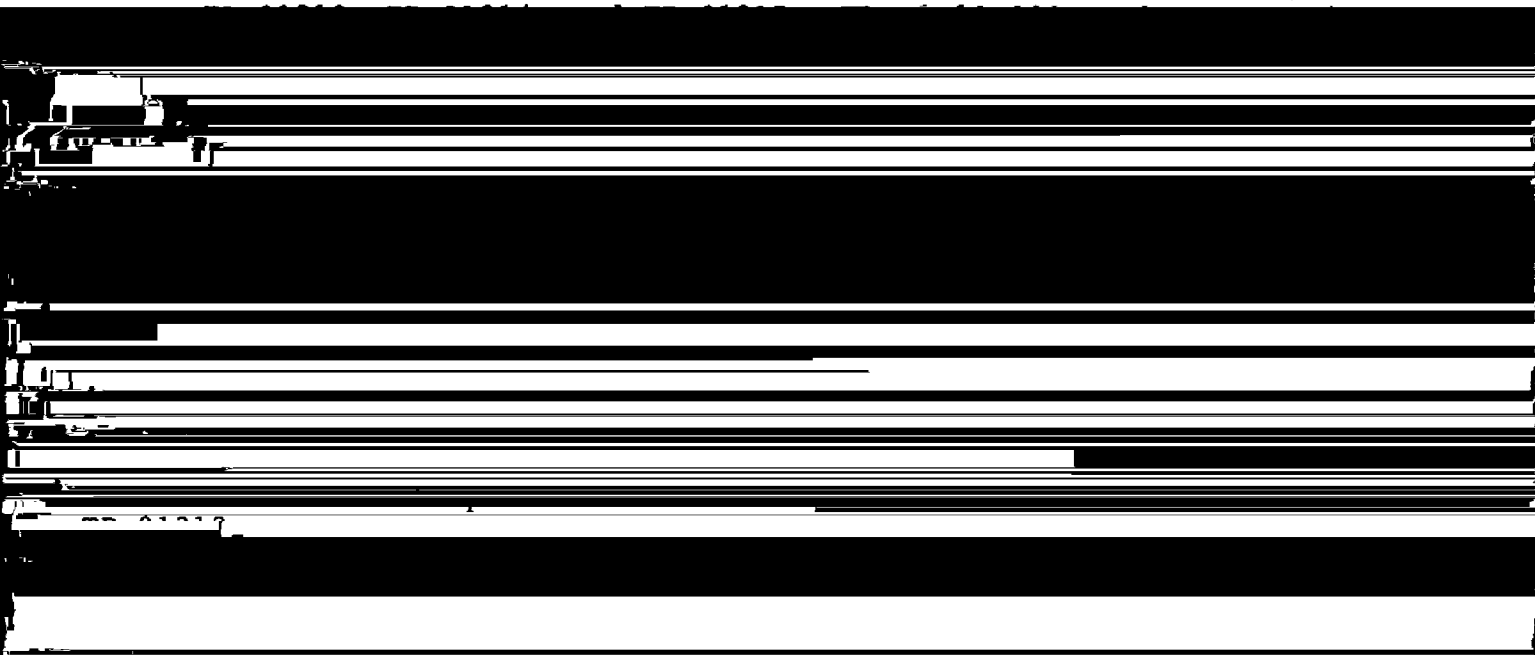
Final review was performed at the Atlantic Marine Center in March 1987. A Chart Maintenance Print for Marine Charts and a Hydrographic Print for the Hydrographic Branch were forwarded. This map is to be registered as a Final Class III Map.

The original base map and all pertinent data were forwarded to the Washington Science Center for final registration.

AEROTRIANGULATION REPORT  
CM-8405  
PT. AUGUSTA TO CRIST PT., ALASKA  
JANUARY 1987

21. AREA COVERED

The area covered by this report is from Pt. Augusta to Crist Pt. to the west and Excursion Inlet to the north. Icy Strait passes through the center of this area. This area is covered by six 1:20,000-scale and one 1:10,000-scale manuscripts. The 1:20,000-scale manuscripts are TP-01309, TP-01310, TP-01311,



22. METHOD

Six strips of 1:50,000 and two strips of 1:30,000-scale color photographs were bridged and adjusted to ground with the IDPF system.

A magnetic tape of the bridge points was created for the Atlantic Marine Center. The positions of these bridge points are in plane coordinates using the Alaska State Plane Coordinate System (Zone 1) with the Oblique Mercator Projection. All data will be based on the North American Datum of 1927.

No fixed aids to navigation or landmarks were located during aerotriangulation.

Ratio values were determined for the color bridging photographs and the black-and-white infrared photographs.

23. ADEQUACY OF CONTROL

the horizontal control provided for this project was



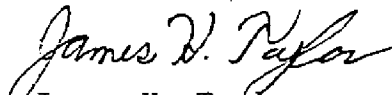
25. PHOTOGRAPHY

The coverage, overlap, and quality of the photographs proved adequate for this project. Most control station panels were difficult to identify and measure due to poor image quality. The original color film had to be ordered to help in the identification of targets. Once difficult targets were found, they were drilled on the film duplicates. No MLW, black-and-white infrared photographs were secured for manuscripts TP-01309 and TP-01310.

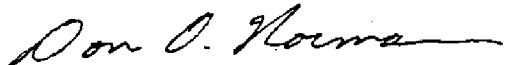
26. PHOTO HYDRO STATIONS

Eight photo hydro stations were established during field operations. Of the eight stations, only six could be positioned. The horizontal positions of these six stations are believed to be within  $\pm 10$  feet of their true ground position. Panel TC-15 could not be identified on the color bridging photographs, and panel TC-21 was too far beyond horizontal control to be included in the adjustment.

Submitted by:

  
James H. Taylor

Approved and Forwarded:

  
Don O. Norman  
Chief, Aerotriangulation Unit

CM-8405  
FIT TO HORIZONTAL CONTROL  
▲= CONTROL HELD

|                           | PT. NO. | X      | Y     |
|---------------------------|---------|--------|-------|
| ▲GRASS 1981               | 226100  | - 0.1  | - 0.1 |
| ▲INNER 2, 1981 - SUB 1    | 228101  | - 0.3  | + 0.4 |
| ▲SCRAGGY 1901             | 942100  | + 0.4  | - 0.4 |
| ▲EGAN NO. 2 RM 2 - SUB 1  | 945101  | - 0.1  | + 0.8 |
| ▲FIRST 2 - SUB 1          | 947101  | - 0.2  | - 2.1 |
| ▲FIT 2, 1925              | 951100  | + 0.3  | + 1.3 |
| ▲PEACH 2, 1922            | 933100  | 0.0    | - 0.8 |
| ▲LIST 2, 1922             | 934100  | - 1.1  | - 0.1 |
| ▲EGAN NO. 2, RM 2 - SUB 1 | 957101  | - 1.3  | + 2.3 |
| ▲EGAN 1959 - SUB 1        | 602101  | + 0.8  | - 1.8 |
| ▲DAY 1922 - SUB 1         | 598101  | - 0.1  | + 1.4 |
| ▲GENE 1949 - SUB 1        | 596101  | - 0.5  | - 0.5 |
| GENE 1949 - SUB 1         | 594101  | +458.5 | - 6.6 |

CM-8405  
RATIO VALUES

COLOR PHOTOGRAPHS

| <u>PHOTOGRAPHS</u>     | <u>RATIO</u> |
|------------------------|--------------|
| 85-ZC-2933A thru 2936A | 2.412        |
| 85-ZC-2941A thru 2951A | 2.412        |
| 85-ZC-2955A thru 2958A | 2.412        |
| 85-ZC-3215 thru 3218   | 2.468        |
| 85-ZC-3224 thru 3229   | 2.466        |
| 85-ZC-3593 thru 3602   | 2.482        |
| 85-ZC-2980A thru 2981A | 2.945        |
| 85-ZC-2965A thru 2968A | 2.946        |

BLACK-AND-WHITE INFRARED PHOTOGRAPHS

| <u>PHOTOGRAPHS</u>   | <u>RATIO</u> |
|----------------------|--------------|
| 85-BR-5035 thru 5038 | 2.444        |
| 85-BR-5046 thru 5056 | 2.457        |
| 85-BR-5060 thru 5064 | 2.455        |
| 85-BR-5069 thru 5072 | 2.445        |
| 85-BR-5064 thru 5066 | 3.000        |
| 85-BR-5038 thru 5039 | 3.000        |

58°32'00"

TP-01309

594101

596101

JOB CM-8405  
ICY STRAIT  
ALASKA

SHORELINE MAPPING

SCALE 1:10,000 & 1:20,000

HOR. CONTROL

58°22'00"

937101

TP-01311

936101

58°20'00"

598101

602101

957101

933100

TP-01312

58°12'00"

TP-01310

942100

58°10'00"

228101

226100

58°02'00"

TP-01313

945101

947101

TP-01315

TP-01314

951100

58°00'00"

135°32'00"

135°17'00"

135°08'00"

135°03'00"

135°01'00"

134°51'00"

58°32'00"

TP-01309

JOB CM-8405

ICY STRAIT

ALASKA

SHORELINE MAPPING

SCALE 1:10,000 & 1:20,000

1:30,000 COLOR PHOTOGRAPHS

58°22'00"

TP-01311

85-2C-  
2977A

58°20'00"

TP-01310

58°12'00"

58°10'00"

TP-01312

85-2C-  
2983A

TP-01315

TP-01313

58°02'00"

TP-01314

58°00'00"

135°32'00"

135°17'00"

135°08'00"

135°03'00"

135°01'00"

134°51'00"

58°32'00"

TP-01309

85-2C-  
3602

85-2C-  
3218

58°22'00"

85-2C-  
3215

85-2C-  
2955A

85-2C-  
2933A

TP-01311

58°20'00"

58°12'00"

TP-01310

85-2C-  
2951A

58°10'00"

85-2C-  
3224

85-2C-  
3594

85-2C-  
2937A

85-2C-2959A

TP-01312

85-2C-  
3228

58°02'00"

TP-01313

TP-01314

TP-01315

85-2C-  
2941A

58°00'00"

135°32'00"

135°17'00"

135°08'00"

135°03'00"

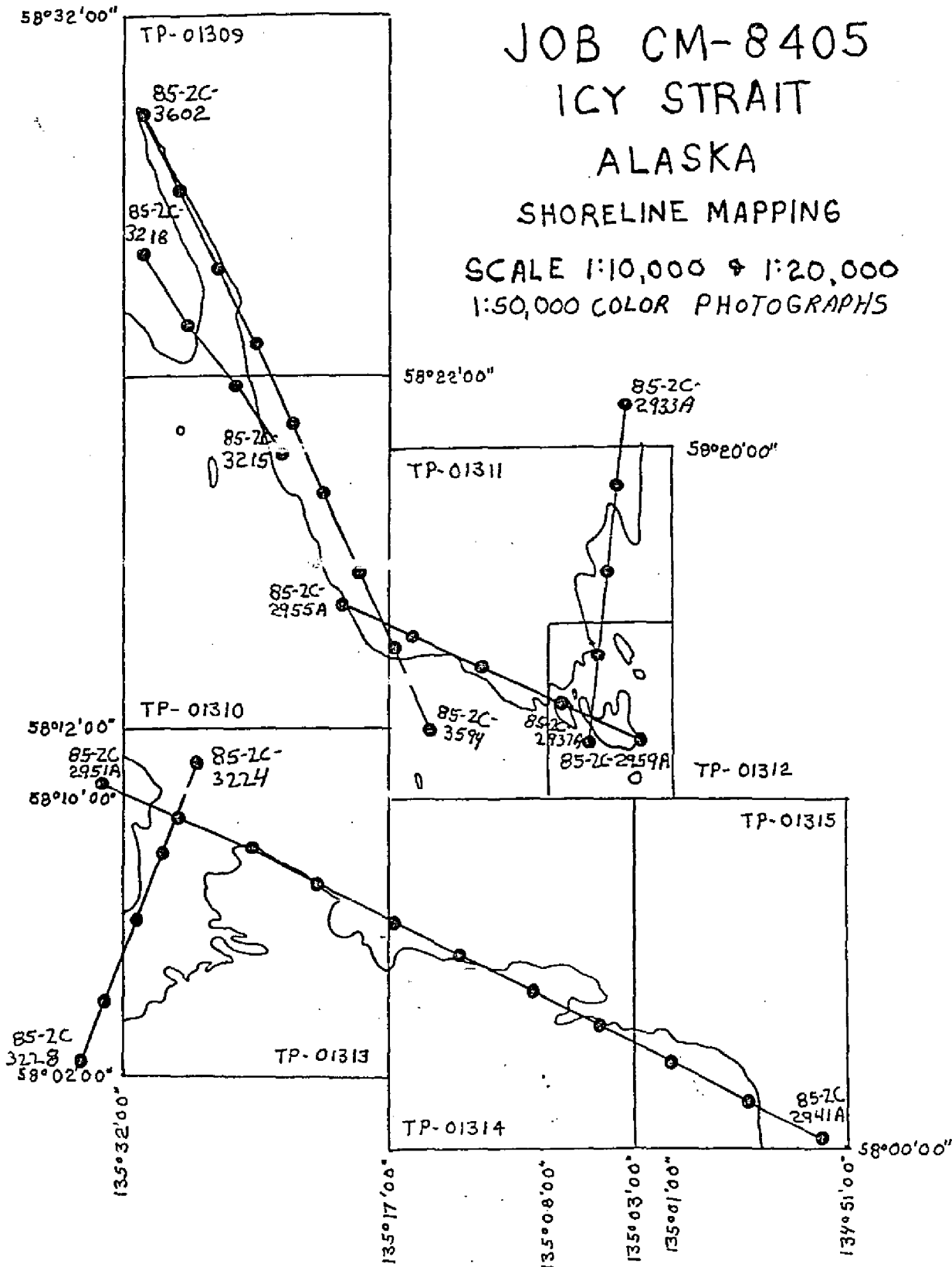
135°01'00"

134°51'00"

# JOB CM-8405 ICY STRAIT ALASKA

## SHORELINE MAPPING

SCALE 1:10,000 & 1:20,000  
1:50,000 COLOR PHOTOGRAPHS



58°32'00"

TP-01309

JOB CM-8405

ICY STRAIT

ALASKA

SHORELINE MAPPING

SCALE 1:10,000 & 1:20,000

1:50,000 B & W INFRARED

58°22'00"

85-BR-5036

TP-01311

58°20'00"

85-BR-5060

TP-01310

58°12'00"

85-BR-5047

85-BR-5040

TP-01312

58°10'00"

85-BR-5055

85-BR-5073

TP-01315

85-BR-5070

TP-01313

58°02'00"

TP-01314

85-BR-5045

58°00'00"

135°32'00"

135°17'00"

135°08'00"

135°03'00"

135°01'00"

134°51'00"

58°32'00"

TP-01309

JOB CM-8405

ICY STRAIT

ALASKA

SHORELINE MAPPING

SCALE 1:10,000 & 1:20,000

1:30,000 B & W INFRARED

58°22'00"

TP-01311

58°20'00"

58°12'00"

TP-01310

85-BA-5084

85-BA-5028

85-BA-5087

TP-01312

58°10'00"

85-BA-5032

TP-01315

58°02'00"

TP-01313

TP-01314

58°00'00"

135°32'00"

135°17'00"

135°08'00"

135°03'00"

135°01'00"

134°51'00"



## DESCRIPTIVE REPORT CONTROL RECORD

| MAP NO.  | STATION NAME  | JOB NO. | GEODETIC DATUM                      |              | AEROTRI-<br>ANGULATION<br>POINT<br>NUMBER | SOURCE OF<br>INFORMATION<br>(Index) | COORDINATES IN FEET |                            | GEOGRAPHIC POSITION        |                                     | REMARKS |
|----------|---------------|---------|-------------------------------------|--------------|---|-------------------------------------|---------------------|----------------------------|----------------------------|-------------------------------------|---------|
|          |               |         | NA 1927                             | STATE Alaska |   |                                     | STATE Alaska        | ZONE 1                     | $\phi$ LATITUDE            | $\lambda$ LONGITUDE                 |         |
| TP-01313 | INNER 2, 1981 | CM-8405 | <input checked="" type="checkbox"/> | 228100       | <input checked="" type="checkbox"/>       | QUAD 581352                         | X=                  | $\phi$ 58° 07' 56.637"     | $\phi$ 58° 07' 56.637"     | <input checked="" type="checkbox"/> |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$ 135° 27' 48.498" | $\lambda$ 135° 27' 48.498" | <input checked="" type="checkbox"/> |         |
|          | SCRAGGY, 1901 |         | <input checked="" type="checkbox"/> | 942100       | <input checked="" type="checkbox"/>       | STA 1044                            | X=                  | $\phi$ 58° 10' 28.805"     | $\phi$ 58° 10' 28.805"     | <input checked="" type="checkbox"/> |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$ 135° 28' 16.165" | $\lambda$ 135° 28' 16.165" | <input checked="" type="checkbox"/> |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     | Y=                  | $\lambda$                  | $\lambda$                  |                                     |         |
|          |               |         |                                     |              |   |                                     | X=                  | $\phi$                     | $\phi$                     |                                     |         |
|          |               |         |                                     |              |   |                                     |                     |                            |                            |                                     |         |

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31 - DELINEATION

Delineation was accomplished using Wild B-8 stereo instrument compilation methods. Instrument compilation was used to delineate shoreline, alongshore, and interior detail based upon office interpretation of the 1:50,000 scale 1985 bridging/compilation color photographs. Tide coordinated mean lower low water infrared ratio photographs were used to graphically compile the approximate mean lower low water line. Control for graphic delineation was provided by the instrument compilation of coastal detail and common image points.

Sisters Reef, located at approximately 58° 11.7' latitude and 135° 17.4' longitude, was compiled using Wild B-8 stereo instrument methods based upon office interpretation of the 1:50,000 scale 1985 infrared photographs. Control was provided by aerotriangulation and common image points. This method was used due to insufficient stereo photographic coverage of the area.

All photographs used to compile this map are listed on NOAA form 76-36B. The photography was adequate.

32 - CONTROL

The horizontal control was adequate. Refer to the Aerotriangulation Report, dated January 1987.

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

Contours are not applicable to the project. Drainage was compiled from office interpretation of the bridging/compilation photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

The mean high water line was compiled from office interpretation of the bridging/compilation photographs as described in item #31.

36 - OFFSHORE DETAILS

Offshore details were compiled by instrument methods as described in item #31.

The mean lower low water infrared photographs were ratioed in order to graphically compile the approximate mean lower low water line as described in item #31.

37 - LANDMARKS AND AIDS

There were three charted aids to navigation and no landmarks within the limits of this map. Two of the aids were located/verified photogrammetrically.

38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

Refer to the Data Record Form 76-36B, item 5, of the Descriptive Report.

40 - HORIZONTAL AND VERTICAL ACCURACY

See item #32.

46 - COMPARISON WITH EXISTING MAPS

A comparison was made with the following U. S. Geological Survey Quadrangles:

Juneau (A-4), Alaska; dated 1948, minor revisions 1975; scale 1:63,360

Juneau (A-5), Alaska; dated 1951, minor revisions 1979; scale 1:63,360

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following National Ocean Service charts:

17300; 24th edition; dated June 15, 1985; scale 1:209,978

17316; 14th edition; dated October 30, 1982; scale 1:80,000

17302; 14th edition; dated October 3, 1981; scale 1:80,000

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by:

*Robert R. Kravitz*

Robert R. Kravitz

Cartographic Technician

Date: March 1987

Approved:

*James L. Byrd, Jr.*  
James L. Byrd, Jr.  
Chief, Coastal Mapping Unit

MAR 25 1987

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8405 (Point Augusta to Crist Point, Alaska)

TP-01313

Cannery Point  
Chichagof Island

Game Creek  
Game Point  
Gedney Channel  
Grave Point  
Halibut Island  
Halibut Rock  
Hoonah  
Hoonah Harbor  
Hoonah Island  
Hoonah Point  
Icy Strait  
Long Island  
Neck Point  
Pinta Rock  
Pitt Island  
Point Sophia  
Port Frederick  
Scraggy Island  
Spasski Bay  
Spassiki Creek

Approved:

*Charles E. Harrington*

Charles E. Harrington  
Chief Geographer  
Nautical Charting Division  
Charting and Geodetic Services

REVIEW REPORT  
SHORELINE  
TP-01313

61 - GENERAL STATEMENT

See Summary included with this descriptive report.

62 - COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable.

63 - COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with U.S.G.S. Quadrangles:

Juneau (A-4), Alaska dated 1948, minor revisions 1975 and Juneau (A-5), Alaska dated 1951, minor revisions 1979; both are scale 1:63,360.

64 - COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

Not applicable. This map will be registered as a Class III Final Map.

65 - COMPARISON WITH NAUTICAL CHARTS

A comparison was made with the following NOS charts:

17302, 14th edition, dated October 3, 1981, scale 1:80,000,  
17316, 14th edition, dated October 30, 1981, scale 1:80,000, and  
17300, 24th edition, dated June 15, 1985, scale 1:209,978.

66 - ADEQUACY OF RESULTS AND FUTURE SURVEYS

This map complies with the Project Instructions and meets the requirements for National Standards of Map Accuracy.

Submitted by:

*Lowell O. Neterer, Jr.*  
Lowell O. Neterer, Jr.  
Final Reviewer  
March 30, 1987

Approved for forwarding:

*Billy H. Barnes*  
Billy H. Barnes  
Chief, Quality Assurance Group, AMC

Approved:

*Judy O. Robson*  
Chief, Photogrammetric Production Sect.

*A. J. Bryan*  
Chief, Photogrammetry Branch

# CHARTED LANDMARKS AND NONFLOATING AIDS TO NAVIGATION

PROJECT NUMBER: CM-8405

PROJECT NAME: Point Augusta To Crist Point, Alaska

MAP NUMBER: TP-01313, scale 1:20,000

The following charted landmarks and nonfloating aids to navigation have been measured and/or confirmed during photogrammetric operations. All geographic positions are based on the N.A. 1927 Datum. Refer to Nautical Charting Division Standard Digital Data Exchange Format documentation for clarification of NCD Quality (Q.C.) and Cartographic (CARTO) Codes.

| <u>FEATURE DESCRIPTION</u>   | <u>CARTO<br/>CODE</u> | <u>GEOGRAPHIC POSITION</u> |                  | <u>NCD<br/>Q.C.</u> | <u>DATE OF<br/>PHOTO</u> |
|------------------------------|-----------------------|----------------------------|------------------|---------------------|--------------------------|
|                              |                       | <u>LATITUDE</u>            | <u>LONGITUDE</u> |                     |                          |
| Hoonah Breakwater<br>Light 2 | 200                   | 58° 06' 32.0"              | 135° 26' 54.4"   | 7                   | 6-10-85                  |
| Hoonah Breakwater<br>Light 3 | 200                   | 58° 06' 26.6"              | 135° 26' 48.7"   | 7                   | 6-10-85                  |

Listing approved by:

OFFICE REVIEWER:

Fay Mauldin

DATE: 3/20/87

FINAL REVIEWER:

Lowell O. Kitchin

DATE: 3/27/87

