

TP 01311

TP 01311

| | |
|---|------------------|
| NOAA FORM 76-35 (6-80) | |
| U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY | |
| DESCRIPTIVE REPORT | |
| THIS MAP EDITION WILL NOT BE FIELD EDITED | |
| Map No. TP-01311 | Edition No. 1 |
| Job No. CM-8405 | |
| Map Classification CLASS III FINAL | |
| Type of Survey SHORELINE | |
| LOCALITY | |
| State ALASKA | |
| General Locality POINT AUGUSTA TO CRIST POINT | |
| Locality POINT HOWARD | |
| 1985 TO 19 | |
| REGISTERED IN ARCHIVES | |
| DATE | |

| | | | |
|--|--|---|------------------|
| NOAA FORM 76-36A (3-72) | | U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN. | |
| DESCRIPTIVE REPORT - DATA RECORD | | TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED | |
| PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit, Atlantic Marine Center Norfolk, VA | | SURVEY TP. <u>01311</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>-III (Final)</u> JOB <u>RM CM-8405</u> | |
| OFFICER-IN-CHARGE C. Dale North, Jr., CDR | | LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__ | |
| I. INSTRUCTIONS DATED | | | |
| 1. OFFICE | | 2. FIELD | |
| Aerotriangulation November 3, 1986 Compilation February 19, 1987 | | Control March 1, 1985 Change No. 1 March 25, 1985 | |
| II. DATUMS | | | |
| 1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN | | OTHER (Specify) | |
| 2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL | | OTHER (Specify) | |
| 3. MAP PROJECTION Oblique Mercator Projection | | 4. GRID(S) STATE ZONE Alaska 1 | |
| 5. SCALE 1:20,000 | | STATE ZONE | |
| III. HISTORY OF OFFICE OPERATIONS | | | |
| OPERATIONS | | NAME | DATE |
| 1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY | | <u>J. Taylor</u> | <u>Jan. 1987</u> |
| 2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>xynetics 1201</u> CHECKED BY | | <u>F. Mauldin</u> | <u>Jan. 1987</u> |
| 3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY | | <u>P. Evans</u> | <u>Feb. 1987</u> |
| 4. STEREOSCOPIC INSTRUMENT COMPILATION | | <u>J. Byrd/F. Mauldin</u> | <u>Feb. 1987</u> |

TP-01311

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

| | | | | | |
|---|---------|---|----------|----------------------------|--|
| CAMERA(S) R.C. 10 "B" R.C. 10 (Z) (Z=153.15mm) | | TYPES OF PHOTOGRAPHY LEGEND | | TIME REFERENCE | |
| TIDE STAGE REFERENCE | | (C) COLOR (P) PANCHROMATIC (I) INFRARED | | ZONE Alaska | <input checked="" type="checkbox"/> STANDARD |
| <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY | | | | MERIDIAN 135° | <input type="checkbox"/> DAYLIGHT |
| NUMBER AND TYPE | DATE | TIME | SCALE | STAGE OF TIDE | |
| 85Z(C)2934-2937 | 6-10-85 | 08:33 | 1:50,000 | 9.0 feet above MLLW | |
| 85Z(C)2956-2958 | 6-10-85 | 09:07 | 1:50,000 | 7.6 feet above MLLW | |
| 85Z(C)3593-3594 | 7-27-85 | 10:45 | 1:50,000 | 10.0 feet above MLLW | |
| 85B(1)5062-5064 | 5-22-85 | 09:35 | 1:50,000 | 0.9 feet below MLLW | |
| 85B(1)5036-5038 | 5-22-85 | 09:03 | 1:50,000 | 1.4 feet below MLLW | |
| | | | | Mean Tide Range = 13.9 ft. | |
| REMARKS | | | | | |
| Stage of tide is based on predicted tide data. using Hoonah Harbor gage. | | | | | |

TP-01311

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

| OPERATION | NAME | DATE |
|--|--|----------|
| 1. CHIEF OF FIELD PARTY | J. Vandermeulen | May 1985 |
| 2. HORIZONTAL CONTROL | RECOVERED BY M. McEwen | May 1985 |
| | ESTABLISHED BY N.A. | |
| | PRE-MARKED OR IDENTIFIED BY M. McEwen | May 1985 |
| 3. VERTICAL CONTROL | RECOVERED BY N.A. | |
| | ESTABLISHED BY N.A. | |
| | PRE-MARKED OR IDENTIFIED BY N.A. | |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY N.A. | |
| | LOCATED (Field Methods) BY N.A. | |
| | IDENTIFIED BY N.A. | |
| 5. GEOGRAPHIC NAMES INVESTIGATION | TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <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

paneled

2. VERTICAL CONTROL IDENTIFIED

None

| PHOTO NUMBER | STATION NAME | PHOTO NUMBER | STATION DESIGNATION |
|--------------|--------------------------|--------------|---------------------|
| 85Z(C)2936 | LIST 2, 1922 (direct) | | |
| 85Z(C)2934 | PULP 2, 1922 (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 Directions for entire 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 | 5/29/87 |
| | | | | |
| | | | | |

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

| NUMBER | CHART LETTER NUMBER ASSIGNED | DATE FORWARDED | REMARKS |
|--------|---------------------------------|-------------------|----------------------------------|
| 1 | | 5/20/87 | Charted landmarks and aids form. |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 76-40 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: _____

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

| | | | |
|-------------------|---------------------------------|--------------------------|---|
| SECOND EDITION | SURVEY NUMBER TP - _____ (2) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <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 TP - _____ (3) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <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 TP - _____ (4) | JOB NUMBER PH - _____ | TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <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 | |

JOB CM-8405

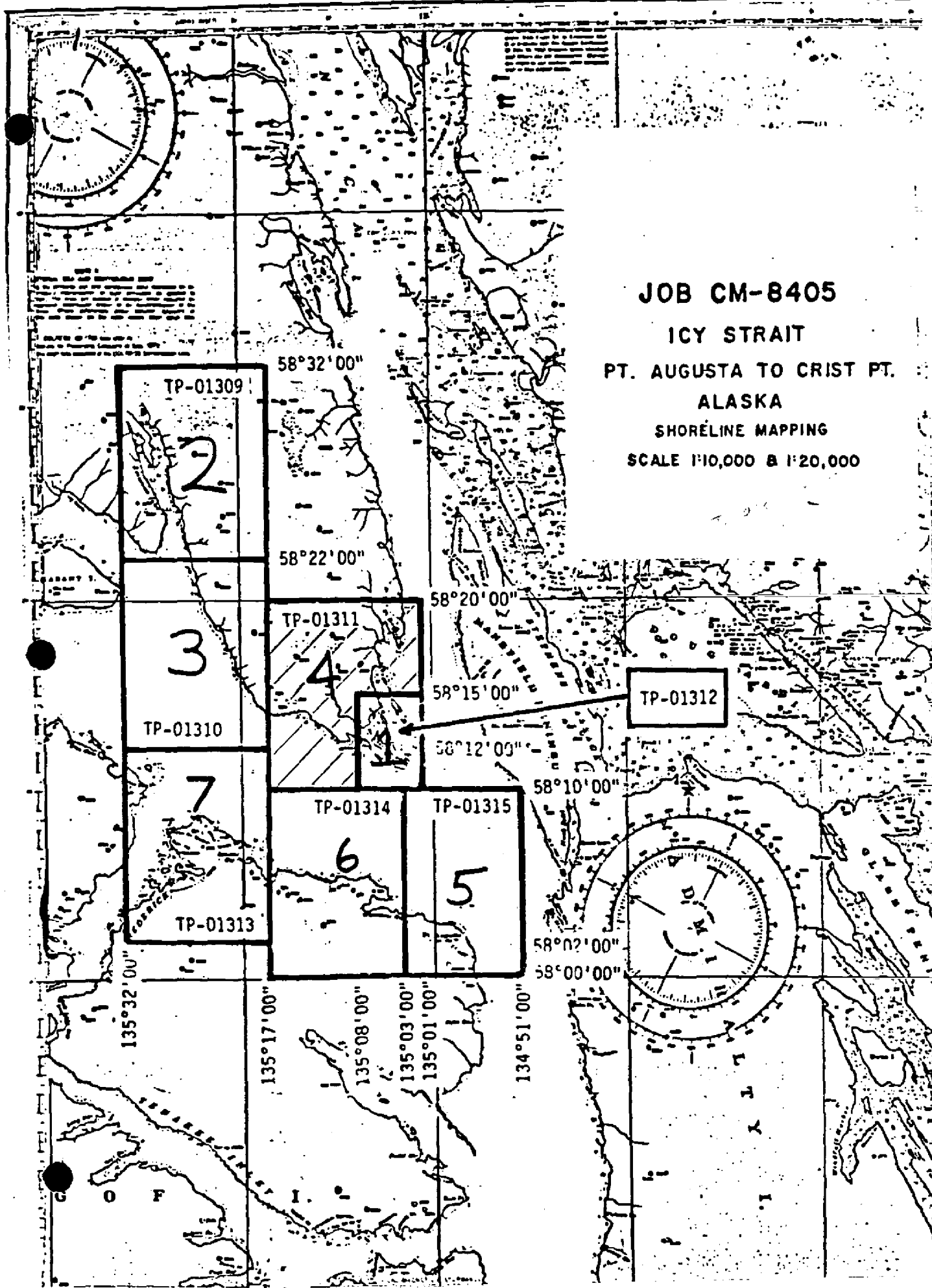
ICY STRAIT

PT. AUGUSTA TO CRIST PT.

ALASKA

SHORELINE MAPPING

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



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT
TP-01311

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 00' 00" north to latitude 58 32' 00", longitude 134 51' 00" west to 135 32' 00". It includes Excursion Inlet.

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 and July 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). All photographs are 1:50,000 scale.

Analytic aerotriangulation was performed at the Washington Science Center in January 1987. The manuscripts were ruled at the Atlantic Marine 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.

A Chart Maintenance Print for Marine Charts, a Hydrographic Print for the Hydrographic Branch, and a copy of the Hydrographic Print for the NOAA Ship FAIRWEATHER were forwarded.

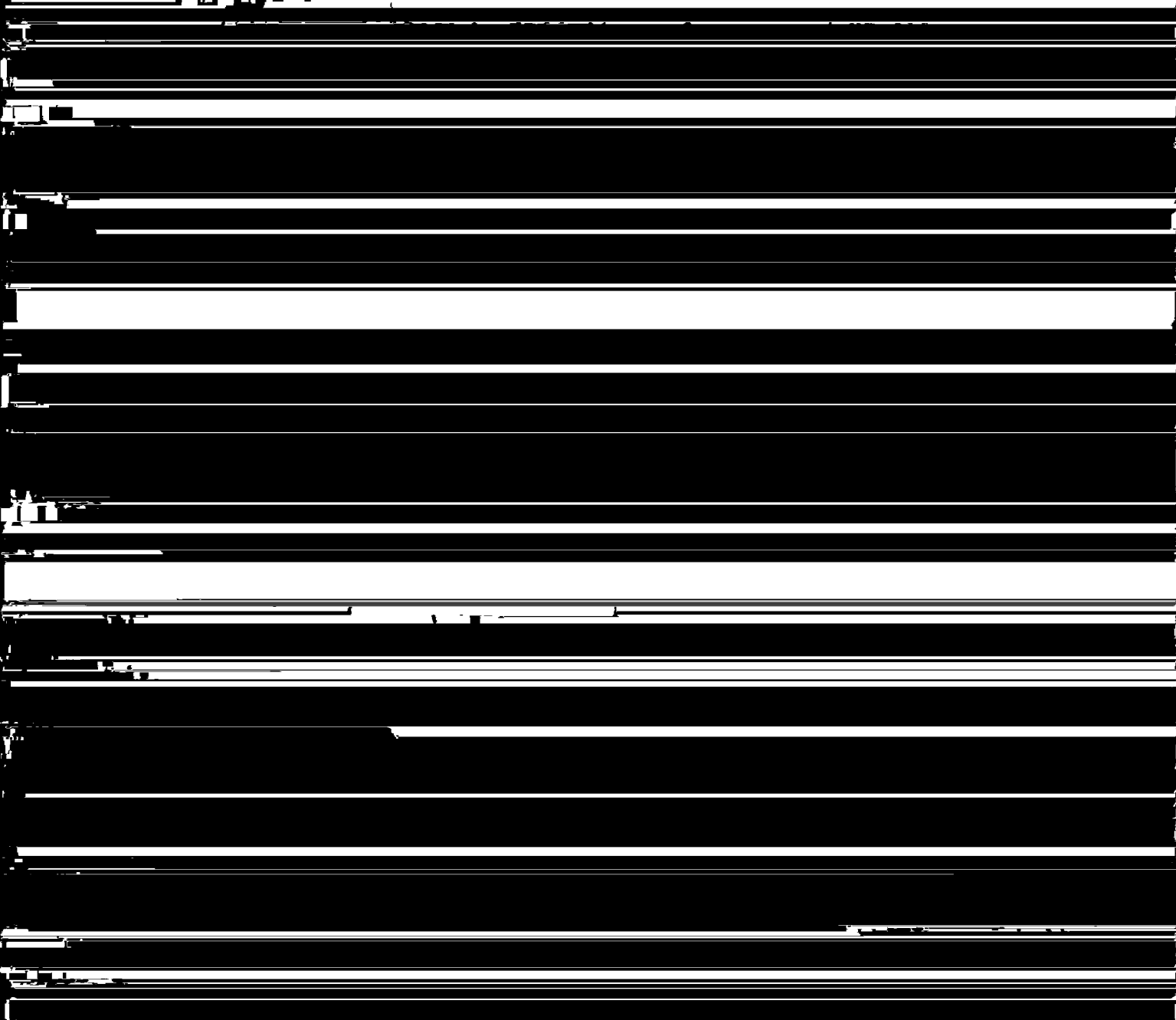
This map is to be registered as a Final Class III Map.

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.



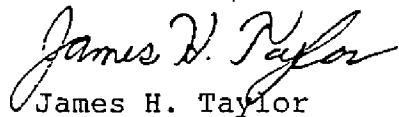
25. PHOTOGRAPHY

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.

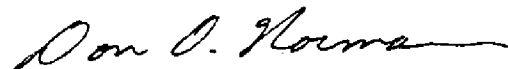
26. PHOTO HYDRO STATIONS

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 ± 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 |
| ▲EARTH 2, 1922 - SUB 1 | 937101 | - 0.7 | - 0.2 |
| ▲PULP 2, 1922 - SUB 1 | 936101 | + 0.3 | - 0.4 |

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-01314

TP-01315

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"

85-2C-
2983A

TP-01312

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-
33602

85-2C-
3218

58°22'00"

85-2C-
3215

85-2C-
2955A

TP-01311

85-2C-
2933A

58°20'00"

58°12'00"

TP-01310

85-2C-
2951A

85-2C-
3224

58°10'00"

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"

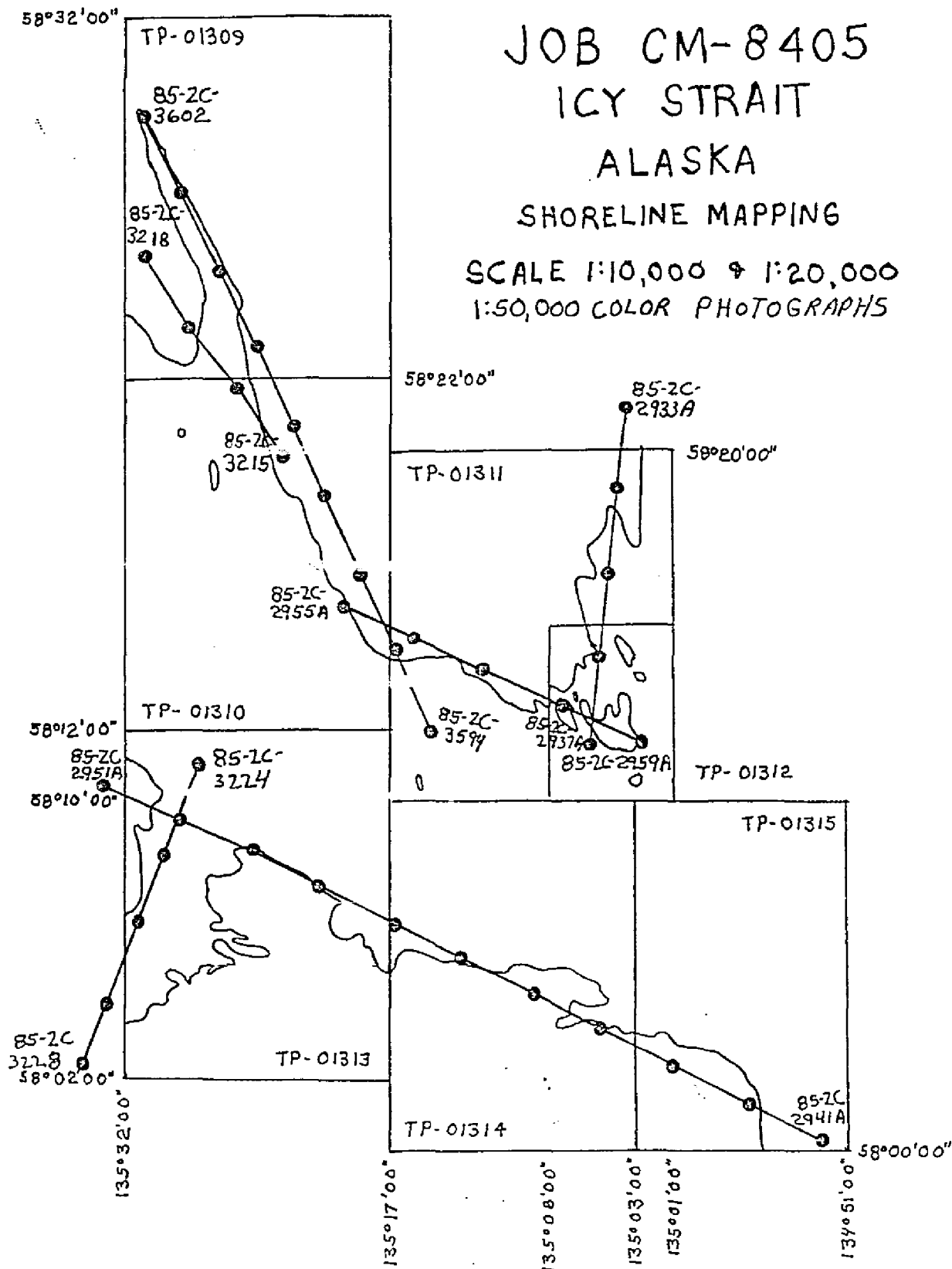
135°01'00"

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"

TP-01311

85-BR-5036

58°20'00"

58°12'00"

TP-01310

85-BR-5060

58°10'00"

85-BR-5055

85-BR-5073

85-BR-5078

58°02'00"

TP-01313

TP-01314

TP-01315

85-BR-5045

58°00'00"

135°32'00"

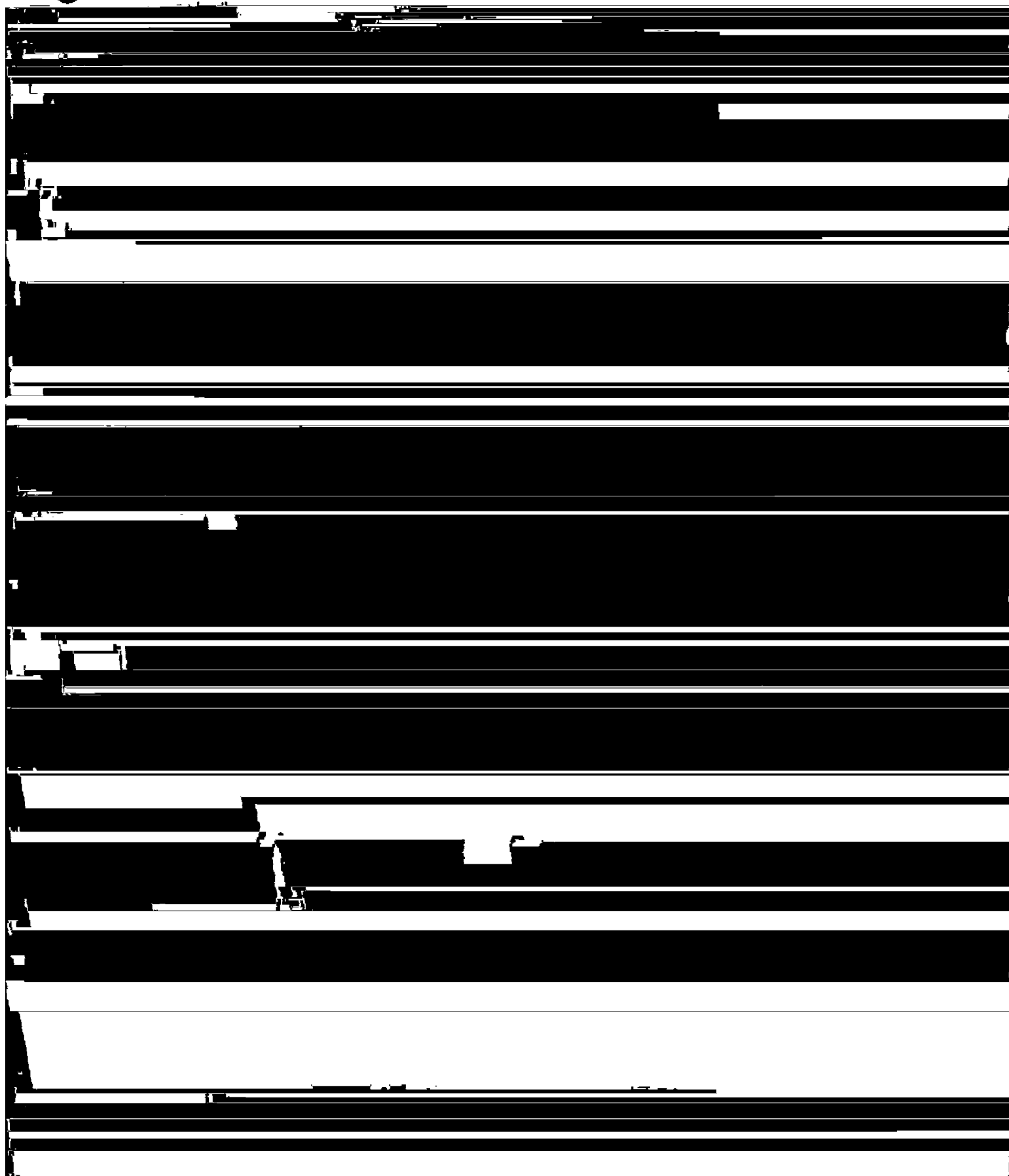
135°17'00"

135°08'00"

135°03'00"

135°01'00"

134°51'00"



COMPILATION REPORT

TP-01311

31 - DELINEATION

Delineation was accomplished using Wild B-8 stereo instrument 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 instrument compilation of coastal detail and common image points.

The Sisters, two islands, were 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. The southern tip of the north island and all of the south island were compiled graphically from infrared ratio photographs using coastal detail for control. These methods were 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 this project. Drainage was compiled from office interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

The mean high water line was compiled from office interpretation of 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

One landmark, which was verified photogrammetrically, and one aid to navigation, which could not be identified on the photographs, are within the limits of this map.

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:

1:63,360
Juneau (B-4), Alaska; dated 1949, minor revisions 1972; 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

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

FEB 26 1987

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-8405 (Icy Strait, Alaska)

TP-01311

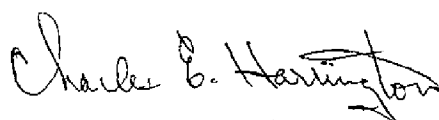
Icy Strait

Lynnn Canal

Point Howard

The Sisters

Approved:



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

REVIEW REPORT
SHORELINE
TP-01311

61 - GENERAL STATEMENT

See Summary included with this descriptive report. TP-01312, a 1:10,000 scale map, falls within the limits of this map. A junction between the mean lower low water lines between these two maps could not be made satisfactorily due to the infrared photography being taken on different days at different stages of tide.

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 1949, minor revisions 1972 and Juneau (B-4), Alaska, dated 1948, minor revisions 1975; both are 1:63,360 scale.

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

66 - ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Submitted by:

Lowell O. Neterer, Jr.
Lowell O. Neterer, Jr.
Final Reviewer
March 6, 1987

Approved for forwarding:

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

Approved:

Ivey O. Rabon
Chief, Photogrammetric Production Sec.

A. Y. Bump
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-01311, *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



RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO.

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]