

T-13050

T-13050

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey Shoreline

Job No. PH-6627 Map No. T-13050

Classification No. Final Edition No. 1

Field Edited Map

LOCALITY

State Alaska

General Locality Duncan Canal

Locality Kah Sheets Island

1966 TO 1972

REGISTRY IN ARCHIVES

DATE

MAP NOT INSPECTED BY
QUALITY CONTROL OF PHOTOGRAMMETRY DIVISION
PRIOR TO REGISTRATION

| | | | |
|---|--|---|--|
| 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 Division Atlantic Marine Center, Norfolk, Virginia OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr. | | SURVEY TR- T-13050 MAP EDITION NO. (1) MAP CLASS Final JOB PH. 6627 | |
| PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, Virginia OFFICER-IN-CHARGE Jeffrey G. Carlen, 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 8/16/66 (Cancelled) Office 9/06/66 (Cancelled) Office, Amendment I 10/24/66 (Cancelled) Office, Supplement I 11/11/71 (Cancelled) Office, Amendment I 12/02/71 (Cancelled) Aerotriangulation 7/20/72 Office 7/18/72 | | FIELD SUPPORT 5/20/66 (CANCELLED) FIELD PRE-MARKING 7/18/72 | |
| 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 type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL | | OTHER (Specify) | |
| 3. MAP PROJECTION Polyconic | | 4. GRID(S) STATE Alaska ZONE 1 | |
| 5. SCALE 1:10,000 | | STATE ZONE | |
| III. HISTORY OF OFFICE OPERATIONS | | | |
| OPERATIONS | | NAME | |
| DATE | | | |
| 1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY | | I. I. Saperstein, D. Norman 11/66 8/72 None | |
| 2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Manual CHECKED BY | | A. L. Shands, F. P. Margiotta 11/71 L. O. Neterer, T. J. Bulfer 11/71 | |
| 3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY | | A. L. Shands 11/71 L. O. Neterer 11/71 | |
| INSTRUMENT: Wild B-8 SCALE: 1:15,000 | | NA NA | |
| 4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY | | T. J. Bulfer 11/71 L. F. Beugnet 11/71 | |
| METHOD: <i>SMOOTH DRAFTING</i> SCALE: 1:10,000 | | NA NA | |
| HYDRO SUPPORT DATA BY CHECKED BY | | T. J. Bulfer 11/71 L. F. Beugnet 11/71 | |
| 5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY | | L. F. Beugnet 11/71 | |
| 6. APPLICATION OF FIELD EDIT DATA BY | | C. E. Blood 11/73 | |
| CHECKED BY | | R. R. White 11/73 | |
| 7. COMPILATION SECTION REVIEW BY | | R. R. White 11/73 | |
| 8. FINAL REVIEW BY | | Jim Byrd 8/80 | |
| 9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY | | Jim Byrd 10/80 | |
| 10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY | | H. D. Wolfe | |
| 11. MAP REGISTERED - COASTAL SURVEY SECTION BY | | Chief, Photo Map and 11/82 | |

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-13050
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

| | | | | | |
|---|---------|---|----------|---|--|
| CAMERA(S) Wild RC-8 | | TYPES OF PHOTOGRAPHY LEGEND | | TIME REFERENCE | |
| TIDE STAGE REFERENCE | | (C) COLOR (P) PANCHROMATIC (I) INFRARED | | ZONE Pacific | |
| <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY | | | | <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT | |
| | | | | MERIDIAN 120° W | |
| NUMBER AND TYPE | DATE | TIME | SCALE | STAGE OF TIDE | |
| 66 L(I) 5666 and 5667 | 7/12/66 | 09:00 | 1:30,000 | 9.7 ft. above MLLW | |
| 72 E(C) 3844 and 3845 | 6/22/72 | 12:50 | 1:30,000 | 10.2 ft. above MLLW | |
| 69 E(C) 2047 from PH 6909 | 8/24/69 | 14:54 PST | 1:20,000 | 7.0 ft. above MLLW | |

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high-water line was compiled from the photography itemized above.

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

No mean lower low-water line was compiled.

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

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

5. FINAL JUNCTIONS

| NORTH | EAST | SOUTH | WEST |
|---------|---------|-----------|-----------|
| T-13048 | T-13051 | No Survey | No Survey |

REMARKS

T-13050
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

| OPERATION | NAME | DATE |
|-------------------------------------|--|------|
| 1. CHIEF OF FIELD PARTY | R. H. Houlder | 5/72 |
| 2. HORIZONTAL CONTROL | RECOVERED BY TRC | 5/72 |
| | ESTABLISHED BY NA | |
| | PRE-MARKED OR IDENTIFIED BY TRC | 5/72 |
| 3. VERTICAL CONTROL | RECOVERED BY NA | |
| | ESTABLISHED BY NA | |
| | PRE-MARKED OR IDENTIFIED BY NA | |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (<i>Triangulation Stations</i>) BY None | |
| | LOCATED (<i>Field Methods</i>) BY None | |
| | IDENTIFIED BY None | |
| 5. GEOGRAPHIC NAMES INVESTIGATION | TYPE OF INVESTIGATION | |
| | <input type="checkbox"/> COMPLETE BY | |
| | <input type="checkbox"/> SPECIFIC NAMES ONLY | |
| | <input checked="" type="checkbox"/> NO INVESTIGATION | |
| 6. PHOTO INSPECTION | CLARIFICATION OF DETAILS BY None | |
| 7. BOUNDARIES AND LIMITS | SURVEYED OR IDENTIFIED BY NA | |

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

NA

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

3. PHOTO NUMBERS (*Clarification of details*)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

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

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

7. SUPPLEMENTAL MAPS AND PLANS

None

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

None

T-13050

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

| OPERATION | NAME | DATE |
|-------------------------------------|--|-------|
| 1. CHIEF OF FIELD PARTY | G. C. Saladin | 10/72 |
| 2. HORIZONTAL CONTROL | RECOVERED BY R. P. Hewitt | 10/72 |
| | ESTABLISHED BY None | |
| | PRE-MARKED OR IDENTIFIED BY None | |
| 3. VERTICAL CONTROL | RECOVERED BY NA | |
| | ESTABLISHED BY NA | |
| | PRE-MARKED OR IDENTIFIED BY NA | |
| 4. LANDMARKS AND AIDS TO NAVIGATION | RECOVERED (Triangulation Stations) BY None | |
| | LOCATED (Field Methods) BY R. P. Hewitt | 10/72 |
| | IDENTIFIED BY None | |
| 5. GEOGRAPHIC NAMES INVESTIGATION | TYPE OF INVESTIGATION | |
| | <input type="checkbox"/> COMPLETE BY | |
| | <input type="checkbox"/> SPECIFIC NAMES ONLY | |
| | <input checked="" type="checkbox"/> NO INVESTIGATION | |
| 6. PHOTO INSPECTION | CLARIFICATION OF DETAILS BY None | |
| 7. BOUNDARIES AND LIMITS | SURVEYED OR IDENTIFIED BY NA | |

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

NA

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

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

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

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

7. SUPPLEMENTAL MAPS AND PLANS

None

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

- 1 Form 76-40, Nonfloating Aids to be charted
- 1 Field Edit Ozalid
- 1 Abstract of Hydro Signal Positions

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONT-13050
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

| COMPILATION STAGES | | | DATE MANUSCRIPT FORWARDED | |
|---|-------|---------------------------------|---------------------------|---------------|
| DATA COMPILED | DATE | REMARKS | MARINE CHARTS | HYDRO SUPPORT |
| Compilation complete, pending field edit. | 11/71 | Class III Manuscript Superseded | None | 12/71 |
| Shoreline updated from 1972 photos. | 9/72 | Class III Manuscript Superseded | None | None |
| Field edit applied, compilation complete. | 11/73 | Class I Manuscript | 6/75 | None |
| Final Review | 8/80 | Final Manuscript | 12/81 | |

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

| NUMBER | CHART LETTER NUMBER ASSIGNED | DATE FORWARDED | REMARKS |
|--------|---------------------------------|-------------------|-------------------------|
| 1 | | Nov. 1, 1977 | One (1) Aid for charts. |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Nov. 1, 1977
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

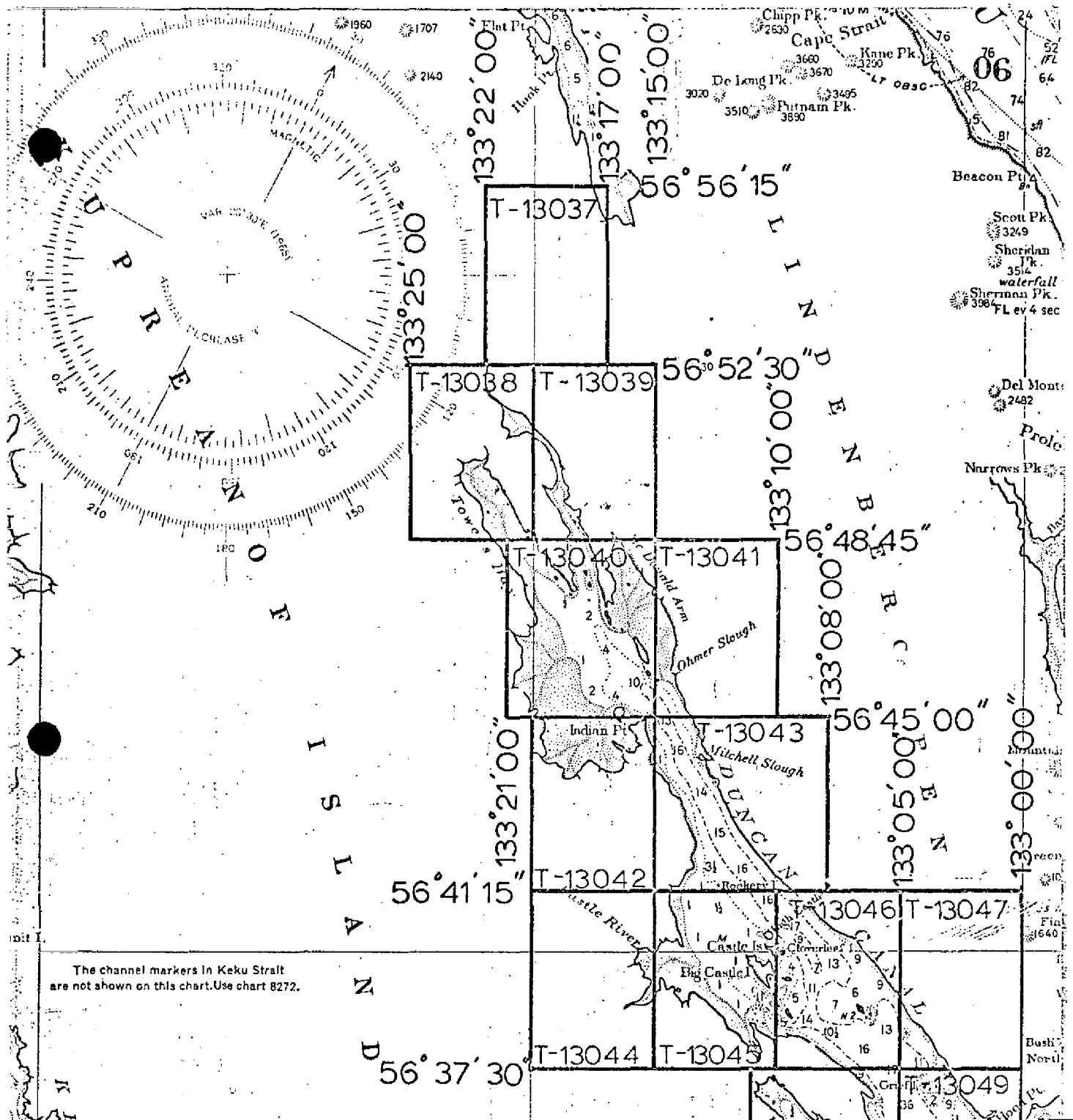
III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: 12/10/81

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



SURVEY TO ACCOMPANY
DESCRIPTIVE REPORT
T-13043, T-13045 thru T-13051

Project PH-6627 covers the entire area of Duncan Canal, Alaska from north of Towers Arm, south east to Lung Island.

There were fifteen (15) maps assigned in this project T-13037 thru T-13051 all at scale 1:10,000. The purpose of these maps was to provide contemporary shoreline data in the support of hydrographic operations and to aid in nautical chart revision.

Field work prior to compilation during the 1972 field season consisted of paneling horizontal control stations in advance of the aerial photography.

The area was flown in June 1972 with 1:50,000 scale B&W bridging photography with the "M" camera. Compilation photos were also taken with the "E" camera at 1:30,000 scale on color film.

Analytic aerotriangulation was performed at the Washington Science Center in August 1972.

The Maps T-13043, T-13045 thru T-13047 were compiled and hydro support ratios were prepared at AMC in August and September, 1972. Sheets T-13048 thru T-13051 were compiled in November and December 1971 using 1966 photography and bridge data and were revised using the June 1972 photos's in September 1972.

Field edit was completed in November 1972. It was applied to the map at AMC in October and November 1973.

Final Review was performed at AMC in January-August 1980. The original base manuscript and all pertinent data was forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

T-13050

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

PHOTOGRAMMETRIC PLOT REPORT

Job PH-6627

Duncan Canal, Alaska

August 1972

21. Area Covered

The entire area of Duncan Canal, Alaska, is covered by this report. The southeastern corner of the project has the coordinates of 56 30' 00" and 133 00' 00". Included in the project are T-sheets T-13037 thru T-13051.

22. Method

One strip of photography, 72-M-1086 thru 1095 at 1:50,000 scale, was bridged by analytic aerotriangulation methods. Four horizontal control stations were used in the adjustment with one station as a check. All points were drilled by the PUG method. Enough points were transferred and read to provide compilation and ratio points on four parallel strips of color photography. These strips, 72-E(C)-3830 thru 3847, 3854 thru 3862, 3912 thru 3930 and 66-L(C)-5659 thru 5661, all at 1:30,000 scale, will be used to compile the area. All points were plotted on Alaska Zone 1 coordinates using the Coradi Plotter. Ratios of the area were ordered.

23. Adequacy of Control

The control was adequate and complied with project instructions.

24. Supplemental Data

USGS topographic quadrangles were used to obtain vertical control for the bridged strip.

25. Photography

The photography was adequate as to coverage, overlap and definition.

Respectively submitted:

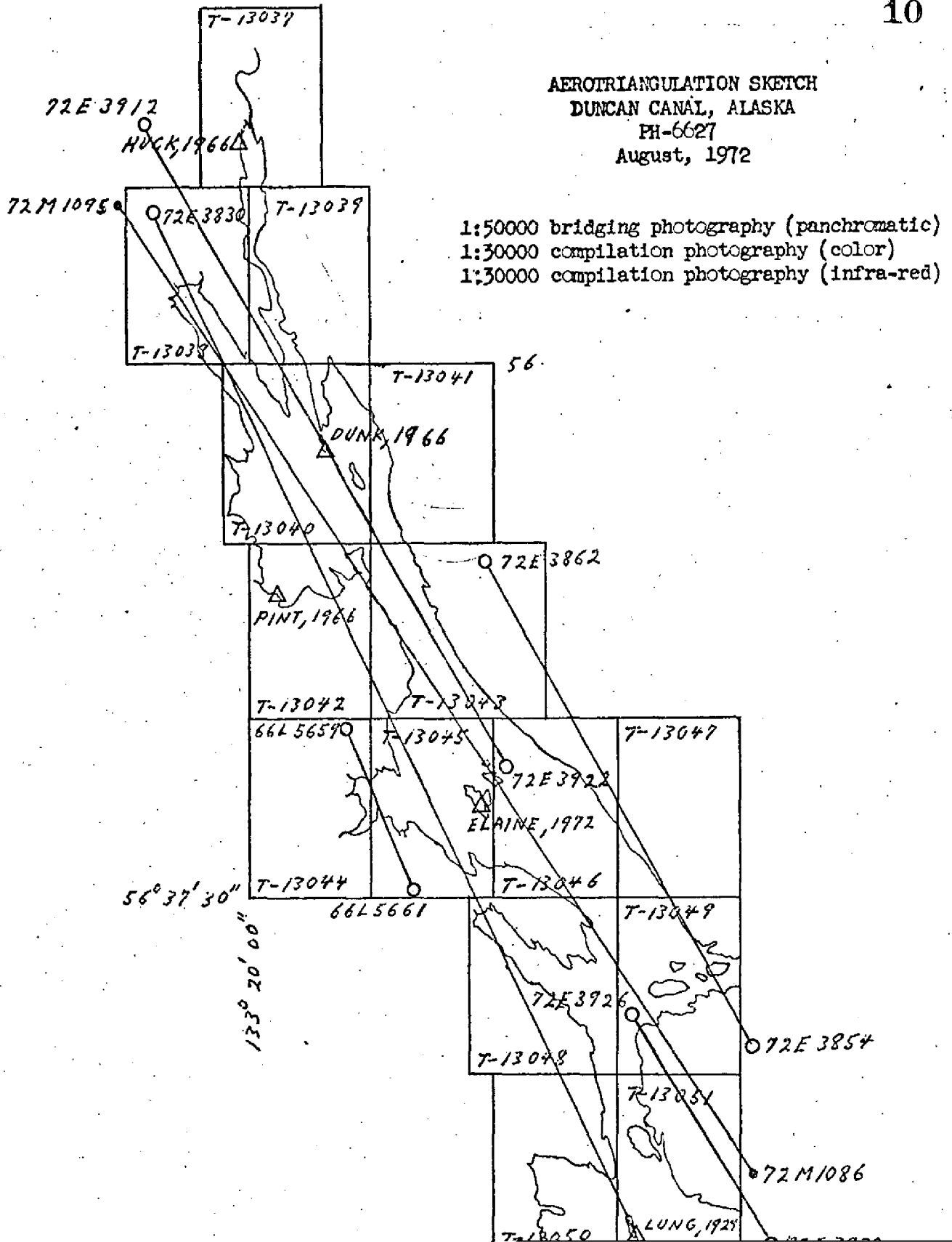
Approved and Forwarded:

John D. Perrow, Jr.
John D. Perrow, Jr.
Acting Chief
Aerotriangulation Section

Don O. Norman

Don O. Norman
Cartographer

AEROTRIANGULATION SKETCH
DUNCAN CANAL, ALASKA
PH-6627
August, 1972



DESCRIPTIVE REPORT CONTROL RECORD

| MAP NO. | STATION NAME | JOB NO. | PH-6627 | GEODEIC DATUM | | AEROTRI- ANGULATION POINT NUMBER | COORDINATES IN FEET | | GEOGRAPHIC POSITION | | ORIGINATING ACTIVITY | | REMARKS |
|------------------|------------------|---------|---------|--------------------------|------|---|---------------------|-----------|---------------------|---------------------|----------------------------------|-----------------|----------|
| | | | | STATE | ZONE | | ϕ | λ | ϕ LATITUDE | λ LONGITUDE | Division, AMC, Norfolk, Virginia | Coastal Mapping | |
| T-13050 | | | | NA | 1927 | | | | | | | | |
| BLUFF, 1929 | Vol II P. 484 | | | X= | | | | ϕ | 56 32 29.358 | | FORWARD | 908.1 | (947.8) |
| | | | | Y= | | | | λ | 133 05 19.114 | | BACK | 326.6 | (698.7) |
| BAY, 1929 | Vol II P. 483 | | | X= | | | | ϕ | 56 30 52.338 | | | 1618.9 | (237.0) |
| | | | | Y= | | | | λ | 133 07 09.080 | | | 155.3 | (870.8) |
| SAW, 1929 | Vol II P. 484 | | | X= | | | | ϕ | 56 31 00.019 | | | 0.6 | (1855.3) |
| | | | | Y= | | | | λ | 133 05 12.672 | | | 216.7 | (809.3) |
| CURVE, 1929 | Vol II P. 485 | | | X= | | | | ϕ | 56 33 33.528 | | | 1037.1 | (818.8) |
| | | | | Y= | | | | λ | 133 05 48.587 | | | 829.9 | (195.0) |
| FLAT, 1929 | Vol II P. 485 | | | X= | | | | ϕ | 56 33 03.448 | | | 106.7 | (1749.2) |
| | | | | Y= | | | | λ | 133 05 26.001 | | | 444.2 | (580.9) |
| ROCK, 1929 | Vol II P. 484 | | | X= | | | | ϕ | 56 32 06.395 | | | 197.8 | (1658.1) |
| | | | | Y= | | | | λ | 133 05 08.887 | | | 151.9 | (873.6) |
| BLUNT, 1929 | Vol II P. 484 | | | X= | | | | ϕ | 56 31 48.214 | | | 1491.3 | (364.6) |
| | | | | Y= | | | | λ | 133 05 01.621 | | | 27.7 | (997.9) |
| | | | | X= | | | | ϕ | | | | | |
| | | | | Y= | | | | λ | | | | | |
| | | | | X= | | | | ϕ | | | | | |
| | | | | Y= | | | | λ | | | | | |
| | | | | X= | | | | ϕ | | | | | |
| | | | | Y= | | | | λ | | | | | |
| COMPUTED BY | R. J. Pate | | | COMPUTATION CHECKED BY | | | F. P. Margiotta | | | DATE | | 11/10/71 | |
| LISTED BY | | | | LISTING CHECKED BY | | | | | | DATE | | | |
| HAND PLOTTING BY | | | | HAND PLOTTING CHECKED BY | | | | | | DATE | | | |

COMPILATION REPORT

T-13050

31. DELINEATION:

The Wild B-8 Plotter was used with photographs at 1:30,000 scale. Coverage was adequate.

There was no field inspection prior to compilation.

32. CONTROL:

See "Photogrammetric Plot Report, PH-6627, Duncan Canal, Alaska" dated November 21, 1966.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are inapplicable.

Drainage was compiled from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

The shoreline and alongshore details were compiled from office interpretation of the photographs.

36. OFFSHORE DETAILS:

Refer to Item 35.

37. LANDMARKS AND AIDS:

Compilation office prepared work copies of Forms 76-40 were forwarded to the field editor for verification, location and/or deletion.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

Junction has been made with T-13051 to the east and T-13048 to the north. There is no contemporary survey to the west and south.

40. HORIZONTAL AND VERTICAL CONTROL:

See Photogrammetric Plot Report.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with USGS Quadrangle PETERSBURG (C-4), ALASKA, scale 1:63,360, dated 1948.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with Chart 8160, scale 1:80,000, 6th edition, dated July 29, 1963.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted,

Albert C. Rauck, Jr.

J. Bulfer
Cartographer
November 30, 1971

Approved:

Albert C. Rauck, Jr.

Albert C. Rauck, Jr.
Chief, Coastal Mapping Section, AMC

ADDENDUM TO THE COMPILATION REPORT

T-13050

FIELD EDIT

Field editor gave many references to ledge areas but gave no limit lines. They were not shown because of no lower low water photographs. It is suggested that these features be compiled from the hydro work.

T-13050

49. NOTES FOR THE HYDROGRAPHER:

The compilation photographs were taken at 9.7 feet above MLLW with infrared film. There is no other suitable photography available for compilation. Therefore, the development of the foreshore and offshore area detail is incomplete and the hydrographer is cautioned to exercise care when operating inshore.

ALS

November 9, 1971

7/31/80

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6627 (Duncan Canal, Alaska)

JTP-13050

Duncan Canal

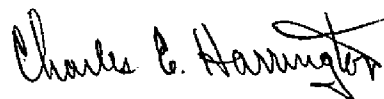
Kah Sheets Bay

Kah Sheets Creek

Kah Sheets Island

Kupreanof Island

Approved by:

Charles E. Harrington
Chief Geographer, C3x5

| FORM C&GS-1002 (9-66) | | U.S. DEPARTMENT OF COMMERCE ESSA COAST AND GEODETIC SURVEY | |
|---|---|---|---|
| PHOTOGRAMMETRIC OFFICE REVIEW | | | |
| T. 13050 | | | |
| 1. PROJECTION AND GRIDS LFB | 2. TITLE LFB | 3. MANUSCRIPT NUMBERS LFB | 4. MANUSCRIPT SIZE LFB |
| CONTROL STATIONS | | | |
| 5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY LFB | 6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) NA | | 7. PHOTO HYDRO STATIONS NA |
| 8. BENCH MARKS NA | 9. PLOTTING OF SEXTANT FIXES NA | 10. PHOTOGRAMMETRIC PLOT REPORT LFB | 11. DETAIL POINTS LFB |
| ALONGSHORE AREAS (Nautical Chart Data) | | | |
| 12. SHORELINE LFB | 13. LOW-WATER LINE LFB | 14. ROCKS, SHOALS, ETC. LFB | 15. BRIDGES LFB |
| 16. AIDS TO NAVIGATION LFB | 17. LANDMARKS LFB | 18. OTHER ALONGSHORE PHYSICAL FEATURES LFB | 19. OTHER ALONGSHORE CULTURAL FEATURES LFB |
| PHYSICAL FEATURES | | | |
| 20. WATER FEATURES LFB | 21. NATURAL GROUND COVER NA | | 22. PLANETABLE CONTOURS NA |
| 23. STEREOSCOPIC INSTRUMENT CONTOURS NA | 24. CONTOURS IN GENERAL NA | 25. SPOT ELEVATIONS NA | 26. OTHER PHYSICAL FEATURES LFB |
| CULTURAL FEATURES | | | |
| 27. ROADS LFB | 28. BUILDINGS LFB | 29. RAILROADS LFB | 30. OTHER CULTURAL FEATURES LFB |
| BOUNDARIES | | | |
| 31. BOUNDARY LINES NA | | 32. PUBLIC LAND LINES NA | |
| MISCELLANEOUS | | | |
| 33. GEOGRAPHIC NAMES LFB | 34. JUNCTIONS LFB | | 35. LEGIBILITY OF THE MANUSCRIPT LFB |
| 36. DISCREPANCY OVERLAY LFB | 37. DESCRIPTIVE REPORT LFB | 38. FIELD INSPECTION PHOTOGRAPHS NA | 39. FORMS LFB |
| 40. REVIEWER L. F. Beugnet <i>Albert C. Rauck, Jr. For</i> | | SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr. | |
| 41. REMARKS (See attached sheet) | | | |
| FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT | | | |
| 42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43. | | | |
| COMPILER <i>C. Blood</i> 11/73 | SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr. | | |
| Reviewer <i>R. R. White</i> 11/73 | | | |
| 43. REMARKS <i>Albert C. Rauck, Jr. For</i> Field edit applied from: Field Edit Ozalid Form 76-40 Hydro Signal Positions | | | |

FIELD EDIT REPORTS

DUNCAN CANAL

SOUTHEAST ALASKA

OPR 448

SEPTEMBER-NOVEMBER 1972

CDR Gerald C. Saladin
NOAA Ship DAVIDSON

FIELD EDIT REPORT
DUNCAN CANAL
SOUTHEAST ALASKA
OPR 448
SEPTEMBER-NOVEMBER 1972

INTRODUCTION

Field edit reports are attached for the following maps:

| | |
|---------|-----------------------|
| T-13043 | Rookery Island |
| T-13045 | Big Castle Island |
| T-13046 | Cloverleaf Island |
| T-13047 | North of Grief Island |
| T-13048 | Little Duncan Bay |
| T-13049 | Fair Island |
| T-13050 | Kah Sheets Island |
| T-13051 | Lung Island |

Field photographs and copies of the field edit ozalids were taken into the field. The mean higher high water line was verified by visual inspection of the shoreline and ozalids in the field. Isolated rocks, ledge limits and some shoreline were located with three-point sextant fixes.

Notes have been made on the appropriate photographs and have been cross-referenced on the field edit ozalids by photograph number. All times are based on 105°W meridian.

Approved,



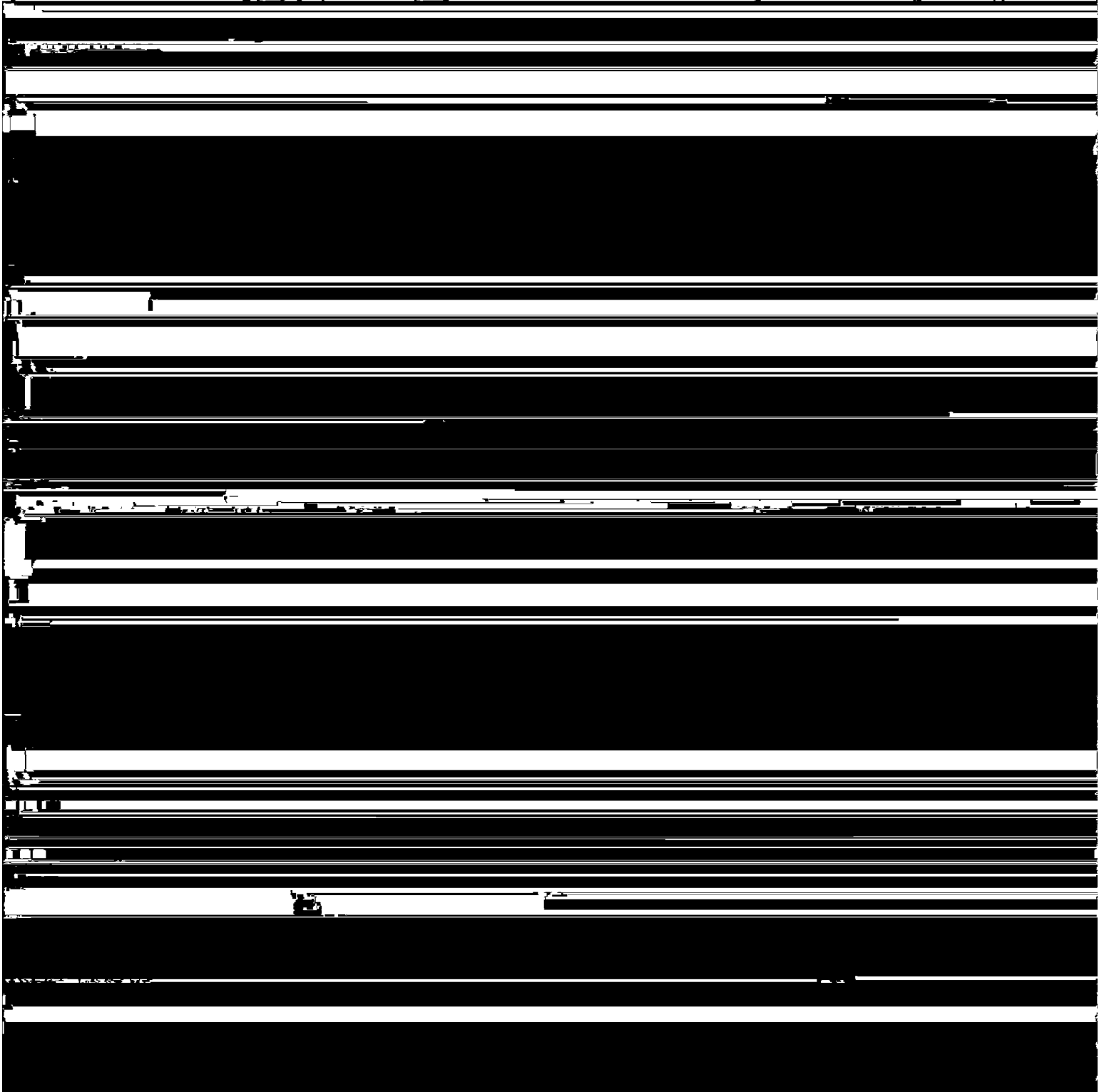
Gerald C. Saladin
CDR/NOAA

Commanding Officer, NOAA Ship DAVIDSON

FIELD EDIT REPORT
MAP T-13050
KAH SHEETS ISLAND
SOUTHEAST ALASKA

ADEQUACY OF COMPILATION

Compilation was adequate considering no previous



REVIEW REPORT T13050

SHORELINE

August 1980

61. GENERAL STATEMENT

See Summary, included in this Descriptive Report. The foul limit and ledge at the southern limit of T13050 was revised using photo 69E(c)2047 enabling a junction with (PH 6909) sheet T12463.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not available

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

Not applicable

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with a verified copy of H-9332 1972 and H-9221 1971. T13050 shows reef Lat $56^{\circ}31.25'$ Long $133^{\circ}05.1'$ at (8) where H-9221 shows this reef at 13.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with chart 17360, 1:217,828 scale, 23rd ed. June 16/79.

No significant differences were noted.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

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

Submitted by: Jim Byrd

Jim Byrd
Final Reviewer

Approved for forwarding:

Albert C. Rauch, Jr.
Chief Photogrammetric Branch, AMC

Approved:

Chief Photogrammetric Branch

Chief Photogrammetric Division

NOAA FORM 76-40
(8-74)

Replaces C&GS Form 567.

NONFLOATING AIDS ON THE WATER FOR CHARTS

**U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION**

ORIGINATING ACTIVITY

- ☐ HYDROGRAPHIC PARTY
☐ GEODETIC PARTY
☐ PHOTO FIELD PARTY
☒ COMPILATION ACTIVITY
☐ FINAL REVIEWER
☐ QUALITY CONTROL & REVIEW GRP.
☐ COAST PILOT BRANCH
- (See reverse for responsible personnel)

The following objects HAVE ☒ HAVE NOT ☐ been inspected from seaward to determine their value as landmarks.

[illegible]

| RESPONSIBLE PERSONNEL | | ORIGINATOR |
|---|--------------|---|
| TYPE OF ACTION | NAME | |
| OBJECTS INSPECTED FROM SEAWARD | R. P. Hewitt | <input checked="" type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify) |
| POSITIONS DETERMINED AND/OR VERIFIED | R. P. Hewitt | FIELD ACTIVITY REPRESENTATIVE |
| FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES | C. E. Blood | OFFICE ACTIVITY REPRESENTATIVE <input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE |
| INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION' (Consult Photogrammetric Instructions No. 64.) | | |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>OFFICE</p> <p>I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75</p> <p>FIELD</p> <p>I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection</p> <p>A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75</p> <p>*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.</p> </div> <div style="width: 45%;"> <p>FIELD (Cont'd)</p> <p>B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982</p> <p>II. TRIANGULATION STATION RECOVERED When a landmark or aid which is also a triangulation station is recovered, enter 'Triang. Rec.' with date of recovery. EXAMPLE: Triang. Rec. 8-12-75</p> <p>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75</p> <p>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</p> </div> </div> | | |