

T-13051

T-13051

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-13051 ...
Classification No. Final Edition No. 1

Field Edited Map

LOCALITY

State Alaska
General Locality Duncan Canal
Locality Lung 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, VA		SURVEY NO. T-13051 MAP EDITION NO. (1) MAP CLASS Final JOB PH. 6627	
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		L. I. Saperstein, D. Norman 11/66 8/72	
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: 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, R. R. White 11/71	
INSTRUMENT: Wild B-8 SCALE: 1:15,000 Glass scale		CONTOURS BY NA CHECKED BY NA	
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: SMOOTH DRAFTING CHECKED BY		T. J. Bulfer 11/71 L. F. Beugnet 12/71	
SCALE: 1:10,000 HYDRO SUPPORT DATA BY CHECKED BY		T. J. Bulfer 11/71 L. F. Beugnet 12/71	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		L. F. Beugnet 12/71	
6. APPLICATION OF FIELD EDIT DATA BY		C. E. Blood 11/73	
7. COMPILATION SECTION REVIEW BY		R. R. White 11/73	
8. FINAL REVIEW BY		R. R. White 11/73	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		Jim Byrd 8/80	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		Jim Byrd 10/80	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		H. D. Wolfe	
		Chief, Photo Map and MAR 1982	

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYT-13051
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 (L) & Wild RC-9 (M)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Pacific	<input checked="" type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				MERIDIAN 120° W	<input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
66 L(I) 5670 thru 5673	7/12/66	09:05 PST	1:30,000	9.7 ft. above MLLW	
72 E(C) 3928 and 3929	6/22/72	13:37 PST	1:30,000	9.0 ft. above MLLW	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

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

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

No mean lower low-water line has been 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-13049	No Survey	No Survey	T-13050

REMARKS

NOAA FORM 76-36C
(3-72)

T-13051

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

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. H. Houlder	5/72
2. HORIZONTAL CONTROL	RECOVERED BY T. R. C.	5/72
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY T. R. C.	5/72
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 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)

1 Form 152 for paneled station LUNG, 1929

T-13051

HISTORY OF FIELD OPERATIONS

1. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	G. C. Saladin	10/72
2. HORIZONTAL CONTROL	RECOVERED BY G. C. Saladin	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 for Charts, to be charted.

Abstract of Hydro signal positions.

Field annotated photographs ~~72 E(C) 3929~~, ~~72 E(C) 3846~~, 66 L(I) 5671, and
66 L (I) 5672

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONT-13051
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 photography.	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 Map	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	Two (2) Aids 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: _____

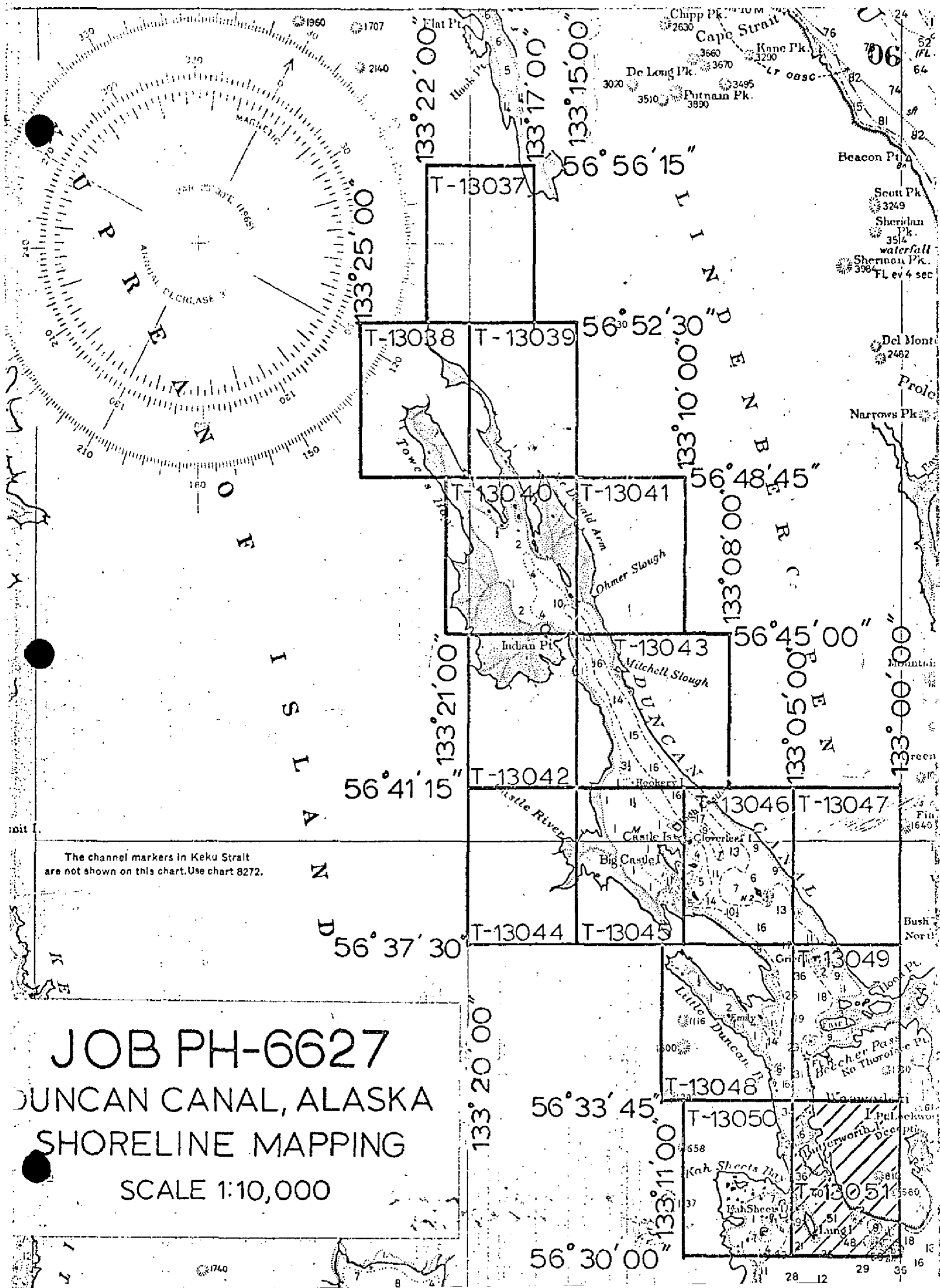
III. FEDERAL RECORDS CENTER DATA

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 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-13051

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:

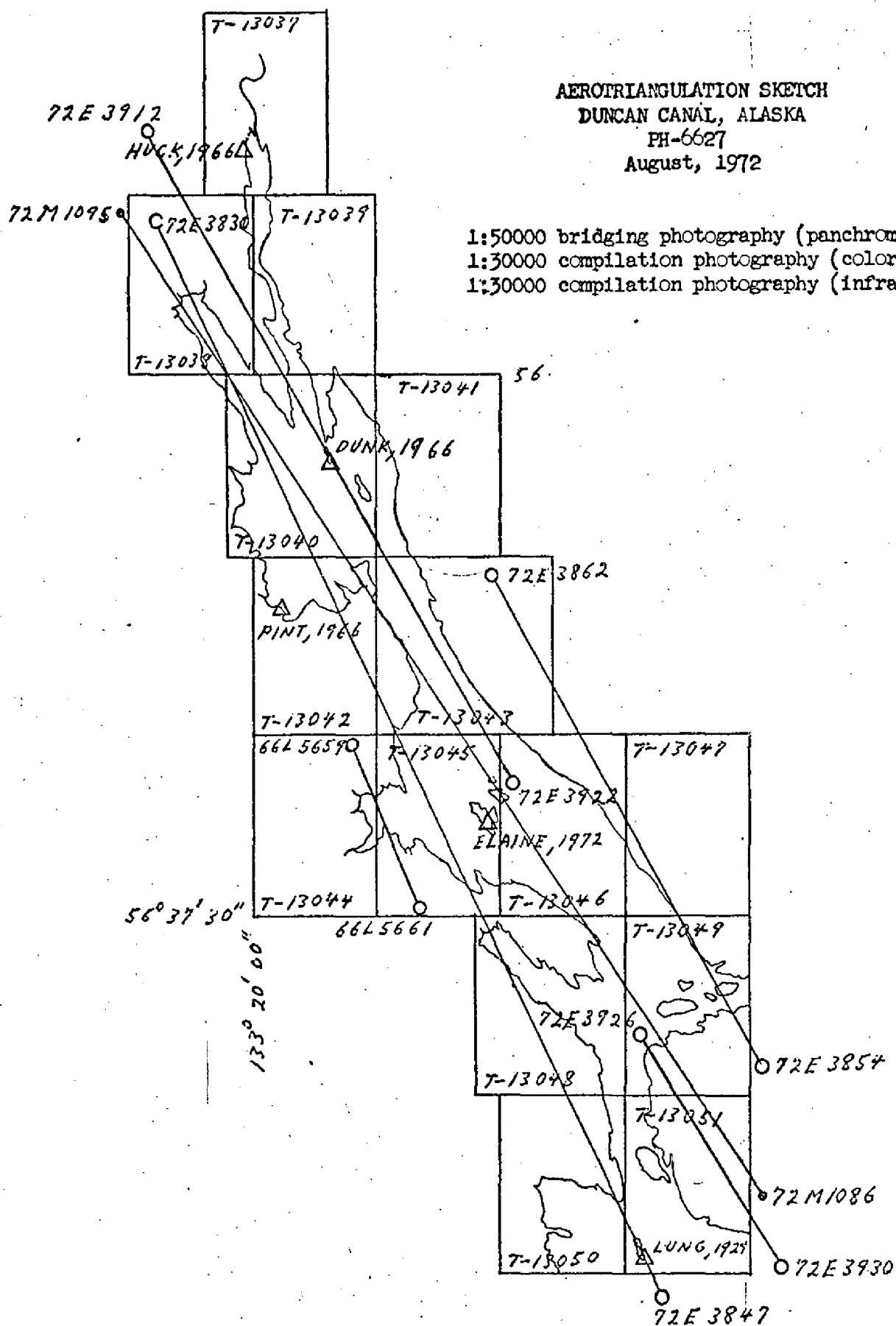
John D. Perrow, Jr.
John D. Perrow, Jr.
Acting Chief
Aerotriangulation Section

Don O. Norman

Don O. Norman
Cartographer

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

1:50000 bridging photography (panchromatic)
1:30000 compilation photography (color)
1:30000 compilation photography (infra-red)



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	PH-6627	GEODETTIC DATUM		COORDINATES IN FEET STATE _____ ZONE _____	GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	REMARKS	
				NA	1927		ϕ LATITUDE λ LONGITUDE	Division, AMC, Norfolk, Virginia		FORWARD	BACK
T-13051	NEAR, 1929	Vol II P. 485			X=	Y=	ϕ	λ	829.1	(1026.8)	
	SOUTH, 1929	Vol II P. 484			X=	Y=	ϕ	λ	11.9	(1844.0)	
	HOPE, 1929	Vol II P. 484			X=	Y=	ϕ	λ	480.4	(1375.5)	
	BARES, 1929	Vol II P. 487			X=	Y=	ϕ	λ	685.6	(1170.3)	
	LUNG, 1929	Vol II P. 483			X=	Y=	ϕ	λ	743.7	(1112.2)	
	ISLE, 1929	Vol II P. 487			X=	Y=	ϕ	λ	1653.0	(202.9)	
	MIDWAY ROCK LIGHT, 1929	Vol II P. 534			X=	Y=	ϕ	λ	887.3	(138.8)	
	END, 1929	Vol II P. 485			X=	Y=	ϕ	λ	1517.7	(338.2)	
	NORTH, 1929	Vol II P. 484			X=	Y=	ϕ	λ	824.3	(201.4)	
	CENTER, 1929	Vol II P. 484			X=	Y=	ϕ	λ	1485.5	(370.4)	
					X=	Y=	ϕ	λ	641.0	(384.2)	
					X=	Y=	ϕ	λ	866.2	(989.7)	
					X=	Y=	ϕ	λ	615.5	(409.8)	
					X=	Y=	ϕ	λ	412.0	(1443.9)	
					X=	Y=	ϕ	λ	428.6	(596.8)	
COMPUTED BY	R. J. Pate				COMPUTATION CHECKED BY	F. P. Margiotta			DATE	11/08/71	
LISTED BY					LISTING CHECKED BY				DATE		
HAND PLOTTING BY					HAND PLOTTING CHECKED BY				DATE		

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	PH-6627	GEODETTIC DATUM		NA	1927	ORIGINATING ACTIVITY		
			COORDINATES IN FEET	GEOGRAPHIC POSITION			Division, AMC, Norfolk, Virginia	Coastal Mapping	
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	STATE	ZONE	ϕ LATITUDE		REMARKS		
					λ LONGITUDE	FORWARD	BACK		
NEW, 1929	Vol II P. 488		X=			ϕ	56 31 05.022	155.3 (1700.6)	
			Y=			λ	133 04 21.304	364.3 (661.7)	
			X=			ϕ			
			Y=			λ			
			X=			ϕ			
			Y=			λ			
			X=			ϕ			
			Y=			λ			
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			X=			ϕ			
			Y=			λ			
			X=			ϕ			
			Y=			λ			
			X=			ϕ			
			Y=			λ			
COMPUTED BY	R. J. Pate		COMPUTATION CHECKED BY		F. P. Margiotta		DATE	11/08/71	
LISTED BY			LISTING CHECKED BY				DATE		
HAND PLOTTING BY			HAND PLOTTING CHECKED BY				DATE		

COMPILATION REPORT

T-13051

31. DELINEATION:

The Wild B-8 Plotter was used with photos 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-13050 to the west and T-13049 to the north. There is no contemporary survey to the east 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 20, 1962

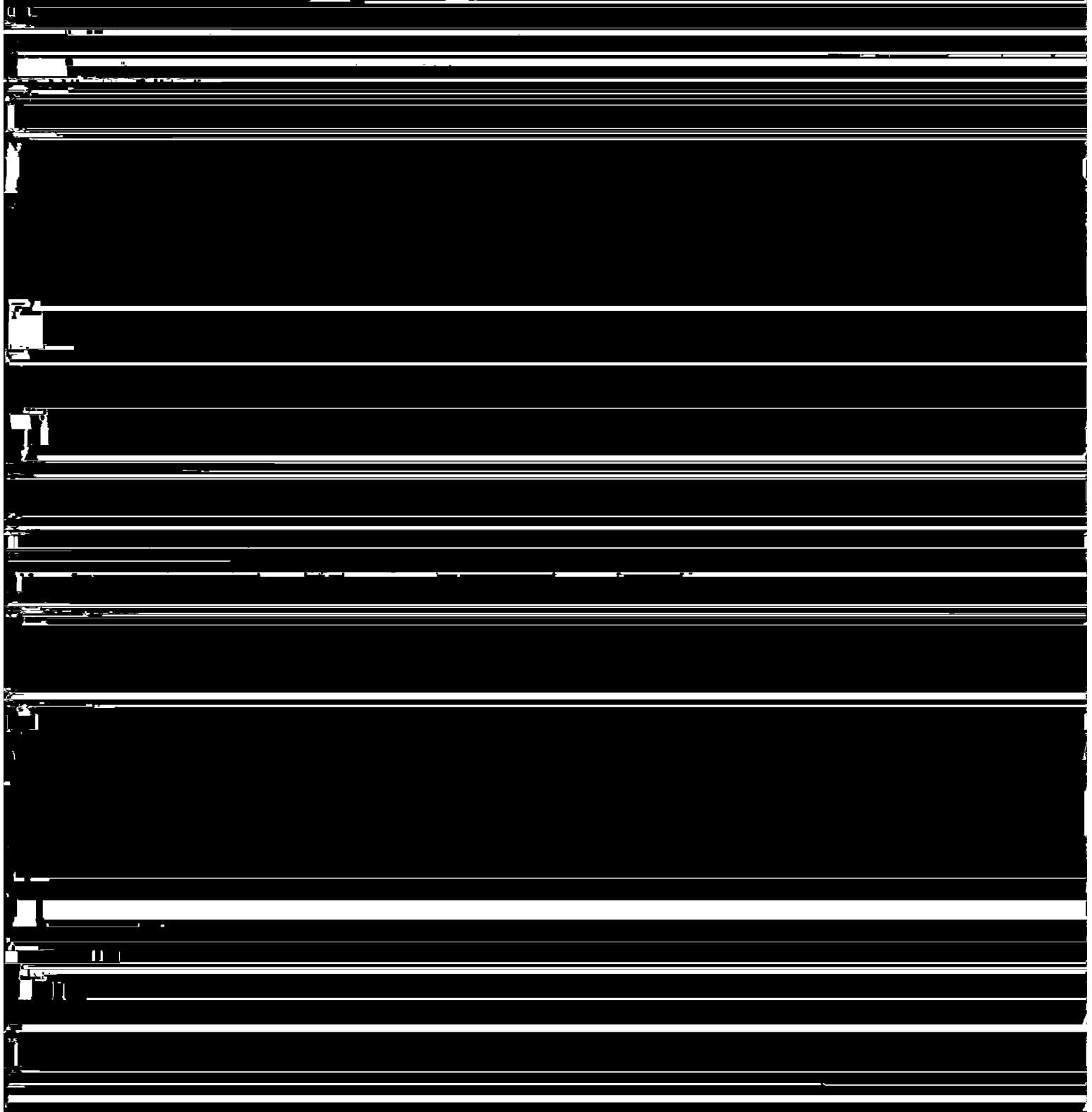


ADDENDUM TO THE COMPILATION REPORT

T-13051

FIELD EDIT

Field editor gave some references to reef and ledge



7/31/80

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6627 (Duncan Canal, Alaska)

TP-13051

Butterworth Island

Duncan Canal

Harvey Lake

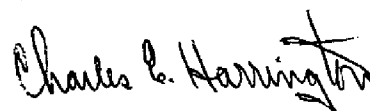
Krauses Hole

Lung Island

Whiskey Pass

Woewodski Island

Approved by:

Charles E. Harrington
Chief Geographer, C3x5

PHOTOGRAMMETRIC OFFICE REVIEW

T. 13051

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 <i>Albert C. Rauck, Jr.</i> L. R. Beugnet		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 Charles Blood <i>Charles Blood</i> 11/73		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
Reviewed R. R. White 11/73			
43. REMARKS <i>Albert C. Rauck, Jr.</i> Field Edit applied from: Field Edit Ozalid, Photographs 72 E(C) 3929 & 3846 and 66 L(I) 5671 & 5672 Form 76-40 List of Positions for Hydro Signals			

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-13051
LUNG ISLAND
SOUTHEAST ALASKA

ADEQUACY OF COMPILATION

The compilation was adequate considering no previous field inspection. Heights were given on all rocks, many of which were extensions of shoreline.

RECOMMENDATIONS

None.

AIDS TO NAVIGATION

There are two aids to navigation on this sheet, see Form 76-40.

GEOGRAPHIC NAMES

No geographic names investigation was accomplished.

MISCELLANEOUS

All triangulation was searched for and a Form 526 submitted for each, with the exception of stations HOPE, ISLE, BARES, LUNG and END. All work was accomplished on 12 October 1972. Time zone used was 105°W.

Respectfully submitted,

Roger P. Hewitt

Roger P. Hewitt

LT/NOAA

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	R. P. Hewitt
POSITIONS DETERMINED AND/OR VERIFIED	R. P. Hewitt
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	C. E. Blood

INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'
(Consult Photogrammetric Instructions No. 64,

FIELD (Cont'd)	
<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>	<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>

REVIEW REPORT T13051

SHORELINE

August 1980

61. GENERAL STATEMENT

See Summary, included in this Descriptive Report.

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). No significant differences were noted.

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. Act.
Chief, Photogrammetric Branch, AMC

Approved:

Chief, Photogrammetric Branch

Chief, Photogrammetric Division