

TP-00316

TP-00316

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
DESCRIPTIVE REPORT	
This Map Will Not Be Field Edited	
Map No. TP-00316	Edition No. One
Job No. PH-7017	
Map Classification Final Class III	
Type of Survey Shoreline	
LOCALITY	
State Alaska	
General Locality Afognak and Kodiak Islands	
Locality Spiridon Bay	
19 ₇₁ TO 19	
REGISTERED IN ARCHIVES	
DATE	

DESCRIPTIVE REPORT

TP-00316

TABLE OF CONTENTS

NOAA FORM 76-36A, DESCRIPTIVE REPORT - DATA RECORD	 1
NOAA FORM 76-36B, COMPILATION SOURCES	 2
NOAA FORM 76-36C, HISTORY OF FIELD OPERATIONS	 3
NOAA FORM 76-36D, RECORD OF SURVEY USE	 4
PROJECT DIAGRAM	 5
SUMMARY	 6
FIELD INSPECTION NOTE	 8
PHOTOGRAMMETRIC PLOT REPORT (AEROTRIANGULATION REPORT)	 9
NOAA FORM 76-41, DESCRIPTIVE REPORT CONTROL RECORD	 11
COMPILATION REPORT	 12
REVIEW REPORT	 15
GEOGRAPHIC NAMES, FINAL NAMES SHEET	 17
INDEX TO PROJECT DATA AND MATERIAL ON FILE	 18
FORM C&GS-8352, RECORD OF APPLICATION TO CHARTS	 21

NOAA FORM 76-36A
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY

- ☒ ORIGINAL
☐ RESURVEY
☐ REVISED

SURVEY TP. 00316

MAP EDITION NO. (1)

MAP CLASS Final
Class III

JOB PH-7017

PHOTOGRAMMETRIC OFFICE

Atlantic Marine Center
Norfolk, Virginia

OFFICER-IN-CHARGE

Jeffrey G. Carlen, Cdr., NOAA

LAST PRECEDING MAP EDITION

TYPE OF SURVEY

- ☐ ORIGINAL
☐ RESURVEY
☐ REVISED

JOB PH-_____

MAP CLASS _____

SURVEY DATES:

19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE

Aerotriangulation Instr. Nov. 19, 1971
 Office Instr. Apr. 17, 1972
 Office Instr., Supplement 1 May 11, 1973
 Office Instr., Amendment 1 Not Dated

2. FIELD

Field Support Instr. May 03, 1971

II. DATUMS

1. HORIZONTAL:

☒ 1927 NORTH AMERICAN

OTHER (Specify)

2. VERTICAL:

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

OTHER (Specify)

3. MAP PROJECTION

Polyconic

4. GRID(S)

STATE

Alaska

ZONE

5

5. SCALE

1:20,000

STATE

ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION	BY	R. B. Kelly	May 1973
METHOD: Analytic	LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS	PLOTTED BY	Allen	May 1973
METHOD: Coradomat	CHECKED BY		
3. STEREOSCOPIC INSTRUMENT	PLANIMETRY BY	J. Roderick	Apr. 1980
COMPILATION	CHECKED BY	F. Mauldin	Apr. 1980
INSTRUMENT Wild B-8 Stereoplotter	CONTOURS BY	N/A	
SCALE: 1:20,000	CHECKED BY	N/A	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	L. Williams	Apr. 1980
	CHECKED BY	F. Margiotta	Apr. 1980
METHOD: Smooth Drafted	CONTOURS BY	N/A	
	CHECKED BY	N/A	
SCALE: 1:20,000	HYDRO SUPPORT DATA BY	L. Williams	Apr. 1980
	CHECKED BY	F. Margiotta	Apr. 1980
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	F. Margiotta	Apr. 1980
6. APPLICATION OF FIELD EDIT DATA	BY	N/A	
	CHECKED BY	N/A	
7. COMPILATION SECTION REVIEW	BY	D. Butler	Apr. 1986
8. FINAL REVIEW	BY	J. Massey	Feb. 1987
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY		
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	E. L. DAUGHERTY	JUN '87

NOAA FORM 76-36A

SUPERSEDES FORM C&GS 181 SERIES

* U. S. G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)

TP-00316

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

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8"E" (152.71mm F.L.) Wild RC-9"M" (88.20mm F.L.)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	☒ STANDARD ☐ DAYLIGHT
☒ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☐ TIDE CONTROLLED PHOTOGRAPHY				Alaska	
				MERIDIAN	150th
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 71 M (P) 174-177	07/04/71	10:44	1:60,000	10.3 ft. Above MLLW	
* 71 M (P) 349-350	08/03/71	09:24	1:60,000	9.1 ft. Above MLLW	
** 71 E (C) 6213-6215	07/04/71	15:07	1:20,000	5.9 ft. Above MLLW	
** 71 E (C) 6205-6211	07/04/71	15:00	1:20,000	6.0 ft. Above MLLW	

REMARKS * Denotes bridging and compilation photography at 1:60,000 scale
 ** Denotes hydro support photography, color, at 1:20,000 scale

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from the above listed
 1:60,000-scale, compilation photography.

3. SOURCE OF [REDACTED] MEAN LOWER LOW-WATER LINE:

The partial mean lower low water line was delineated graphically
 from a 1:20,000-scale, color hydro support photograph. The
 exposure used, 71 E (C) 6707, is listed on form 76-36B for
 map manuscript TP-00312, because the photograph center falls
 within the confines of that map. Refer to the form 76-36B for
 TP-00312 for additional information.

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
TP-00312	No Survey	No Survey	No Survey

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00316
HISTORY OF FIELD OPERATIONS

1. ☒ FIELD OPERATION				☐ FIELD EDIT OPERATION			
OPERATION				NAME		DATE	
1. CHIEF OF FIELD PARTY				R. F. Lanier		June 1971	
2. HORIZONTAL CONTROL				RECOVERED BY		L. L. Riggers	
				ESTABLISHED BY		None	
				PRE-MARKED OR IDENTIFIED BY		L. L. Riggers	
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		None	
				LOCATED (Field Methods) BY		None	
				IDENTIFIED BY		None	
5. GEOGRAPHIC NAMES INVESTIGATION				TYPE OF INVESTIGATION			
				☐ COMPLETE		BY	
				☐ SPECIFIC NAMES ONLY			
				☒ NO INVESTIGATION		None	
6. PHOTO INSPECTION				CLARIFICATION OF DETAILS BY		None	
7. BOUNDARIES AND LIMITS				SURVEYED OR IDENTIFIED BY		N/A	
II. SOURCE DATA							
1. HORIZONTAL CONTROL IDENTIFIED				2. VERTICAL CONTROL IDENTIFIED			
				N/A			
PHOTO NUMBER	STATION NAME			PHOTO NUMBER	STATION DESIGNATION		
71 M 341	1 ST, 1929						
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 ☒ NONE				6. 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)							
One Form 152							

TP-00316
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	Apr. 29, 1980	Class III Manuscript	Apr 30, 1980	Apr 30, 1980
		Unreviewed Class III Manuscript to Charles Lewis N/CG2321 for Marine Charts.	July 1984	

II. LANDMARKS AND AIDS TO NAVIGATION None

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: None3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: None

III. FEDERAL RECORDS CENTER DATA

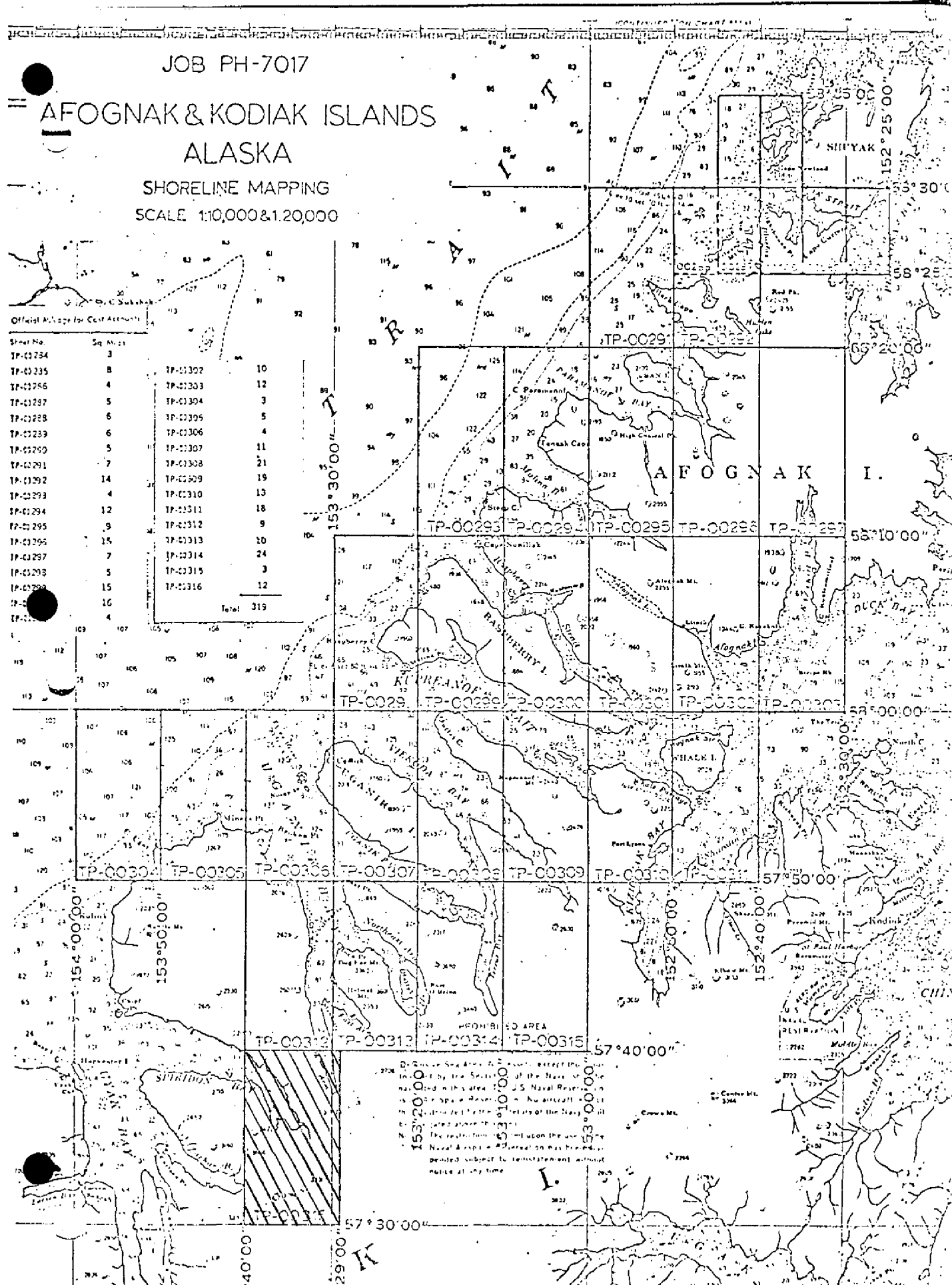
1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
 3. ☐ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS:
 4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: 6/3/87

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

SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

AFOGNAK & KODIAK ISLANDS
ALASKA

Sheet No.	Sq. Area		
TP-01234	3		
TP-01235	8	TP-01302	10
TP-01256	4	TP-01303	12
TP-01287	5	TP-01304	3
TP-01288	6	TP-01305	5
TP-01289	6	TP-01306	4
TP-01290	5	TP-01307	11
TP-01291	7	TP-01308	21
TP-01292	14	TP-01309	19
TP-01293	4	TP-01310	13
TP-01294	12	TP-01311	18
TP-01295	9	TP-01312	9
TP-01296	15	TP-01313	10
TP-01297	7	TP-01314	24
TP-01298	5	TP-01315	3
TP-01299	15	TP-01316	12
TP-01300	16		
TP-01301	4		
		Total	319



SUMMARY

Project PH-7017, Afognak and Kodiak Islands, Alaska, consists of 33 maps. Seven, TP-00284 through TP-00290, are at 1:10,000 scale and 26, TP-00291 through TP-00316, are at 1:20,000 scale. The project area is the northwestern coast line of Kodiak and Afognak Islands and their interface with Shelikof Strait. The project extends from Big Bay in the northeast to Cape Ugat in the southwest. The photogrammetric survey depicts the shoreline and other cartographic features of mapping interest in the coastal areas and navigable waterways bisecting the islands.

The purpose of the project was to provide shoreline data for maintenance of the Nautical Charting Program and in support of hydrographic survey operations planned for the area.

Field operations consisted of recovery, establishment, and identification (premarking) of horizontal control necessary for aerotriangulation. No field inspection was conducted for this project. Panchromatic photographs required for aerotriangulation of the entire project area and subsequent compilation of the 1:20,000-scale maps were obtained with the RC-9 "M" camera at 1:60,000 scale. Supplemental color photographs at 1:20,000 scale were acquired for those areas to be mapped at 1:20,000 scale using the RC-8 "E" camera. Areas to be mapped at 1:10,000 scale were covered by 1:30,000-scale color compilation photographs also obtained with the RC-8 "E" camera. The 1:30,000-scale compilation photographs were controlled by aerotriangulated points derived from the 1:60,000-scale panchromatic photographs. All calculations pertaining to the vertical relationship of the photographs to the datums, mean lower low water and mean high water, were derived from predicted tidal information.

A field edit was performed by personnel of the Pacific Marine Center's hydrographic survey vessels, while conducting hydrographic survey operations in selected areas. These field edits, occurring over four field seasons, were limited to the boundaries of the hydrographic surveys, thereby creating numerous partially field edited maps. Field edits occurred during the 1972, 1973, 1977, and 1981 field seasons.

The aerotriangulation of the project was divided into two phases (Part I and II), in order to expedite the delivery of photogrammetric map data in support of hydrographic survey operations. Eighteen strips of photographs were bridged using analytic aerotriangulation methods. Horizontal control used was field identified (premarked). Vertical control was taken from U. S. Geological Survey quadrangles. Aerotriangulated control proved adequate and meets the requirements of the National Standards of Map Accuracy.

Compilation was performed in the Coastal Mapping Section, Atlantic Marine Center, Norfolk, Virginia. Delineation was accomplished using a Wild B-8 stereoplotter through application of standard shoreline mapping techniques. This was supplemented by graphic compilation techniques in selected areas. Delineation was based on an office interpretation of the 1:60,000 scale panchromatic, and 1:20,000- and 1:30,000-scale natural color, photographs. All line work on the base maps was smooth drafted. In areas where the stage of tide for individual photographs, based on predictions, was determined to be within the required 1 foot of the vertical datum mean lower low water, the approximate datum was delineated on the map using graphic compilation techniques.

Final review was performed in the Coastal Mapping Unit, Rockville Maryland, office. The base maps and associated data of this project meet the requirements of the National Standards of Map Accuracy. The base maps and reports comply with the project instructions.

The Descriptive Reports prepared for each map contain all the information pertaining to the completion of each map.

FIELD INSPECTION

TP-00316

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

PHOTOGRAMMETRIC PLOT REPORT
AFOGNAK ISLAND, ALASKA, PART II
Job PH-7017
May 1973

21. AREA COVERED

This report covers sheets TP-00296 thru TP-00316 on Afognak Island, Alaska, at 1:20,000 scale.

22. METHOD

Ten strips of photography were bridged by analytic aerotriangulation methods and adjusted to ground on the Alaska State Plane Coordinate System, Zone 5. The ten strips were also adjusted as a block. The attached sketch shows the placement of horizontal control. A list of closures to control is part of this report. Ties with Part I to the north was made by using five common control stations. Data for plotting manuscripts for compilation were assembled for ruling and plotting by the Coradomat. For the 1:20,000 scale maps, ratio prints of the bridging photography were ordered. (One each of cronapaque and matte).

23. ADEQUACY OF CONTROL

All control was adequate and held well within the accuracy required by National Standards of Maps at 1:20,000 scale.

24. SUPPLEMENTAL DATA

US Geological Survey quadrangles were used to provide elevations for vertical adjustments of bridges.

25. PHOTOGRAPHY

RC-9 black and white film positives were adequate as to coverage, overlay, and definition.

Submitted by,

Robert B. Kelly
Robert B. Kelly

Approved and forwarded:

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

CLOSURES TO CONTROL (BLOCK ADJUSTMENT)

1	Kazakof, 1971 Sub. Sta.	(+ 0.1, + 0.3)
2	Ostro, 1971	(- 0.2, 0.0)
3	Slot, 1971	(+ 0.3, + 0.3)
4	Line, 1929	(- 0.2, + 0.3)
5	Settle, 1971 Sub. Sta.	(- 0.2 - 0.3)
6	Tie, 1941 Sub. Sta.	(- 0.7 + 0.3)
7	Dolphin Point Lt. 1941	(- 1.0 + 8.7)
8	Bay Cove Point 1907, 1908	(+0.5 - 0.4)
9	Pov, 1908	(+ 7.2 +7.8)
10	Cape Uganik, 1908	(+ 0.1 - 0.8)
11	Mesa, 1908	(+ 1.3, + 1.2)
12	Nun, 1941	(+ 0.8, + 0.7)
13	Raspberry Strait Lt.	(+ 2.1, + 3.5)
14	Bird Rock, 1908	(0.0, + 0.1)
15	1st, 1908, 1929	(0.0, - 0.3)
16	West Point, 1908	(+ 0.8, +0.3)
17	Cape Ugat, 1908	(+ 0.1, 0.0)

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETIC DATUM		AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY		REMARKS
			PH-7017	Na 1927		STATE Alaska	ZONE 5	φ LATITUDE	λ LONGITUDE	Division, Norfolk, Va.	Coastal Mapping	
TP-00316												
LOAM, 1908		Quad 57153 Pg. 14				X=	φ 57 39 11.467					354.8 (1501.4)
						Y=	λ 153 29 55.113					914.0 (81.1)
1 ST, 1908		Quad 57153 Pg. 1				X=	φ 57 38 56.382					1744.3 (111.9)
						Y=	λ 153 30 36.506					605.5 (389.7)
FINIS, 1908		Quad 57153 Pg. 9				X=	φ 57 37 41.843					1294.5 (561.8)
						Y=	λ 153 29 39.780					660.2 (335.6)
STREAM, 1929		Quad 57153 Pg. 25				X=	φ 57 39 07.623					235.8 (1620.4)
						Y=	λ 153 38 40.869					677.8 (317.3)
SLOPE, 1929		Quad 57153 Pg. 23				X=	φ 57 38 30.615					947.1 (909.1)
						Y=	λ 153 36 41.254					684.4 (311.0)
TIPE, 1929		Quad 57153 Pg. 26				X=	φ 57 37 32.290					999.0 (857.2)
						Y=	λ 153 35 24.946					414.1 (581.7)
LIMIT, 1929		Quad 57153 Pg. 14				X=	φ 57 36 19.082					590.3 (1265.9)
						Y=	λ 153 35 57.920					961.9 (34.5)
UP, 1929		Quad 57153 Pg. 27				X=	φ 57 37 53.966					1669.5 (186.7)
						Y=	λ 153 38 22.173					368.0 (627.6)
BEAR, 1929		Quad 57153 Pg. 2				X=	φ 57 38 27.027					836.1 (1020.1)
						Y=	λ 153 39 36.186					6003. (395.1)
						X=	φ					
						Y=	λ					
COMPUTED BY	A. C. Rauck, Jr.		DATE	5/31/73		COMPUTATION CHECKED BY		C. Blood			DATE	6/1/73
LISTED BY			DATE			LISTING CHECKED BY					DATE	
HAND PLOTTING BY			DATE			HAND PLOTTING CHECKED BY					DATE	

COMPILATION REPORT

TP-00316

31. DELINEATION:

Delineation was by the Wild B-8 Stereoplotter. The mean high water line was compiled using the Wild B-8 stereoplotter, and the 1:60,000-scale panchromatic compilation photography listed on form 76-36B. A partial mean lower low water line was compiled graphically using the 1:20,000-scale color, "C" camera photograph 71 E (C) 6707. The photograph center falls on map manuscript TP-00312 and is listed on NOAA Form 76-36B, Compilation Photography for that map. The quality of the photography was adequate.

32. CONTROL:

See the attached Photogrammetric Plot Report, dated May, 1973.

33. SUPPLEMENTAL DATA:

None

34. CONTOURS AND DRAINAGE:

Contours are not applicable to this project. Drainage was delineated by the Wild B-8 Stereoplotter and by office stereoscopic interpretation of the ratioed photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

Alongshore details were delineated by the Wild B-8 Stereoplotter and by office inspection of the ratioed photographs.

The mean high water line was delineated from the compilation photographs listed on NOAA Form 76-36B, Compilation Photography.

36. OFFSHORE DETAILS:

No unusual problems were encountered.

37. LANDMARKS AND AIDS:

None

38. CONTROL FOR FUTURE SURVEYS:

None

39. Junctions:

See the Form 76-36 B, item #5 concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY:

Refer to the Photogrammetric Plot Report dated May, 1973.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with the following U.S. Geological Survey Quadrangle: Kodiak (C-5) Alaska,, 1:63,360-scale and dated 1954.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with National Ocean Survey chart: 16597, 1:80,000-scale, dated May 16, 1970, 3rd edition.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None

ITEMS TO BE CARRIED FORWARD:

None

Submitted by:

LS/

L. Williams
Cartographic Aid
Date: April 29, 1980

Approved for forwarding:

Albert C. Rauck Jr.
Chief, Coastal Mapping Division
Atlantic Marine Center

REVIEW REPORT
TP-00316

61. General Statement

Refer to the summary bound with this Descriptive Report for an overview of the photogrammetric operations related to the production of this map and associated data.

62. Comparison with Registered Topographic Surveys

Comparison with registered topographic surveys was not a requirement for this project.

63. Comparison with Maps of Other Agencies

Refer to item 46 of the Compilation Report bound with this Descriptive Report for detailed information on this topic.

64. Comparison with Hydrographic Surveys

Comparison with hydrographic surveys was not a requirement for this project.

65. Comparison with Nautical Charts

Refer to item 47 of the Compilation Report bound with this Descriptive Report for information on this topic.

66. Adequacy of Results and Future Surveys

This map meets the National Standards of Map Accuracy and the requirements specified in the project instructions.

67. Mean Lower Low Water Line

An approximate mean lower low water line was delineated in the area of "South Arm" as it appears on this manuscript. The symbolized line was delineated through an office interpretation and by graphic compilation techniques of the 1:20,000-scale "E" camera, color photography listed on NOAA Form 76-36 B, item #1, Compilation Photography for map manuscript TP-00312. Listing on the NOAA Form 76-36 B, for TP-00312 rather than TP-00316 was necessary because the photograph center falls within the map TP-00312 limits. The stage of tide indicated for the photographs was based on predicted tides. The mean lower low water line depicted should be considered approximate and advisory only.

For more information on the datum, mean lower low water, refer to the contemporary hydrographic survey of the area.

68. Project Limits

In an effort to complete the compilation of the southern portion of the "South Arm" of Uganik Bay, the compilation activity delineated map detail beyond the eastern neat limits of manuscript TP-00316. The map detail depicted was delineated using photographs that were based on aerotriangulated control that had met the National Standards of Map Accuracy requirements. As such the detail meets the requirements for National Standards of Map Accuracy and an office interpretation of the mapping photography.

69. Delineation

Map detail was compiled on the Wild B-8 stereoplotter using the 1:60,000-scale "M" camera, panchromatic photography. This was supplemented by office interpretation and graphic compilation techniques of the 1:20,000-scale "E" camera, color photography, both of which are listed on NOAA Form 76-36 B, Compilation Photography.

Submitted by,

D. Butler
Office Reviewer

Approved by,

July O. Robson
Acting Chief, Photogrammetric Production Section

A. Y. Bryan CDR NOAA
Chief, Photogrammetry Branch

James W. Massey
J. Massey
Final Reviewer

Mar. 2, 1973

GEOGRAPHIC NAMES
FINAL NAMES SHEET
PH-7017 (Alaska)

TP-00316

Kodiak Island
South Arm
Spiridon Bay
Stream Point
Telrod Cove
Weasel Cove

Approved by:

A. J. Wright
A. Joseph Wright
Chief Geographer

Prepared by:

C. E. Harrington
C. E. Harrington
Cartographer

INDEX TO PROJECT DATA AND MATERIAL ON FILE

PH-7017

AFOGNAK AND KODIAK ISLANDS, ALASKA

NATIONAL ARCHIVES/FEDERAL RECORDS CENTER

BROWN JACKETS:* Denotes Field Edit Information

1 of 3: - Project Map Diagram/Photogrammetric Flight
Line Layout

- * - 1 Paper & 2 Film Ozalids, TP-00286
- * - 1 Paper & 2 Film Ozalids, TP-00287
- * - 1 Paper & 2 Film Ozalids, TP-00288
- * - 1 Paper & 1 Film Ozalid, TP-00289
- * - 1 Paper & 1 Film Ozalid, TP-00290
- * - 1 Paper Ozalid, TP-00291
- * - 1 Paper Ozalid, TP-00292
- * - 1 Film Ozalid, TP-00293
- * - 1 Paper & 1 Film Ozalid, TP-00294
- * - 1 Paper & 1 Film Ozalid, TP-00295
- * - 1 Paper Ozalid, TP-00296
- * - 1 Film Ozalid, TP-00297
- * - 1 Paper & 1 Film Ozalid, TP-00301
- * - 1 Film Ozalid, TP-00303
- * - 1 Film Ozalid, TP-00310
- * - 1 Film Ozalid, TP-00311

- 2 of 3: - Binder of Aerotriangulation Printouts
- Binder Descriptive Report Control Records
C&GS Form 164
- Binder of Photographic Flight Report
ESSA Form 76-15
- Binder of Control Station Identification
Cards, C&GS Form 152
- * - Binder of Computed Tide Curve Graphs &
Stage of Tide Computations for Photographic
and Field Edit Data
- * - Binder of Pacific Marine Center generated
Computer Addendum to Horizontal Control
Reports
- * - Binder Tide Data and Zoning Information
- Bridging Photographs and Film Positives

- 3 of 3:* - 1 Sounding Volume for TP-00303
- * - 1 Sounding Volume for TP-00310
- * - 1 Sounding Volume for TP-00311

PHOTOGRAPHS 9X9 FORMAT

- * - NOS 3 Aug. 71 E (C) 7352 thru 7355
- * - NOS 3 Aug. 71 E (C) 7269, 7270, 7272, 7294, 7295
- * - NOS 10 Jul. 71 E (C) 6708 thru 6710, 6726 thru 6730, 6734, 6736, 6738, 6739, 6741 thru 6743
- * - NOS 10 Jul. 71 E (C) 6642, 6645, 6646, 6648, 6649, 6668
- * - NOS 6 Jul. 71 E (C) 6362 thru 6370
- * - NOS 5 Jul. 71 E (C) 6217 thru 6226
- * - NOS 4 Jul. 71 E (C) 6113
- * - NOS 5 Jul. 71 E (C) 6141, 6151, 6152
- * - NOS 4 Jul. 71 E (C) 6044 thru 6047, 6049, 6050, 6076 thru 6078, 6081, 6091 thru 6094
- * - NOS 4 Jul. 71 E (C) 5995, 5996

PHOTOGRAPH SEGMENTS

- * - NOS 4 Jul. 71 M (P) 220
- * - NOS 4 Jul. 71 M (P) 221
- * - NOS 4 Jul. 71 M (P) 222
- * - NOS 4 Jul. 71 M (P) 225, Parts A,B,C
- * - NOS 3 AUG. 71 M (P) 319
- * - NOS 3 Aug. 71 M (P) 320
- * - NOS 3 Aug. 71 M (P) 322
- * - NOS 3 Aug. 71 M (P) 323
- * - NOS 3 Aug. 71 M (P) 324, Parts A,B
- * - NOS 3 Aug. 71 M (P) 325
- * - NOS 3 Aug. 71 M (P) 326, Parts A,B
- * - NOS 5 Jul. 71 E (C) 6246
- * - NOS 5 Jul. 71 E (C) 6247
- * - NOS 6 Jul. 71 E (C) 6282
- * - NOS 6 Jul. 71 E (C) 6281
- * - NOS 6 Jul. 71 E (C) 6283
- * - NOS 6 Jul. 71 E (C) 6284
- * - NOS 6 Jul. 71 E (C) 6290
- * - NOS 6 Jul. 71 E (C) 6291
- * - NOS 6 Jul. 71 E (C) 6318
- * - NOS 6 Jul. 71 E (C) 6321
- * - NOS 6 Jul. 71 E (C) 6323
- * - NOS 6 Jul. 71 E (C) 6333
- * - NOS 6 Jul. 71 E (C) 6334
- * - NOS 6 Jul. 71 E (C) 6335

PROJECT COMPLETION REPORT

AGENCY ARCHIVES

Registration Copy of the Map
Descriptive Report of the Map

PHOTOGRAMMETRIC ELECTRONIC DATA LIBRARY

There is no digital data for this project

REPRODUCTION BRANCH

8X Reduction Negative of Map

OFFICE OF THE STAFF GEOGRAPHER

Geographic Names Standard

