

TP-00300

TP-00300

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-00300	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 Muskomee Bay	
19 ₇₁ TO 19	
REGISTERED IN ARCHIVES	
DATE	

DESCRIPTIVE REPORT

TP-00300

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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 Atlantic Marine Center Norfolk, Virginia		SURVEY TP. <u>00300</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> <u>Class III</u> JOB <u>PH. 7017</u>	
OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr., NOAA		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB <u>PH.</u> MAP CLASS <u></u> SURVEY DATES: 19 <u></u> TO 19 <u></u>	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation Instr. Nov. 19, 1971 Office Instr. Apr. 17, 1972 Office Instr., Supplement 1 May 11, 1973 Office Instr., Amendment 1 Not Dated		Field Support Instr. May 03, 1971	
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 <u>Alaska</u> ZONE <u>5</u>	
5. SCALE 1:20,000		STATE <u></u> ZONE <u></u>	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		R. B. Kelly	May 1973
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Coradomat</u> CHECKED BY		Allen	May 1973
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: <u>Wild B-8 Stereoplotter</u> CONTOURS BY SCALE: <u>1:20,000</u> CHECKED BY		C. E. Blood L. O. Neterer & A. C. Rauck N/A N/A	June 1973 6/73
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: <u>Smooth Drafted</u> CONTOURS BY SCALE: <u>1:20,000</u> CHECKED BY HYDRO SUPPORT DATA BY		L. B. Foltz R. R. White N/A N/A L. B. Foltz R. R. White	June 1973 June 1973 June 1973 June 1973
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		R. R. White	June 1973
6. APPLICATION OF FIELD EDIT DATA BY		N/A	
7. COMPILATION SECTION REVIEW BY		D. Butler	Feb. 1986
8. FINAL REVIEW BY		J. Massey	Jan. 1987
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY			
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		J. Massey	1/87
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		E. L. DAUGHERTY	JUN '87

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00300
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	
<input checked="" type="checkbox"/> PREDICTED TIDES				Alaska	
<input type="checkbox"/> REFERENCE STATION RECORDS				MERIDIAN	
<input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				150th	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
71 M (P) 226-228	07/04/71	11:31	1:60,000	9.1 ft. Above MLLW
71 E (C) 6376-6377	07/05/71	15:35	1:20,000	6.4 ft. Above MLLW
71 E (C) 6674-6681	07/10/71	09:35	1:20,000	2.2 ft. Below MLLW
71 E (C) 6663-6667	07/10/71	09:21	1:20,000	3.0 ft. Below MLLW
71 E (C) 6749	07/10/71	10:46	1:20,000	1.1 ft. Above MLLW
71 E (C) 6654-6660	07/07/71	09:13	1:20,000	3.0 ft. Below MLLW

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from the above listed photographs.

3. SOURCE OF [REDACTED] 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
TP-00294	TP-00301	TP-00309	TP-00299

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00300
HISTORY OF FIELD OPERATIONSI. ☒ 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	June 1971
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY R. F. Lanier	June 1971
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 <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION BY	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY None	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
71M 226	TIE, 1941		

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)

One form 152

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	June 1973	Class III manuscript	8/07/73	8/07/73

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1	Chart Letter #245 (1987)	Apr. 2, 1987	One aid for charts

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: None
3. ☐ 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 <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 PH-7017

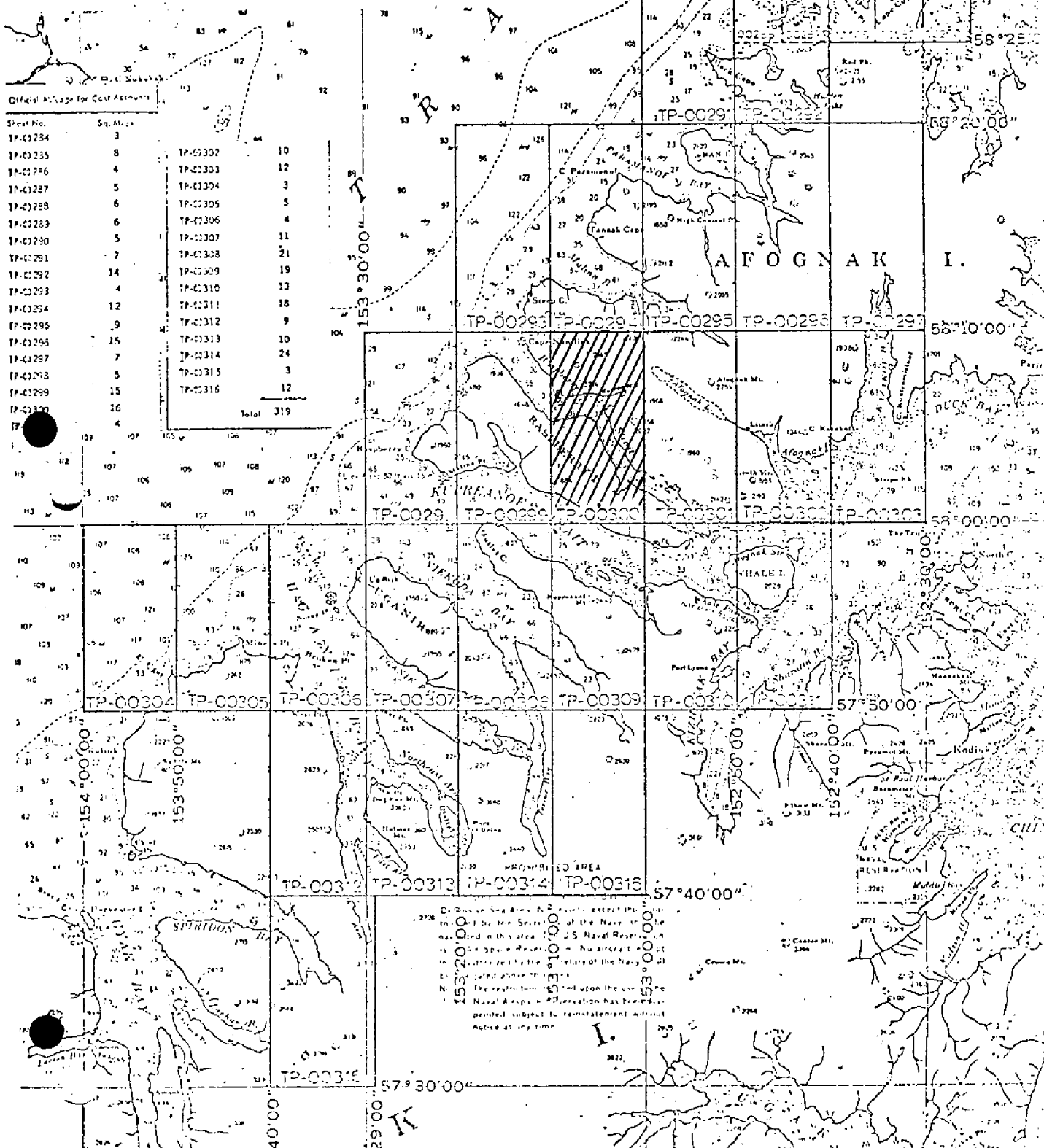
AFOGNAK & KODIAK ISLANDS
ALASKA

SHORELINE MAPPING

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

Official Website for Fiat Accounts

Sheet No.	Sq. No.		
TP-01284	3	TP-01307	10
TP-01285	8	TP-01303	12
TP-01286	4	TP-01304	3
TP-01287	5	TP-01305	5
TP-01288	6	TP-01306	4
TP-01289	6	TP-01307	11
TP-01290	5	TP-01308	21
TP-01291	7	TP-01309	19
TP-01292	14	TP-01310	13
TP-01293	4	TP-01311	18
TP-01294	12	TP-01312	9
TP-01295	9	TP-01313	10
TP-01296	15	TP-01314	24
TP-01297	7	TP-01315	3
TP-01298	5	TP-01316	12
TP-01299	15		
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.

5-9
6

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-00300

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)

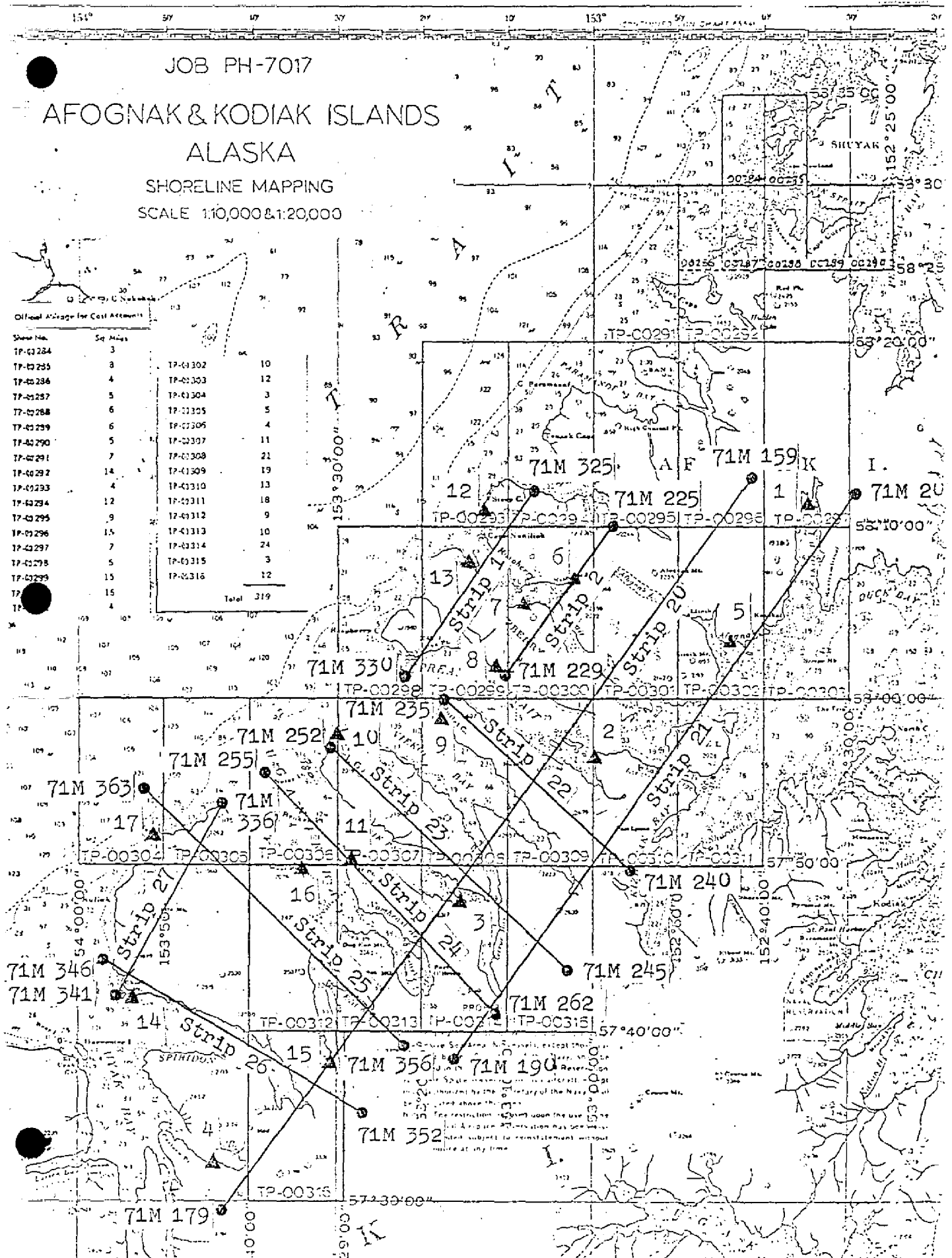
JOB PH-7017

AFOGNAK & KODIAK ISLANDS ALASKA

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

Offical Airage for Cost Account

Sheet No.	Sq. Miles		
TP-02284	3	TP-01302	10
TP-02285	4	TP-01303	12
TP-02286	4	TP-01304	3
TP-02287	5	TP-01305	5
TP-02288	6	TP-01306	4
TP-02289	6	TP-01307	11
TP-02290	5	TP-01308	21
TP-02291	7	TP-01309	19
TP-02292	14	TP-01310	13
TP-02293	4	TP-01311	18
TP-02294	12	TP-01312	9
TP-02295	9	TP-01313	10
TP-02296	15	TP-01314	24
TP-02297	7	TP-01315	3
TP-02298	5	TP-01316	12
TP-02299	15		
TP-02300	4		
		Total	319



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	PH-7017	GEODETIC DATUM	NA	1927	ORIGINATING ACTIVITY	Division, Norfolk, Va.
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE Alaska ZONE	φ LATITUDE λ LONGITUDE	REMARKS FORWARD BACK		
GLOM, 1941	Quad 58153 Pg. 2		X=	φ 58 05 28.928	895.0 (961.4)		
			Y=	λ 153 08 31.945	523.4 (459.7)		
BEACH, 1941	Quad 58153 Pg. 1		X=	φ 58 05 45.158	1397.1 (459.3)		
			Y=	λ 153 06 36.059	590.7 (392.2)		
IRON CREEK CANNING COMPANY STACK, 1941	Quad 58153 Pg. 2		X=	φ 58 05 21.16	654.7 (1201.7)		
			Y=	λ 153 05 19.18	314.3 (668.8)		
WAKEFIELD STACK, 1941	Quad 58153 Pg. 5		X=	φ 58 03 00.428	13.2 (1843.1)		
			Y=	λ 153 03 06.657	109.2 (875.0)		
BASE, 1941	Quad 58153 Pg. 1		X=	φ 58 04 28.784	890.5 (965.8)		
			Y=	λ 153 04 44.873	735.6 (247.9)		
FOOT, 1941	Quad 58153 Pg. 2		X=	φ 58 04 27.249	843.1 (1013.2)		
			Y=	λ 153 04 38.878	637.3 (346.3)		
MID, 1941	Quad 58153 Pg. 4		X=	φ 58 03 27.837	861.2 (995.1)		
			Y=	λ 153 03 43.993	721.5 (262.5)		
TWIN, 1941	Quad 58153 Pg. 4		X=	φ 58 06 40.102	1240.7 (615.7)		
			Y=	λ 153 03 53.441	875.1 (107.4)		
GREEN, 1941	Quad 58153 Pg. 2		X=	φ 58 02 01.883	58.3 (1798.0)		
			Y=	λ 153 01 34.010	558.1 (426.6)		
VAL, 1941	Quad 58153 Pg. 4		X=	φ 58 03 23.580	729.5 (1126.8)		
			Y=	λ 153 02 01.000	16.4 (967.6)		
COMPUTED BY	A. C. Rauck, Jr.	DATE	COMPUTATION CHECKED BY	C. Blood	DATE	5/30/73	
LISTED BY		DATE	LISTING CHECKED BY		DATE		
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE		

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETTIC DATUM		AEROTRI- ANGULATION POINT NUMBER	SOURCE OF INFORMATION (Index)	COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY Coastal Mapping		REMARKS FORWARD BACK
			STATE	ZONE			NA	1927	φ LATITUDE	λ LONGITUDE	Division, Norfolk, Va.		
TP-00300		PH-7017											
	CABIN, 1941	Quad 58153 Pg. 1					X=	φ 58 03 51.173					1583.2 (273.1)
							Y=	λ 153 02 25.650					420.6 (563.2)
	FRAG, 1941	Quad 58153 Pg. 2					X=	φ 58 04 33.386					1032.9 (823.4)
							Y=	λ 153 03 27.463					450.2 (533.3)
	UPON, 1941	Quad 58153 Pg. 4					X=	φ 58 04 03.063					94.8 (1761.6)
							Y=	λ 153 03 41.478					679.7 (303.6)
	MUSK, 1941	Quad 58153 Pg. 3					X=	φ 58 05 48.010					1485.4 (371.0)
							Y=	λ 153 04 23.817					390.2 (592.7)
	DOLPHIN POINT LIGHT, 1941	Quad 58153 Pg. 1					X=	φ 58 06 22.276					689.2 (1167.2)
							Y=	λ 153 08 57.656					944.3 (38.4)
	WAKEFIELD TANK, 1941	Quad 58153 Pg. 5					X=	φ 58 03 00.415					12.8 (1843.5)
							Y=	λ 153 03 08.755					143.6 (840.6)
	OVER, 1941	Quad 58153 Pg. 5					X=	φ 58 02 47.812					1479.3 (377.0)
							Y=	λ 153 01 07.518					123.3 (861.0)
	SPIT, 1941	Quad 58153 Pg. 4					X=	φ 58 02 37.065					1146.8 (709.5)
							Y=	λ 153 00 37.785					619.9 (364.5)
	PHIN, 1941	Quad 58153 Pg. 3					X=	φ 58 06 37.454					1158.8 (597.6)
							Y=	λ 153 09 29.180					477.9 (504.6)
	GAME, 1941	Quad 58153 Pg. 2					X=	φ 58 06 48.342					1495.7 (360.7)
							Y=	λ 153 06 04.867					79.7 (902.8)
COMPUTED BY	A. C. Rauck, Jr.		DATE	5/29/73			COMPUTATION CHECKED BY C. Blood					DATE	5/30/73
LISTED BY			DATE				LISTING CHECKED BY					DATE	
HAND PLOTTING BY			DATE				HAND PLOTTING CHECKED BY					DATE	

COMPILATION REPORT

TP-00300

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:60,000 scale "M" photography dated 1971.

Photo coverage was adequate.

There was no field inspection prior to compilation.

32. CONTROL:

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

Station TIE, 1941 could not be identified on the compilation photography and was not used in compilation.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are not applicable to the project. Drainage was delineated by the WILD B-8 stereoplotter and by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

Alongshore details were delineated by the WILD B-8 stereoplotter and by office interpretation of the photographs.

The mean high water line was delineated from the photographs.

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

A Form 76-40 for 1 non-floating aid to navigation was not forwarded to the Rockville, Md. office.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

See the attached Form 76-36b, item #5 of the Descriptive Report concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with the following USGS Quadrangle: AFOGNAK (A-4), ALASKA, scale 1:63,360, dated 1953.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with the following National Ocean Survey chart: C&GS 8534, scale 1:78,900, 5th edition, dated January 30, 1971.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

151

L. B. Foltz

Cartographic Aid

Date: June 29, 1973

Approved:

Albert C. Rauck, Jr.

Chief, Coastal Mapping Section, AMC

Review Report
TP-00300

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. 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

James W. Massey
J. Massey
Final Reviewer

Approved by,

Larry O. Robson
Acting Chief, Photogrammetric Production Section

A. V. Byron CDR NOAA
Chief, Photogrammetry Branch

Feb. 27, 1973

GEOGRAPHIC NAMES

FINAL NAMES SHEET

PH-7017(Alaska)

TP-00300

Afognak Island

~~Chugach National Forest~~ *Jan 71*~~Cloud Peak~~ *Jan 71*

Dolphin Point

Kupreanof Strait

~~Lower Malina Lake~~ *Jan 71*~~Malina Creek~~ *Jan 71*

Muskomee Bay

~~National Forest Boundary (Approx.)~~ *Jan 71*

Raspberry Island

Raspberry Strait

Selief Bay

~~Upper Malina Lake~~ *Jan 71*

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

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	L. B. Foltz
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
OFFICE 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	FIELD (Cont'd) 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
FIELD 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 - Photogrammetric Vis - Visually 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	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 III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

