

TP-00313

TP - 00313

NOAA FORM 76-35 (6-80)	
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2 style="text-align: center;">DESCRIPTIVE REPORT</h2>	
This Map Will Not Be Field Edited	
<i>Map No.</i> TP-00313	<i>Edition No.</i> One
<i>Job No.</i> PH-7017	
<i>Map Classification</i> Final Class I II	
<i>Type of Survey</i> Shoreline	
<h3 style="text-align: center;">LOCALITY</h3>	
<i>State</i> Alaska	
<i>General Locality</i> Afognak and Kodiak Islands	
<i>Locality</i> Northeast Arm	
<div style="border: 1px solid black; padding: 5px; text-align: center;"> 19₇₁ TO 19 </div>	
<h3 style="text-align: center;">REGISTERED IN ARCHIVES</h3>	
<i>DATE</i>	

DESCRIPTIVE REPORT

TP-00313

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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 OFFICER-IN-CHARGE Roy Matsushige, Cdr., NOAA		SURVEY TF-00313 MAP EDITION NO. (1) Final MAP CLASS Class III JOB PH- 7017 7017-	
I. INSTRUCTIONS DATED		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
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: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input checked="" type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION 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 METHOD: Analytic LANDMARKS AND AIDS BY		R. B. Kelly	May 1973
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat PLOTTED BY CHECKED BY		Allen	May 1973
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 Stereoplotter SCALE: 1:20,000		PLANIMETRY BY J. Roderick CHECKED BY F. Mauldin CONTOURS BY N/A CHECKED BY N/A	Apr. 1980 Apr. 1980
4. MANUSCRIPT DELINEATION METHOD: Smooth Drafted SCALE: 1:20,000		PLANIMETRY BY F. Mauldin CHECKED BY F. Margiotta CONTOURS BY N/A CHECKED BY N/A HYDRO SUPPORT DATA BY F. Mauldin CHECKED BY F. Margiotta	Apr. 1980 Apr. 1980
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		F. Margiotta	Apr. 1980
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		N/A N/A	
7. COMPILATION SECTION REVIEW BY		D. Butler	Mar. 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

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "E" (152.71mm FL) Wild RC-9 "M" (88.20mm FL)		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Alaska	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
* 71 E (C) 6712-6716	07/10/71	10:07	1:20,000	0.5 ft. Below MLLW	
** 71 E (C) 6698-6702	07/10/71	10:00	1:20,000	1.1 ft. Below MLLW	
** 71 E (C) 6185-6189	07/04/71	14:50	1:20,000	6.2 ft. Above MLLW	
** 71 E (C) 6685-6692	07/10/71	09:50	1:20,000	1.4 ft. Below MLLW	
*** 71 M (P) 258-260	07/04/71	12:12	1:60,000	9.7 ft. Above MLLW	
*** 71 M (P) 356-358	08/03/71	09:35	1:60,000	9.3 ft. Above MLLW	

REMARKS * Denotes Mean Lower Low Water Photography
 ** Denotes 1:20,000-scale color photography for hydro support
 *** Denotes 1:60,000-scale Compilation and Bridging Photography

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean lower low water line was compiled from the above listed compilation photography.

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

A partial mean lower low water line was compiled using the color photographs, 71 E (C) 6712-6716, listed above and which fell within + or - 1 foot of the MLLW Datum.

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-00307	TP-00314	No Survey	TP-00312

REMARKS

NOAA FORM 76-36C
(3-72)

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

TP-00313
HISTORY OF FIELD OPERATIONS

I. <input checked="" type="checkbox"/> FIELD OPERATION <input type="checkbox"/> FIELD EDIT OPERATION			
OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		R. F. Lanier	June 1971
2. HORIZONTAL CONTROL		RECOVERED BY	None
		ESTABLISHED BY	None
		PRE-MARKED OR IDENTIFIED BY	None
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 <input type="checkbox"/> COMPLETE <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	N/A
II. SOURCE DATA			
1. HORIZONTAL CONTROL IDENTIFIED		2. VERTICAL CONTROL IDENTIFIED	
None		None	
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: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS			
None			
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)			
None			

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00313
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. 1980	Class III Manuscript	Apr 30, 1980	Apr 30, 1980
		Unreviewed Class III Manuscript to Charles Lewis N/CG2321 for	July 1984	
		Forwarding to Marine Charts		

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 #127 (1987)	Feb 27, 1987	For two (2) Non-floating Aids to Navigation

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)

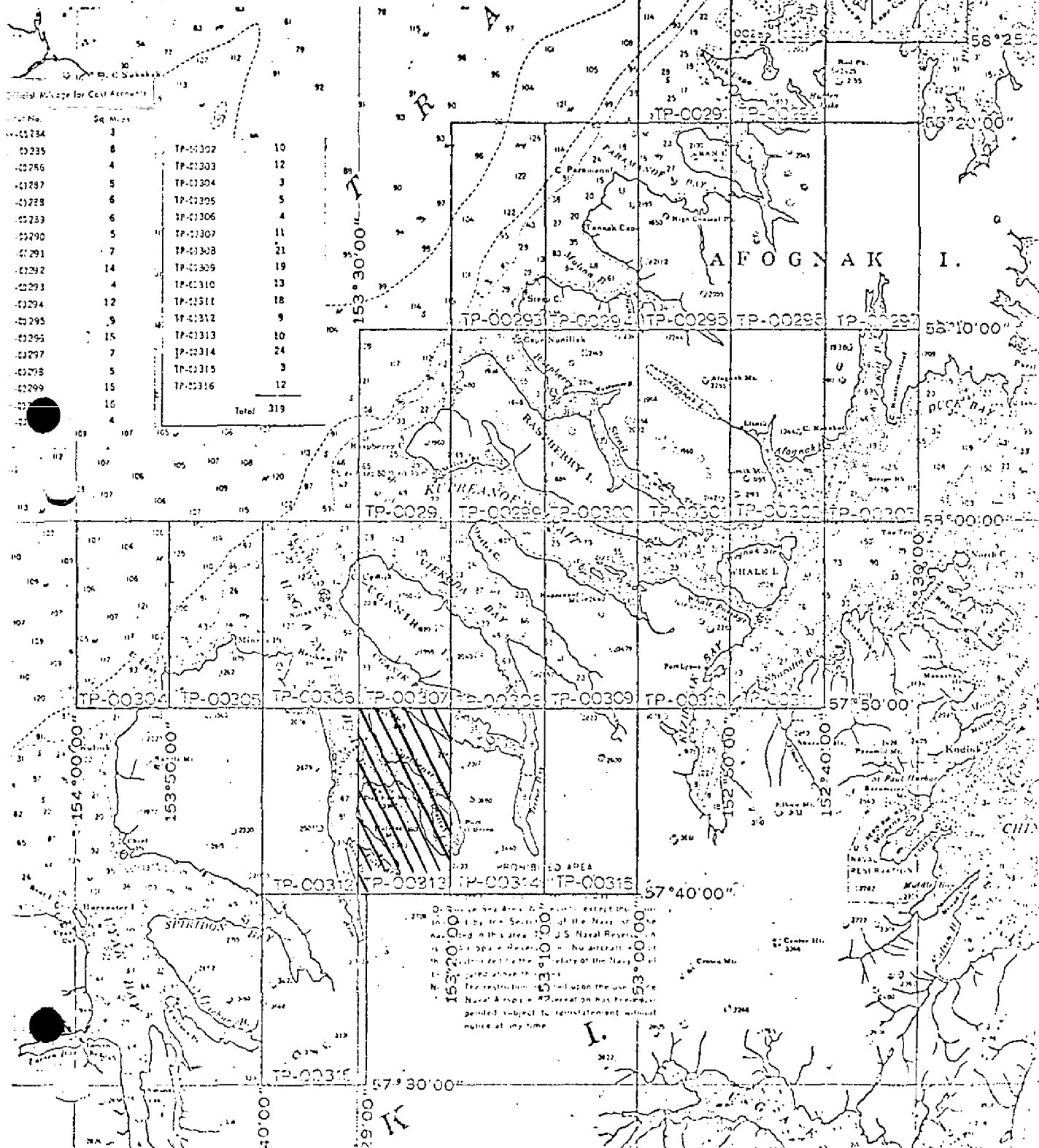
SECOND EDITION	SURVEY NUMBER TP - _____ (2)	JOB NUMBER PH - _____	TYPE OF SURVEY <input type="checkbox"/> REVISED <input type="checkbox"/> RESURVEY MAP CLASS <input type="checkbox"/> II. <input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	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



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.

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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-00313

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)

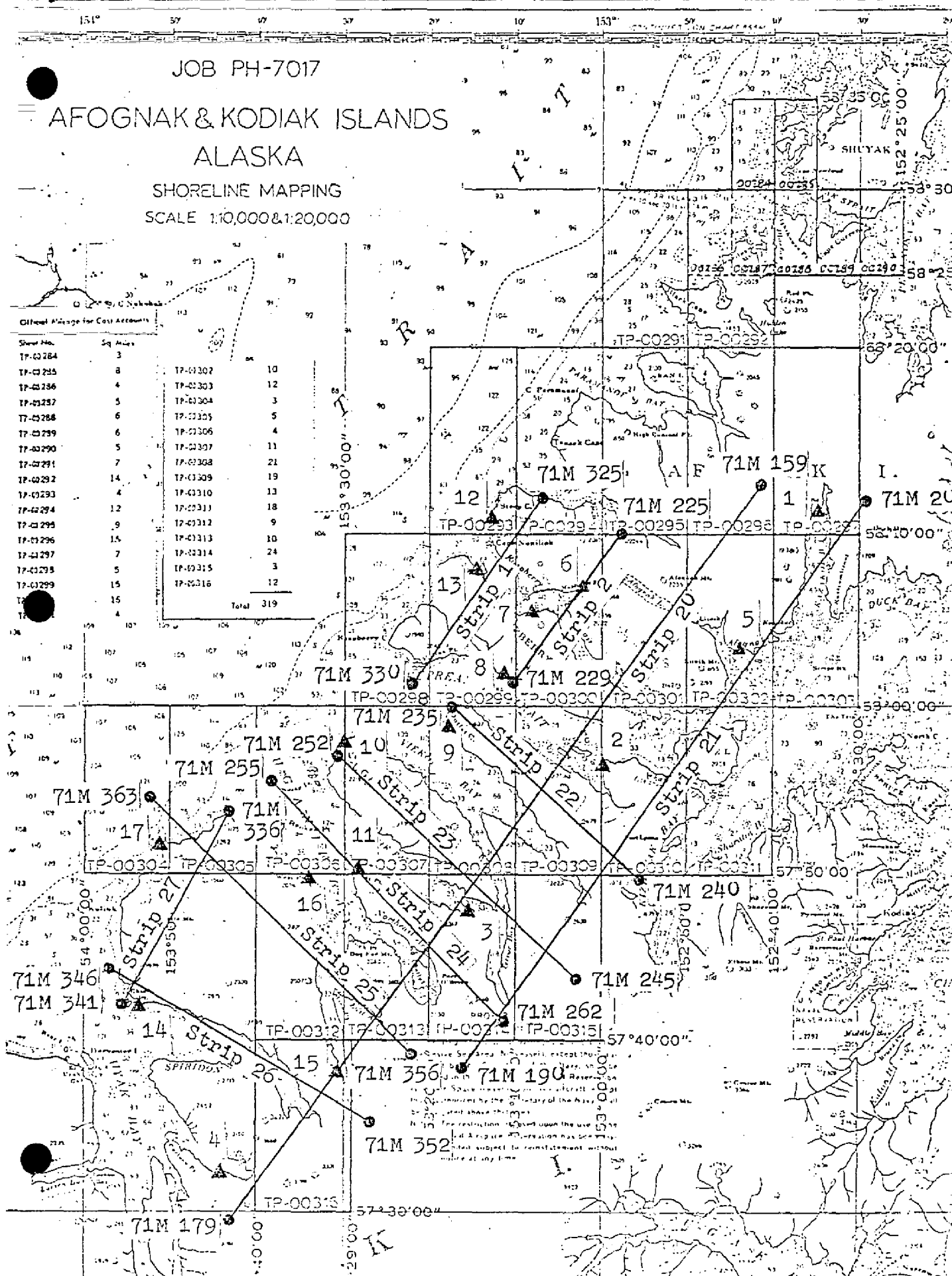
1	Kazakof, 1971 Sub. Sta.	(+ 0.1, + 0.3)
2	Ostro, 1971	(- 0.2, 0.0)
3	Slot, 1971	(+ 0.3, + 0.3)
4	Line, 1929	(- 0.2, + 0.3)
5	Settle, 1971 Sub. Sta.	(- 0.2 - 0.3)
6	Tie, 1941 Sub. Sta.	(- 0.7 + 0.3)
7	Dolphin Point Lt. 1941	(- 1.0 + 8.7)
8	Bay Cove Point 1907, 1908	(+0.5 - 0.4)
9	Pov, 1908	(+ 7.2 +7.8)
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
ALASKASHORELINE MAPPING
SCALE 1:10,000 & 1:20,000

Offset Allowance for Cass Account

Sheet No.	Sq. Miles		
TP-0284	3	TP-0302	10
TP-0285	8	TP-0303	12
TP-0286	4	TP-0304	3
TP-0287	5	TP-0305	5
TP-0288	6	TP-0306	4
TP-0289	6	TP-0307	11
TP-0290	5	TP-0308	21
TP-0291	7	TP-0309	19
TP-0292	14	TP-0310	13
TP-0293	4	TP-0311	18
TP-0294	12	TP-0312	9
TP-0295	9	TP-0313	10
TP-0296	15	TP-0314	24
TP-0297	7	TP-0315	3
TP-0298	5	TP-0316	12
TP-0299	15		
TP-0300	15		
TP-0301	4		
		Total	319



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETTIC DATUM		AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY Coastal Mapping	
			STATE	ZONE		NA	1927	φ LATITUDE	λ LONGITUDE	Division, Norfolk, Va.	REMARKS
TP-00313		PH-7017									
		SOURCE OF INFORMATION (Index)									
DRIFT, 1908		Quad 57153 Pg. 7				X=	φ 57 49 50.500			1562.4 (293.9)	
						Y=	λ 153 24 14.652			241.8 (748.5)	
EAST POINT, 1908		Quad 57153 Pg. 8				X=	φ 57 49 59.973			1855.4 (0.9)	
						Y=	λ 153 28 56.448			931.6 (58.6)	
SHARP, 1908		Quad 57153 Pg. 22				X=	φ 57 48 46.345			1433.8 (422.5)	
						Y=	λ 153 28 34.010			561.5 (429.3)	
JUT, 1929		Quad 57153 Pg. 13				X=	φ 57 47 26.444			818.1 (1038.2)	
						Y=	λ 153 27 28.094			464.2 (527.1)	
TIP, 1908		Quad 57153 Pg. 25				X=	φ 57 46 27.627			854.7 (1001.6)	
						Y=	λ 153 29 10.830			179.0 (812.8)	
BLACK, 1908		Quad 57153 Pg. 3				X=	φ 57 46 01.591			49.2 (1807.1)	
						Y=	λ 153 27 03.448			57.0 (945.0)	
KNOL, 1929		Quad 57153 Pg. 13				X=	φ 57 45 45.512			1408.1 (448.2)	
						Y=	λ 153 24 52.832			873.6 (118.5)	
EDGE, 1908		Quad 57153 Pg. 8				X=	φ 57 42 30.773			952.0 (904.2)	
						Y=	λ 153 28 37.417			619.6 (374.0)	
HIL, 1929		Quad 57153 Pg. 11				X=	φ 57 44 08.448			261.4 (1594.9)	
						Y=	λ 153 20 44.588			737.8 (265.0)	
BLUFF, 1908		Quad 57153 Pg. 3				X=	φ 57 43 48.509			1500.7 (355.5)	
						Y=	λ 153 29 25.740			426.0 (567.1)	
COMPUTED BY						COMPUTATION CHECKED BY	C. Blood			DATE	6/1/73
						DATE	5/31/73			DATE	
LISTED BY	A. C. Rauck					LISTING CHECKED BY				DATE	
						DATE				DATE	
HAND PLOTTING BY						HAND PLOTTING CHECKED BY				DATE	

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETTIC DATUM		AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY	
			STATE	ZONE		Alaska	5	ϕ LATITUDE	λ LONGITUDE	Division, Norfolk, Va.	Coastal Mapping
TP-00313		PH-7017									
ISLE, 1908		Quad 57153 Pg. 12				X=		ϕ 57 42 12.128		375.2 (1481.0)	
						Y=		λ 153 27 26.597		440.5 (553.2)	
SLATE, 1908		Quad 57153 Pg. 23				X=		ϕ 57 42 41.256		1276.3 (579.9)	
						Y=		λ 153 27 13.904		230.2 (763.3)	
END, 1908		Quad 57153 Pg. 8				X=		ϕ 57 41 58.860		1821.0 (35.2)	
						Y=		λ 153 26 05.983		99.1 (894.7)	
SLOPE, 1908		Quad 57153 Pg. 23				X=		ϕ 57 43 14.941		462.2 (1394.0)	
						Y=		λ 153 28 10.453		173.0 (820.3)	
						X=		ϕ			
						Y=		λ			
						X=		ϕ			
						Y=		λ			
						X=		ϕ			
						Y=		λ			
						X=		ϕ			
						Y=		λ			
						X=		ϕ			
						Y=		λ			
						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

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31. DELINEATION:

Delineation was by the Wild B-8 Stereoplotter. The mean high water line was compiled by use of the Wild B-8 stereoplotter, using the panchromatic photography listed on form 76-36B. A partial mean lower low water line was delineated graphically from the 1:20,000-scale "M" camera, color photography listed on NOAA Form 76-36B.

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 office edited and refined using the ratioed photographs listed on NOAA Form 76-36B.

36. OFFSHORE DETAILS:

Offshore detail was limited to rocks and a few small islands. There were no unusual problems encountered.

37. LANDMARKS AND AIDS:

There were two (2) Aids to Navigation within the limits of this manuscript. There were no landmark objects.

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 Quadrangles: Kodiak (C-5) and Kodiak (D-5) Alaska, both at 1:63,360-scale and dated 1954.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with National Ocean Survey charts: 16580, 1:350,000-scale, dated March 11, 1978, 7th edition and 8534, 1:78,900-scale, dated January 30, 1971, 5th edition.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None

ITEMS TO BE CARRIED FORWARD:

None

Submitted by:

/s/

F. Mauldin
Cartographer

Date: April 23, 1980

Approved for forwarding:

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

REVIEW REPORT
TP-00313

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 within UGANIK BAY and the EAST and NORTHEAST ARMS as they appear 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. The stage of tide indicated for the photographs was based on predicted tides.

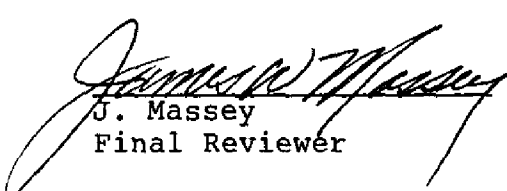
The mean lower low water line depicted should be considered approximate and advisory only. For more information on the datum, mean lower low water, refer to the contemporary hydrographic survey of the area.

68. Delineation

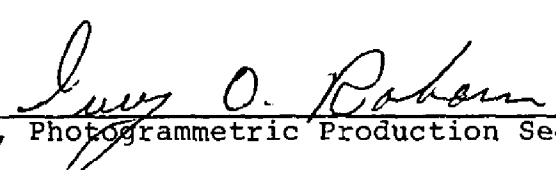
Map detail was compiled on the Wild B-8 stereoplotter using the 1:60,000-scale "M" camera, panchromatic photography. This was supplemented by office interpretation and graphic compilation techniques of the 1:20,000-scale "E" camera, color photography, both of which are listed on NOAA Form 76-36 B, Compilation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

Submitted by,


D. Butler
Office Reviewer


J. Massey
Final Reviewer

Approved by,



Acting Chief, Photogrammetric Production Section



Chief, Photogrammetry Branch

Mar. 2, 1973

GEOGRAPHIC NAMES

FINAL NAMES SHEET

PH-7017 (Alaska)

TP-00313

~~Dog Ear Mountain~~ *JWM*

East Arm

~~Helmet Mountain~~ *JWM*

Kodiak Island

Mush Lake

Northeast Arm

Rock Point

Sally Island

Saltery

Starr Point

Uganik Bay

Uganik Lake

Uganik Passage

Uganik River

Approved by:

*A. J. Wraight*A. Joseph Wraight
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

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	
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 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	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.	

