

TP 00296

TP-00296

NOAA FORM 76-35
(6-80)

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

DESCRIPTIVE REPORT

This Map Was Field Edited

<i>Map No.</i> TP-00296	<i>Edition No.</i> One
<i>Job No.</i> PH-7017	
<i>Map Classification</i> Final Field Edited Map	
<i>Type of Survey</i> Shoreline	
LOCALITY	
<i>State</i> Alaska	
<i>General Locality</i> Afognak and Kodiak Islands	
<i>Locality</i> Foul Bay (South)	
1971 TO 1973	
REGISTERED IN ARCHIVES	
<i>DATE</i>	

DESCRIPTIVE REPORT

TP-00296

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NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY	SURVEY TP- 00296	
DESCRIPTIVE REPORT - DATA RECORD		<input checked="" type="checkbox"/> ORIGINAL	MAP EDITION NO. (1)			
		<input type="checkbox"/> RESURVEY	MAP CLASS Final			
		<input type="checkbox"/> REVISED	JOB PH- 7017			
PHOTOGRAMMETRIC OFFICE Atlantic Marine Center Norfolk, Virginia		LAST PRECEDING MAP EDITION				
OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr., NOAA		TYPE OF SURVEY	JOB PH- _____			
		<input type="checkbox"/> ORIGINAL	MAP CLASS _____			
		<input type="checkbox"/> RESURVEY	SURVEY DATES:			
		<input type="checkbox"/> REVISED	19 TO 19			
I. INSTRUCTIONS DATED						
1. OFFICE		2. FIELD				
Aerotriangulation Instr. Nov. 11, 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 Alaska ZONE 5				
5. SCALE 1:20,000		STATE ZONE				
III. HISTORY OF OFFICE OPERATIONS						
OPERATIONS		NAME			DATE	
1. AEROTRIANGULATION METHOD: Analytic		BY D. Norman			Mar. 1972	
LANDMARKS AND AIDS BY						
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat		PLOTTED BY D. Phillips			Apr. 1972	
CHECKED BY						
3. STEREOSCOPIC INSTRUMENT COMPILATION		PLANIMETRY BY R. R. White			May 1972	
INSTRUMENT: Wild B-8 Stereoplotter		CHECKED BY A. L. Shands			May 1972	
SCALE: 1:20,000		CONTOURS BY N/A				
		CHECKED BY N/A				
4. MANUSCRIPT DELINEATION		PLANIMETRY BY S. Kumer			May 1972	
METHOD: Smooth Drafted		CHECKED BY A. L. Shands			June 1972	
SCALE: 1:20,000		CONTOURS BY N/A				
		CHECKED BY N/A				
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		HYDRO SUPPORT DATA BY S. Kumer			May 1972	
BY A. L. Shands		CHECKED BY A. L. Shands			June 1972	
6. APPLICATION OF FIELD EDIT DATA		BY C. E. Blood			Junc 1972	
BY		CHECKED BY			Nov. 1974	
7. COMPILATION SECTION REVIEW		BY D. Butler			Jan. 1986	
8. FINAL REVIEW		BY J. Massey			Dec. 1986	
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	

TP-00296
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S)	TYPES OF PHOTOGRAPHY LEGEND	TIME REFERENCE	
		ZONE	STANDARD
Wild RC-8"E: and RC-9" M"	(C) COLOR	Alaska	<input checked="" type="checkbox"/>
TIDE STAGE REFERENCE	(P) PANCHROMATIC	MERIDIAN	<input type="checkbox"/>
<input checked="" type="checkbox"/> PREDICTED TIDES	(I) INFRARED	150th	<input type="checkbox"/> DAYLIGHT
<input type="checkbox"/> REFERENCE STATION RECORDS			
<input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY			
NUMBER AND TYPE	DATE	TIME	SCALE
71M(P) 221-222	7/04/71	11:27	1:60,000
71E(C) 6013-6016	7/04/71	12:53	1:20,000
71E(C) 6103-6107	7/04/71	13:50	1:20,000
71E(C) 6142-6147	7/04/71	14:12	1:20,000
71E(C) 6346-6351	7/05/71	14:15	1:20,000

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

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

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

No mean lower low water line was delineated.

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-00292	TP-00297	TP-00302	TP-00295

REMARKS

3a

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00296
HISTORY OF FIELD OPERATIONS1. FIELD █-OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE	
1. CHIEF OF FIELD PARTY	R. Lanier	1971	
	None		
2. HORIZONTAL CONTROL	None		
	None		
3. VERTICAL CONTROL	NA		
	NA		
4. LANDMARKS AND AIDS TO NAVIGATION	NA		
	None		
5. GEOGRAPHIC NAMES INVESTIGATION	None		
	None		
6. PHOTO INSPECTION	None		
7. BOUNDARIES AND LIMITS	NA		
II. SOURCE DATA			
1. HORIZONTAL CONTROL IDENTIFIED	2. VERTICAL CONTROL IDENTIFIED		
None	NA		
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

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

7. SUPPLEMENTAL MAPS AND PLANS

None

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

None

TP-00296
HISTORY OF FIELD OPERATIONSI. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE	
1. CHIEF OF FIELD PARTY	K. Jeffers	May 1973	
2. HORIZONTAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None	
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	NA NA NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None None None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	M. H. Allen	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA	
II. SOURCE DATA			
1. HORIZONTAL CONTROL IDENTIFIED	2. VERTICAL CONTROL IDENTIFIED		
None	NA		
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS (Clarification of details)			
71M(P) 221 and 71M(P) 222			
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)			
One field edit report and ozalid			

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
TP-00296

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	5/30/72	Class III manuscript	7/07/72	6/15/72
Field edit applied, compilation complete	11/74	Class I manuscript	8/04/77	12/3/74

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)

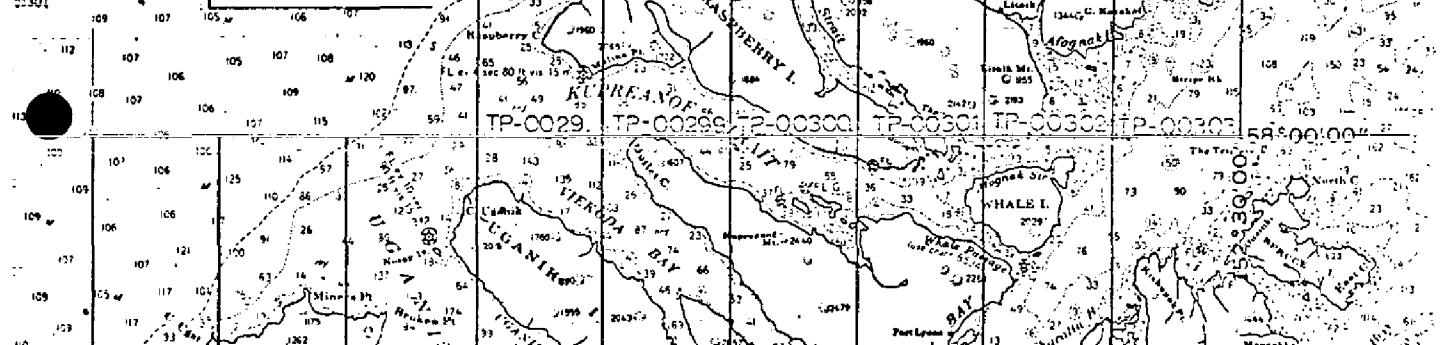
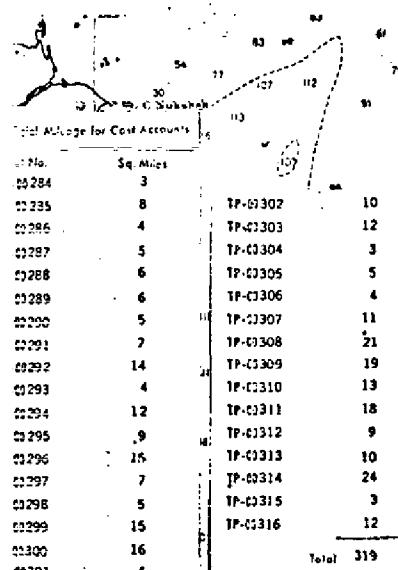
SECOND EDITION	SURVEY NUMBER TP - (2)	JOB NUMBER PH -	TYPE OF SURVEY	
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	<input type="checkbox"/> REVISED	<input type="checkbox"/> RESURVEY
THIRD EDITION	SURVEY NUMBER TP - (3)	JOB NUMBER PH -	<input type="checkbox"/> II.	<input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	<input type="checkbox"/> REVISED	<input type="checkbox"/> RESURVEY
FOURTH EDITION	SURVEY NUMBER TP - (4)	JOB NUMBER PH -	<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	<input type="checkbox"/> REVISED	<input type="checkbox"/> RESURVEY
			<input type="checkbox"/> II.	<input type="checkbox"/> III. <input type="checkbox"/> IV. <input type="checkbox"/> V. <input type="checkbox"/> FINAL

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.

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-00296

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

PHOTOGRAMMETRIC PLOT REPORT
Afognak Island, Alaska Part I
Job PH-7071-17
March 1972

21. Area Covered

This report pertains to 13 sheets on Afognak Island. The sheets are TP-00284 thru TP-00290 at 1:10,000 scale and TP-00291 thru TP-00296 at 1:20,000 scale. The area covered is the northwest shoreline of Afognak Island.

22. Method

Eight strips of photography were bridged by analytic aerotriangulation methods and adjusted to ground on the Alaska state plane coordinate system, zone 5. Strips 1 and 2 of 1:60,000 scale photography were adjusted as a block and used to control the six strips of 1:30,000 scale photography.

23. Adequacy of Control

The horizontal control is sparse in both strips of 1:60,000 scale photography. However the project should still meet the map accuracy standards.

24. Supplemental Data

Vertical control was taken from USGS topographic quadrangles.

25. Photography

The photography was adequate.

Respectfully submitted:

Don O. Norman

Don O. Norman
Cartographer

Approved and forwarded:

Henry P. Eichert

Henry P. Eichert, Chief
Aerotriangulation Section

Afognak Island, Alaska

Fit to Control
(x, y) feet

Strips 1 & 2 (block adjustment)

1	BANKS, 1907	(+0.1, +0.1)
2	BEN, 1926 subpoint	(-0.5, -0.5)
3	BLUE, 1926	(0.0, +0.4)
4	TIE, 1941 subpoint	(-0.2, -0.4)
5	NUN, 1941	(+0.1, +0.3)
6	BAY COVE POINT, 1907	(+0.5, +0.1)
7	DOLPHIN POINT LT., 1941	(-6.0, +5.2)
8	RASPBERRY STRAIT LT., 1941	(+4.9, -3.4)

Strip 3

76801	(+3.8, -3.1)
76802	(0.0, 0.0)
77801	(+2.7, +2.7)
77802	(0.0, 0.0)
79801	(0.0, 0.0)
79802	(+1.5, +4.5)

Strip 4

33801	(+10.9, -10.9)
34801	(0.0, 0.0)
35801	(0.0, 0.0)
36801	(-2.3, -0.6)
38801	(0.0, 0.0)
38802	(-6.9, +2.6)

Strip 5

18801	(0.0, 0.0)
19801	(-1.3, -0.2)
BEN, 1926 subpoint	(0.0, 0.0)
22801	(+5.4, +1.1)
23801	(+2.2, +0.1)

Strip 6

22801	(0.0, 0.0)
45801	(-4.8, -4.4)
BLUE, 1926	(-4.0, +0.2)
47801	(0.0, 0.0)

2

Strip 7

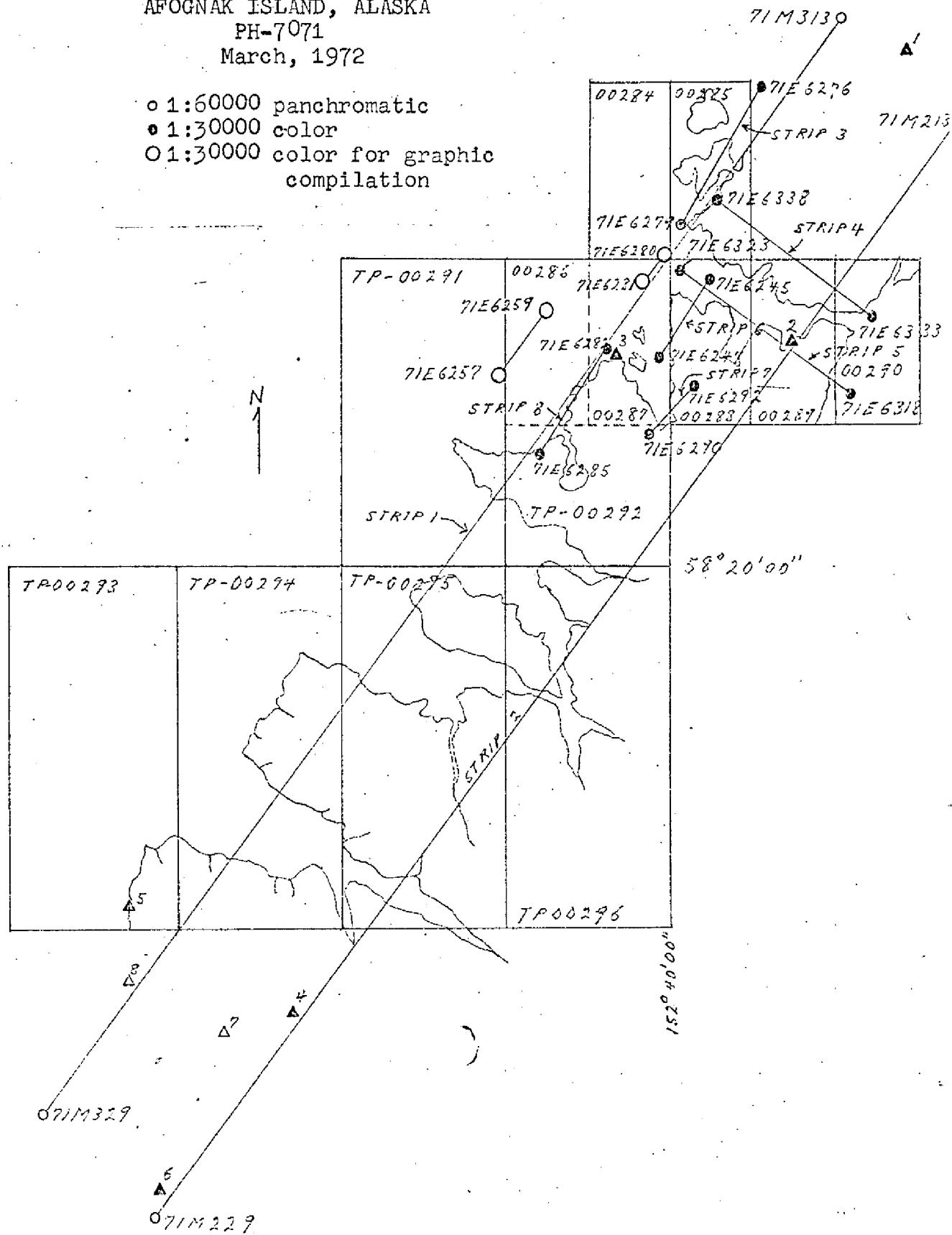
90801	(0.0, 0.0)
91801	(+2.3, -0.9)
92801	(0.0, 0.0)
92802	(-1.1, -0.7)

Strip 8

82801	(-2.2, +0.6)
82802	(0.0, 0.0)
84801	(0.0, 0.0)
85801	(-10.7, +4.6)
85802	(0.0, 0.0)

AEROTRIANGULATION SKETCH
AFOGNAK ISLAND, ALASKA
PH-7071
March, 1972

- 1:60000 panchromatic
- 1:30000 color
- 1:30000 color for graphic compilation



PHOTOGRAHMETRIC 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.

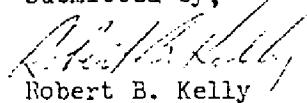
24. SUPPLEMENTAL DATA

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

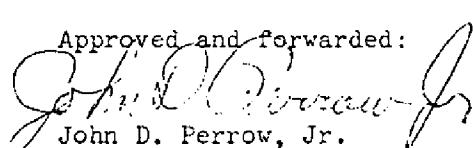
25. PHOTOGRAPHY

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

Submitted by,


Robert B. Kelly

Approved and forwarded:


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)

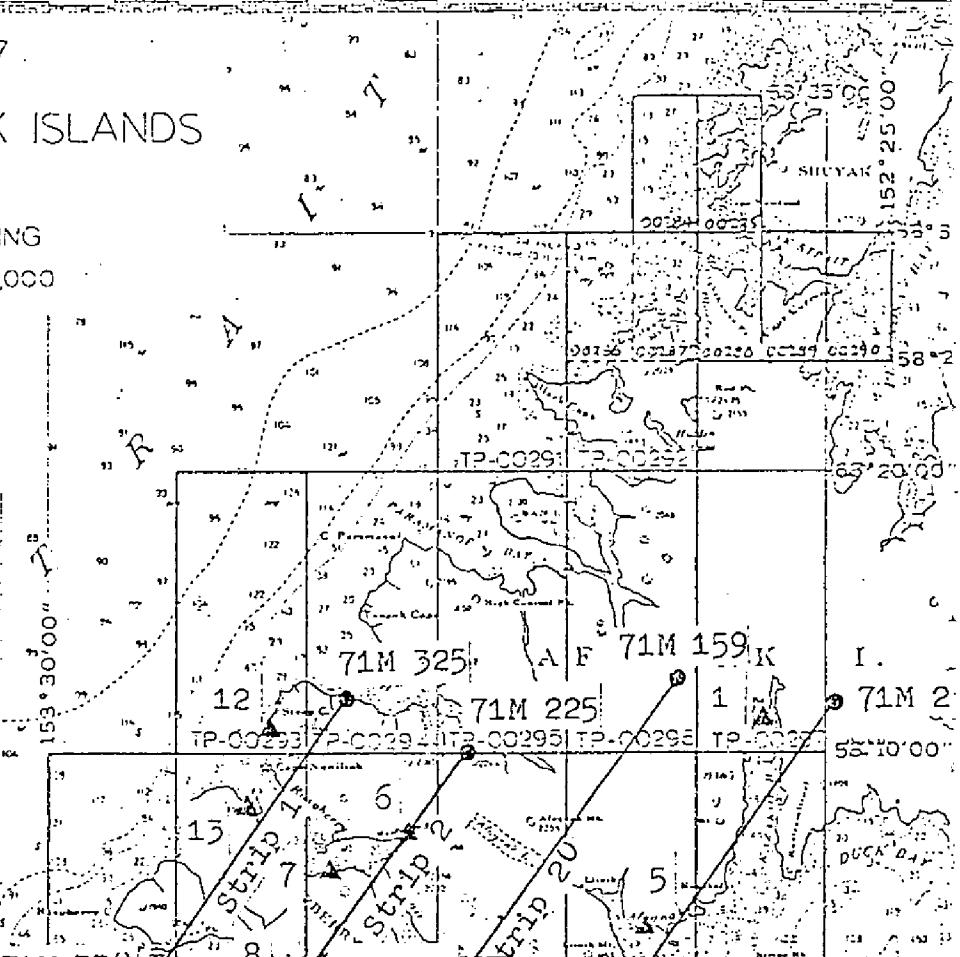
JOB PH-7017

≡ AFOGNAK & KODIAK ISLANDS
ALASKA

SHORELINE MAPPING

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

Officer/Marriage for Cash Accounts	Officer/Marriage for Cash Accounts
Share No.	Share No.
17-03284	3
17-03295	8
17-03756	4
17-03252	5
17-03788	6
17-03739	6
17-03790	5
17-03291	7
17-03292	14
17-03293	4
17-03294	12
17-03295	9
17-03296	15
17-03297	2
17-03298	5
17-03299	15
17-03300	4
	Total 319



COMPIILATION REPORT

TP-00296

31. DELINEATION:

Delineation was by the Wild B-8 Stereoplotter.

32. CONTROL:

See Photogrammetric Plot Report, dated March 1972.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are inapplicable. Drainage was delineated from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

The mean high water line and alongshore details were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

None.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

See form 76-36b, item #5, of the Descriptive Report.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with the following USGS quadrangles: AFOGNAK (A-3 and B-3) ALASKA, scale 1:63,360, dated 1954.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with the following National Ocean Survey charts: 8533, scale 1:78,000, 4th edition, dated April 7, 1969 and 8556, scale 1:350,000, 4th edition dated November 20, 1971

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Albert C. Rauck, Jr.
Susan Kumer
Cartographic Aid
5/30/72

Approved:

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

ADDENDUM TO COMPILATION REPORT

TP-00296

FIELD EDIT

Dashed lines delineated by the field editor as foul and
shoal on the photographs were depicted on the map as Foul.

FIELD EDIT REPORT

OPR-478-73

NOAA SHIP RAINIER

CDR. K.W. JEFFERS,
Commanding

INTRODUCTION METHODS

Field edit was accomplished by personnel of the NOAA SHIP RAINIER, between 15 May and 19 August 1973. Work was done in a sixteen foot skiff, making landings where it was necessary to verify shoreline character.

Field edit work was begun in the area north of Black Cape, on Afognak Island, at the mouth of Devil Inlet, and extended southwestward to the landward end of the main part of Malina Bay. The shoreline from Cape Paramanof to Cape Tanaak was not inspected. See the reference sketch of field editing completed for precise delineation of work accomplished. Field editing was completed on manuscripts TP-00291, TP-00292, and TP-00296. Field editing was begun but not finished on manuscripts TP-00294 and TP-00295. No field edit was done on manuscript TP-00293.

All additions and corrections are noted in purple on the field edit discrepancy sheets and in red on the field edit film ozalids. Deletions are noted or accented in green. Photographs used in this field edit were from PH-7017. Values for distances to the mean high water line and rock heights were estimated. All time observations are referenced to 135° West longitude.

Following the text is an appendix comprised of:

- 1) Sketch of field edited shoreline
- 2) List of detached positions
- 3) Complete listing of photo-hydro signal tape
- 4) Copies of triangulation recovery notes for stations used for photo-hydro control

ADEQUACY OF COMPILATION

The compilation of the mean high water line was generally good. Compilation of offshore and foreshore features was often incomplete: several rocks readily identifiable on the photographs were omitted. Time and height data for these items are have been included on the photographs.

DISCUSSION AND RECOMMENDATIONS

TP-00286 (completed) No special recommendations are required.

TP-00291 (completed) No special recommendations are required.

TP-00292 (completed) No special recommendations are required.

TP-00293, No field edit was done on this sheet.

TP-00294 (not completed) The shoreline of Paramanof Bay on this sheet was field edited as far west as Cape Paramanof. No field edit was done from Cape Paramanof to Tanaak Cape. The shoreline from Tanaak Cape eastward to $153^{\circ} 00'00''$ W longitude was field edited, as well as the southern shore of Malina Bay between $153^{\circ} 01'00''$ and $153^{\circ} 02'00''$ W longitude. The rest of the

shoreline of Malina Bay was not inspected. No special recommendations are required.

TP-00295 (not completed) Only the shoreline of Paramanof Bay was field edited, None of the Malina Bay shoreline was field edited. No special recommendations are required.

TP-00296 (completed) No special recommendations are required.

respectfully submitted,

M.H. ALLEN
Ens. NOAA

APPROVAL SHEET

The Field Edit Report is approved as submitted.

K. W. Jeffers
K.W. Jeffers
Commander, NOAA

Review Report
TP-00296

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

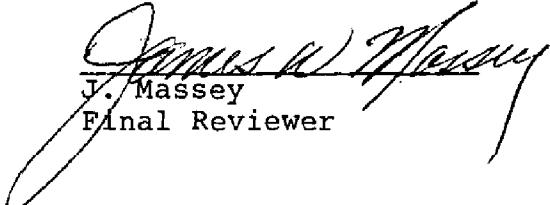
This map meets the National Standards of Map Accuracy and the requirements specified in the project instructions.

67. Delineation

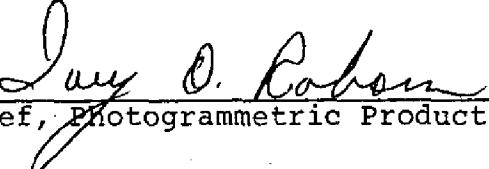
Map detail was compiled on the Wild B-8 stereoplotter using the 1:60,000-scale "M" camera, panchromatic photography. This was supplemented by office interpretation and graphic compilation techniques of the 1:20,000-scale "E" camera, color photography, both of which are listed on NOAA Form 76-36 B, compilation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

Submitted by,

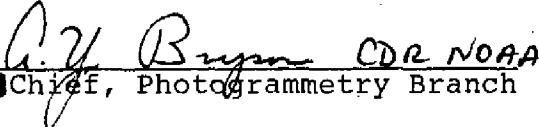
D. Butler
Office Reviewer


J. Massey
Final Reviewer

Approved by,



J. O. Cobon
Acting Chief, Photogrammetric Production Section



C. Y. Bryan CDR NOAA
Chief, Photogrammetry Branch

December 13, 1971

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7017 (Alaska)

TP-00296

Afognak Island

Ban Island

~~Chugach National Forest~~ *JWM*

Foul Bay

Paramanof Bay

~~Paramanof Mountain~~ *JWM*

Approved by:

A. Joseph Wright

A. Joseph Wright
Chief Geographer

Prepared by:

Frank W. Pickett

Frank W. Pickett
Cartographic Technician

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

