

TP-00285

TP 00285

NOAA FORM 76-35  
(6-80)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEY

## DESCRIPTIVE REPORT

Partially Field Edited Map

Map No.

TP-00285

Edition No.

One

Job No.

PH-7017

Map Classification

Final Class III (Partial Field Edit)

Type of Survey

Shoreline

## LOCALITY

State

Alaska

General Locality

Afognak and Kodiak Islands

Locality

Big Bay

19 71 TO 19

REGISTERED IN ARCHIVES

DATE

## DESCRIPTIVE REPORT

TP-00285

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NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		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. 00285 MAP EDITION NO. (1) Final MAP CLASS Class III JOB PH. 7017	
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 PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
<b>I. INSTRUCTIONS DATED</b>			
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	
<b>II. DATUMS</b>			
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 1:10,000		STATE ZONE	
<b>III. HISTORY OF OFFICE OPERATIONS</b>			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		D. Norman	Mar. 1972
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY		D. Phillips H. Eichert	Apr. 1972 Apr. 1972
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY		R. White L. Neterer	Apr. 1972 Apr. 1972
INSTRUMENT: Wild B-8 Stereoplotter SCALE: 1:10,000		CONTOURS BY N/A CHECKED BY N/A	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY		R. White R. Pate	Apr. 1972 Apr. 1972
METHOD: Smooth Drafted SCALE: 1:10,000		CONTOURS BY N/A CHECKED BY N/A	
HYDRO SUPPORT DATA BY		R. White	Apr. 1972
CHECKED BY		R. Pate	Apr. 1972
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		R. Pate	Apr. 1972
6. APPLICATION OF FIELD EDIT DATA (Partial) BY CHECKED BY			
7. COMPILATION SECTION REVIEW BY		D. Butler	Nov. 1985
8. FINAL REVIEW BY		J. Massey	Oct. 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-00285  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild R.C. 8 "E" (152.71mm F.L.)		TYPES OF PHOTOGRAPHY LEGEND (C) COLOR (P) PANCHROMATIC (I) INFRARED		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				ZONE Alaska MERIDIAN 150°W	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
71E(c) 6276 thru 6278 71E(c) 6337 & 6338	Jul 5, '71 Jul 5, '71	14:14 15:03	1:30,000 1:30,000	9.0 ft. above MLLW 7.4 ft. above MLLW	

REMARKS Tide levels were calculated for Big Bay, Shuyak Island subordinate station using Seldovia as the reference station. Mean High Water is 13.10 feet above Mean Lower Low Water.

## 2. SOURCE OF MEAN HIGH-WATER LINE:

The Mean High Water Line was compiled on a Wild B-8 stereoplotter using the color photographs listed above.

## 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
No Survey	No Survey	TP-00288	TP-00284

REMARKS

NOAA FORM 76-36C  
(3-72)

TP-00285

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

## HISTORY OF FIELD OPERATIONS

I. ☒ FIELD OPERATION (premarking) ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. 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 and paneled

None

2. VERTICAL CONTROL IDENTIFIED

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: ☐ 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

NOAA FORM 76-36C  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYTP-00285  
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	Unknown	1972
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 BY <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	Unknown
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N/A

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED  
None2. VERTICAL CONTROL IDENTIFIED  
None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

71E(C)6323

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 Field Edit Ozalid

NOAA FORM 76-36D  
(3-72)

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

TP-00285

**RECORD OF SURVEY USE**

**I. MANUSCRIPT COPIES**

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Manuscript Complete	April 1972	Class III	May 19, 1972	May 8, 1972

**II. LANDMARKS AND AIDS TO NAVIGATION****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 <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	

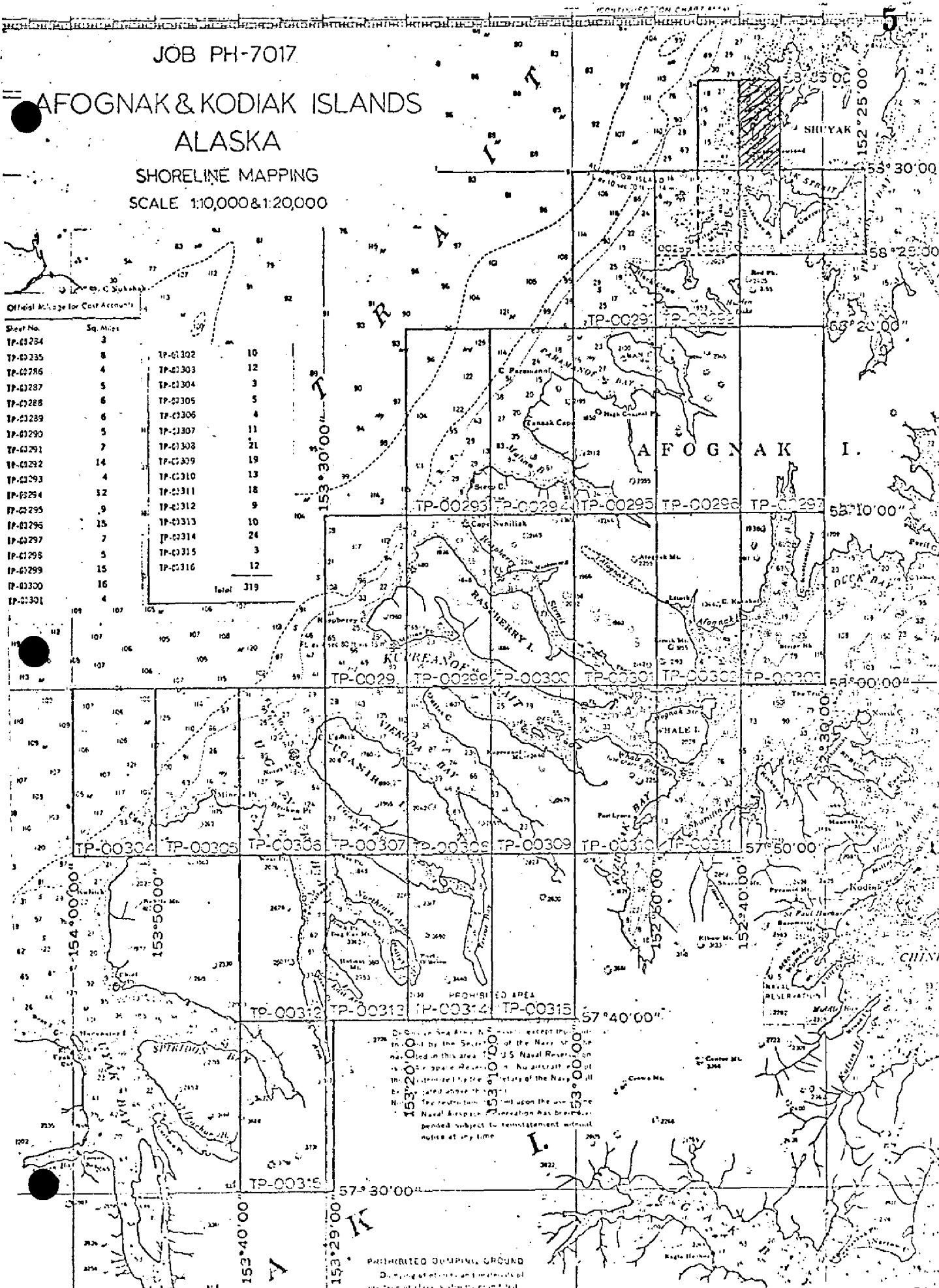
JOB PH-7017

# AFOGNAK & KODIAK ISLANDS ALASKA

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

Official Release for Cost Accounts

Sheet No.	Sq. Miles		
TP-01284			
TP-01285	8	TP-01302	10
TP-01286	4	TP-01303	12
TP-01287	5	TP-01304	3
TP-01288	6	TP-01305	5
TP-01289	6	TP-01306	4
TP-01290		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



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PROHIBITED DUMPING GROUND  
Dumping of refuse and materials of any kind is prohibited in this area.



## 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.

73  
4

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

PH - 7017

TP - 00285

There was no field inspection prior to compilation. Field work accomplished 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 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

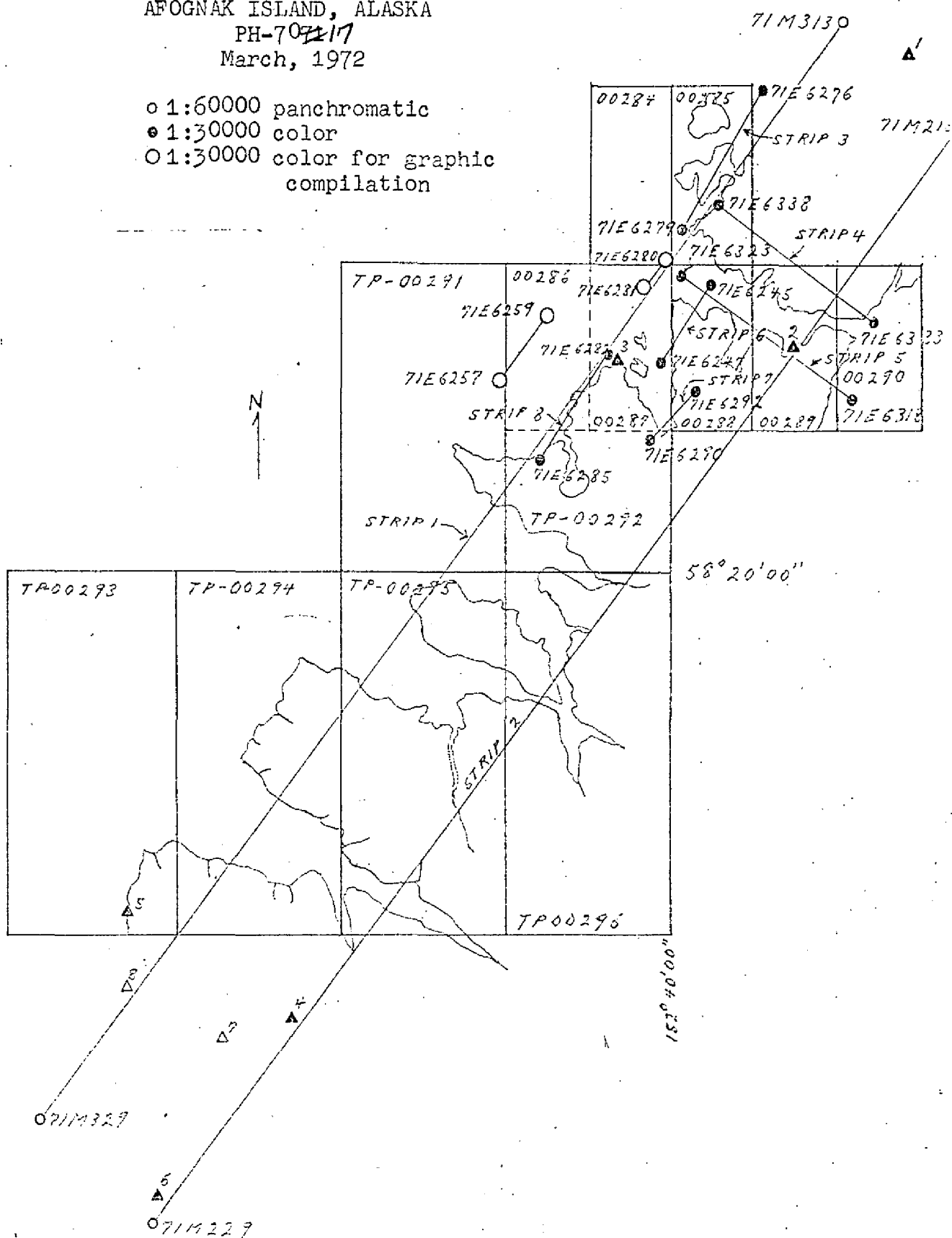
90801	( 0.0, 0.0)
91801	(+2.3, -0.9)
92801	( 0.0, 0.0)
92802	(-1.1, -0.7)

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-707217  
March, 1972

- ```
o 1:60000 panchromatic
* 1:30000 color
O 1:30000 color for graphic
             compilation
```





## DESCRIPTIVE REPORT CONTROL RECORD

| MAP NO.          | JOB NO. | STATION NAME | SOURCE OF INFORMATION<br>(Index) | AEROTRI-<br>ANGULATION<br>POINT<br>NUMBER | GEODETTIC DATUM                                                                    |                                                               | ORIGINATING ACTIVITY |         |
|------------------|---------|--------------|----------------------------------|-------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------|---------|
|                  |         |              |                                  |                                           | North American 1927<br>COORDINATES IN FEET<br>STATE <u>Alaska</u><br>ZONE <u>5</u> | Geographic Position<br>$\phi$ LATITUDE<br>$\lambda$ LONGITUDE | Coastal Mapping, AMC | REMARKS |
| TP-00285         | PH-7017 | PROM, 1926   | G.P.Vol.<br>pg. 511              | V                                         | X=                                                                                 | $\phi$ 58° 32' 36.179"                                        |                      |         |
|                  |         |              |                                  |                                           | Y=                                                                                 | $\lambda$ 152° 39' 54.458"                                    |                      |         |
| HEAD, 1926       |         |              | G.P.Vol.<br>pg. 517              | V                                         | X=                                                                                 | $\phi$ 58° 31' 40.621"                                        |                      |         |
|                  |         |              |                                  |                                           | Y=                                                                                 | $\lambda$ 152° 38' 30.842"                                    |                      |         |
| NEWLAND, 1926    |         |              | G.P.Vol.<br>pg. 495              | V                                         | X=                                                                                 | $\phi$ 58° 30' 27.114"                                        |                      |         |
|                  |         |              |                                  |                                           | Y=                                                                                 | $\lambda$ 152° 39' 11.746"                                    |                      |         |
| GREEN, 1926      |         |              | G.P.Vol.<br>pg. 516              | V                                         | X=                                                                                 | $\phi$ 58° 31' 33.937"                                        |                      |         |
|                  |         |              |                                  |                                           | Y=                                                                                 | $\lambda$ 152° 39' 49.924"                                    |                      |         |
|                  |         |              |                                  |                                           | X=                                                                                 | $\phi$                                                        |                      |         |
|                  |         |              |                                  |                                           | Y=                                                                                 | $\lambda$                                                     |                      |         |
|                  |         |              |                                  |                                           | X=                                                                                 | $\phi$                                                        |                      |         |
|                  |         |              |                                  |                                           | Y=                                                                                 | $\lambda$                                                     |                      |         |
|                  |         |              |                                  |                                           | X=                                                                                 | $\phi$                                                        |                      |         |
|                  |         |              |                                  |                                           | Y=                                                                                 | $\lambda$                                                     |                      |         |
|                  |         |              |                                  |                                           | X=                                                                                 | $\phi$                                                        |                      |         |
|                  |         |              |                                  |                                           | Y=                                                                                 | $\lambda$                                                     |                      |         |
|                  |         |              |                                  |                                           | X=                                                                                 | $\phi$                                                        |                      |         |
|                  |         |              |                                  |                                           | Y=                                                                                 | $\lambda$                                                     |                      |         |
|                  |         |              |                                  |                                           | X=                                                                                 | $\phi$                                                        |                      |         |
|                  |         |              |                                  |                                           | Y=                                                                                 | $\lambda$                                                     |                      |         |
|                  |         |              |                                  |                                           | X=                                                                                 | $\phi$                                                        |                      |         |
|                  |         |              |                                  |                                           | Y=                                                                                 | $\lambda$                                                     |                      |         |
| COMPUTED BY      |         |              |                                  |                                           | DATE                                                                               | COMPUTATION CHECKED BY                                        | DATE                 |         |
| LISTED BY        |         |              |                                  |                                           | DATE                                                                               | LISTING CHECKED BY                                            | DATE                 |         |
| HAND PLOTTING BY |         |              |                                  |                                           | DATE                                                                               | HAND PLOTTING CHECKED BY                                      | DATE                 |         |

A. Rauck

APR. 1972

F. Margiotta

APR. 1972



## Compilation Report

TP-00285

31. DELINEATION

Delineation was accomplished using the Wild B-8 and color photography. The photography was good. There was no field inspection prior to compilation.

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 DETAIL

Because the stage of tide of the photographs is near mean high water, only the mean high water line, bare rocks, and those rocks believed to be awash at or near mean high water were shown.

36. OFFSHORE DETAIL

None.

37. LANDMARKS AND AIDS TO NAVIGATION

None.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Junctions are in agreement with TP-00284 to the west and TP-00288 to the south. There is no contemporary survey to either the north or east.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S.G.S. quadrangle AFOGNAK (C-2 and C-3) ALASKA, scale 1:63,360 dated 1954.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with Chart 8573, scale 1:20,000, 3rd edition dated June 16th, 1969.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

Submitted by,

/s/

Richard R. White  
Cartographic Technician  
April 26, 1972

Approved:

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

ADDENDUM TO COMPILATION REPORT

TP-00285

FIELD EDIT:

Field edit was adequate. No field edit report was submitted.

REVIEW REPORT  
TP-00285

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. Field Data

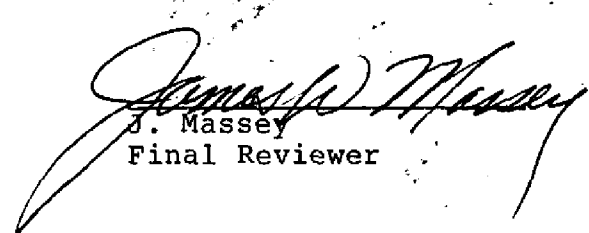
Ledges, foul areas, and selected rocks for the Cape Newland and northern reaches of Shuyak Harbor areas were field checked on July 11, 1972. The field data was submitted on the source documents referenced on NOAA Form 76-36C, History of Field Operations, Field Edit. Application to the map was made from these source documents in support of the Nautical Charting Program by personnel of the Photogrammetry Branch, Atlantic Marine Center.

68. Delineation

Delineation was accomplished using a Wild B-8 stereoplotter through application of standard mapping techniques. This was supplemented by an office interpretation and graphic application of the ratioed, 1:30,000-scale, natural color photographs.

Submitted by,

D. Butler  
Office Reviewer

  
J. Massey  
Final Reviewer

Approved by,

  
Gray O. Robson  
Acting Chief, Photogrammetric Production Section

 CDR NOAA  
A. V. Bryan  
Chief, Photogrammetry Branch

December 13, 1971

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

PH-7017 (Alaska)

TP-00285

Big Bay

Cape Newland

Eagle Cape

Green Island

Neketa Bay

~~Shelikof Strait~~ *gum*

Shuyak Harbor

Shuyak Island

Western Inlet *gum**chart # 16604 1:78,000 9<sup>th</sup> Ed Sept 10/83  
(Shuyak + Afognak Islands)*

Approved by:

*A. Joseph Wraight*  
A. Joseph Wraight  
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

