

TP 00309

TP-00309

NOAA FORM 76-35 (6-80)		
U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY		
<b>DESCRIPTIVE REPORT</b> This Map Will Not Be Field Edited		
<i>Map No.</i> TP-00309	<i>Edition No.</i> One	
<i>Job No.</i> PH-7017		
<i>Map Classification</i> Final Class III		
<i>Type of Survey</i> Shoreline		
<b>LOCALITY</b>		
<i>State</i> Alaska		
<i>General Locality</i> Afognak and Kodiak Islands		
<i>Locality</i> Dry Spruce Island		
<table border="1"><tr><td>1971 TO 19</td></tr></table>		1971 TO 19
1971 TO 19		
<b>REGISTERED IN ARCHIVES</b>		
<b>DATE</b>		

DESCRIPTIVE REPORT

TP-00309

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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		ZONE	<input type="checkbox"/> STANDARD
<input checked="" type="checkbox"/> PREDICTED TIDES		(P) PANCHROMATIC		Alaska	<input checked="" type="checkbox"/>
<input type="checkbox"/> REFERENCE STATION RECORDS		(I) INFRARED		MERIDIAN	<input type="checkbox"/> DAYLIGHT
<input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				150th	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
71 E (C) 6072-6075	07/04/71	13:33	1:20,000	8.1 ft. Above MLLW	
71 E (C) 6372-6374	07/06/71	15:35	1:20,000	6.4 ft. Above MLLW	
71 E (C) 7258-7262	08/03/71	10:48	1:20,000	10.33ft. Above MLLW	
71 E (C) 7284-7288	08/03/71	11:02	1:20,000	10.5 ft. Above MLLW	
71 E (C) 7296-7301	08/03/71	11:13	1:20,000	10.6 ft. Above MLLW	
*71 M (P) 237-239	07/04/71	11:48	1:60,000	10.1 ft. Above MLLW	
*71 M (P) 165-168	07/04/71	10:37	1:60,000	10.2 ft. Above MLLW	
*71 M (P) 194-195	07/04/71	11:03	1:60,000	10.3 ft. Above MLLW	

REMARKS  
\* Denotes Compilation Photography

2. SOURCE OF MEAN HIGH-WATER LINE:  
  
The mean high water line was compiled from the above listed photography.

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-00300	TP-00310	TP-00315	TP-00308

REMARKS

HISTORY OF FIELD OPERATIONS

I.  FIELD OPERATION  FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. F. Lanier	June 1971
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 COMPLETE BY <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	NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED: None  
2. VERTICAL CONTROL IDENTIFIED: 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  NONE  
6. BOUNDARY AND LIMITS:  REPORT  NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

None

TP-00309  
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES			DATE MANUSCRIPT FORWARDED	
COMPILATION STAGES			MARINE CHARTS	HYDRO SUPPORT
DATA COMPILED	DATE	REMARKS		
Compilation complete pending field edit	8/15/73	Class III manuscript	12/03/74	July 8, 1975
		Unreviewed Class III Manuscript to Charles Lewis, N/CG2321 for Marine Charts	July 1984	

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	Two non-floating aids to be charted

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

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	

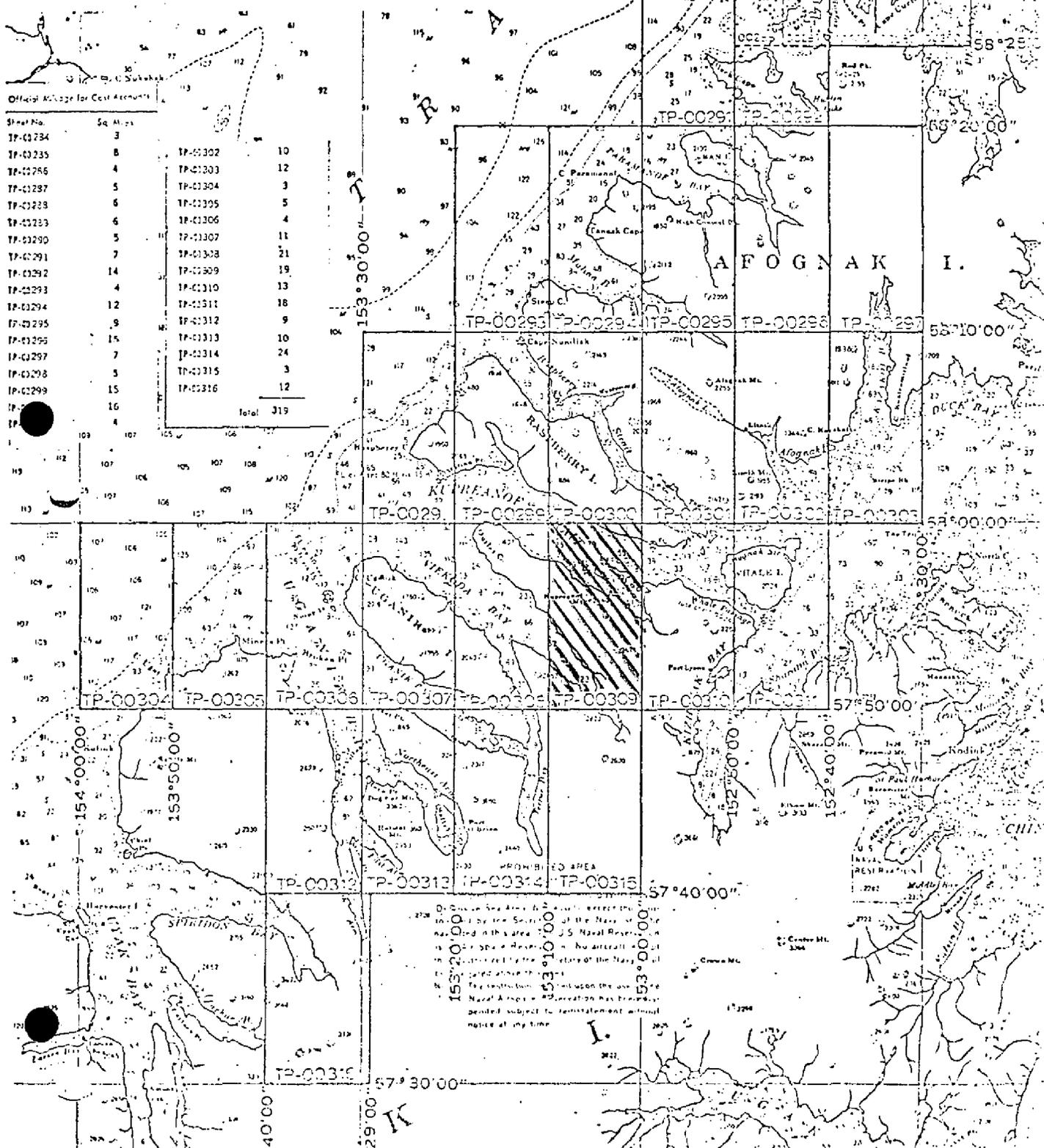
JOB PH-7017

# AFOGNAK & KODIAK ISLANDS ALASKA

SHORELINE MAPPING  
SCALE 110,000 & 1:20,000

Official Usage for Coast Account

Sheet No.	Sq. Miles	TP-00284	TP-00302	10
1	3	TP-00285	TP-00303	12
2	4	TP-00287	TP-00304	3
3	5	TP-00288	TP-00305	5
4	6	TP-00289	TP-00306	4
5	6	TP-00290	TP-00307	11
6	7	TP-00291	TP-00308	21
7	14	TP-00292	TP-00309	19
8	4	TP-00293	TP-00310	13
9	12	TP-00294	TP-00311	18
10	9	TP-00295	TP-00312	9
11	15	TP-00296	TP-00313	10
12	7	TP-00297	TP-00314	24
13	5	TP-00298	TP-00315	3
14	15	TP-00299	TP-00316	12
15	16			
16	4			
Total		319		



PROHIBITED AREA

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## 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-00309

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.

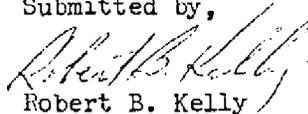
24. SUPPLEMENTAL DATA

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

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 )

151° 57' 07' 37' 27' 17' 153° 57' 07' 27'

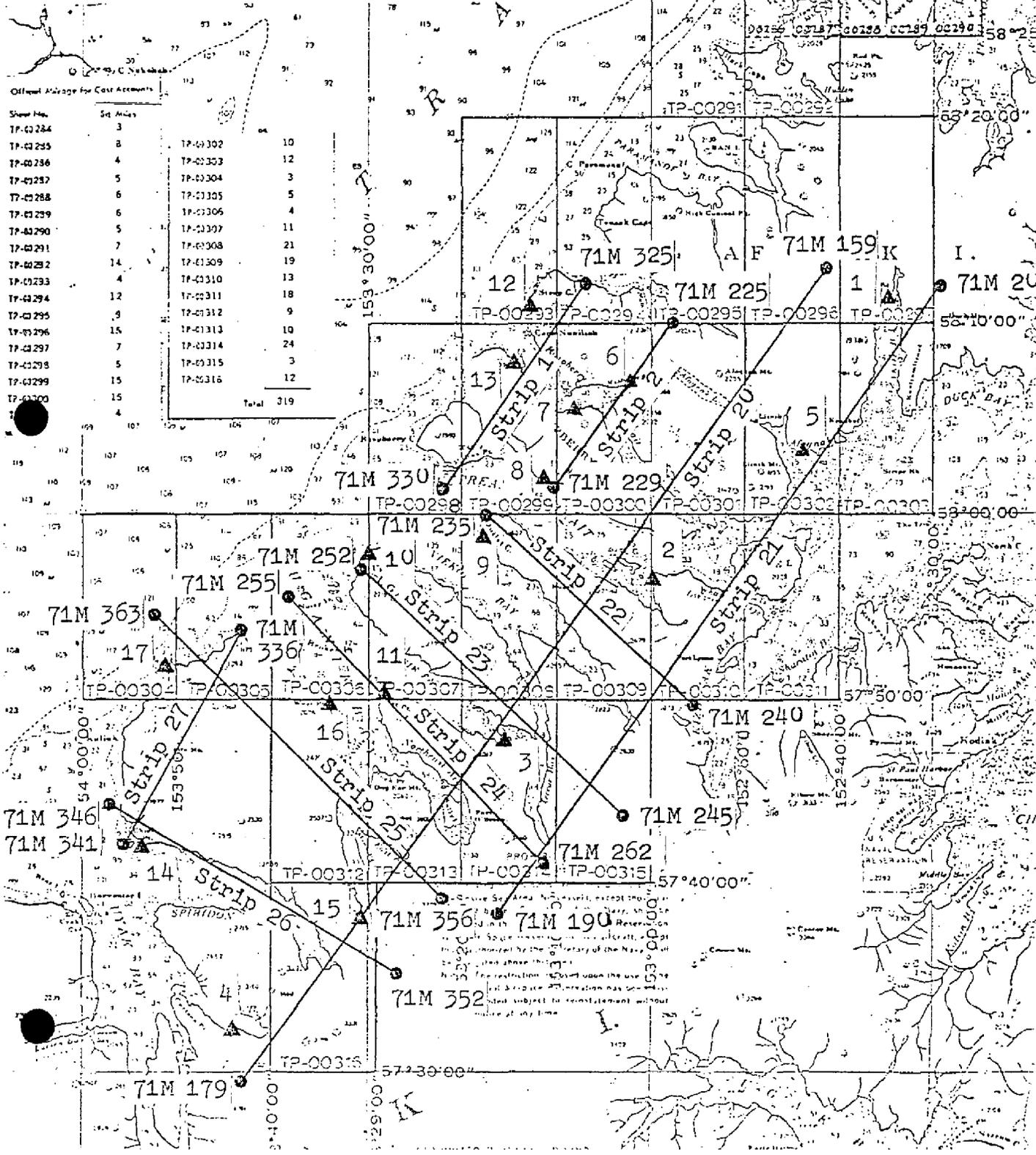
# JOB PH-7017 AFOGNAK & KODIAK ISLANDS ALASKA

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

Sheet No.      Set Miles

TP-02284	3		
TP-02285	8	TP-03302	10
TP-02286	4	TP-03303	12
TP-02287	5	TP-03304	3
TP-02288	6	TP-03305	5
TP-02289	6	TP-03306	4
TP-02290	5	TP-03307	11
TP-02291	7	TP-03308	21
TP-02292	14	TP-03309	19
TP-02293	4	TP-03310	13
TP-02294	12	TP-03311	18
TP-02295	9	TP-03312	9
TP-02296	15	TP-03313	10
TP-02297	7	TP-03314	24
TP-02298	5	TP-03315	3
TP-02299	15	TP-03316	12
TP-02300	15		
	4	Total	319

Offset Allowance for Cost Accounts



These So. Area, except those in the...  
 Reservation...  
 The restriction...  
 subject to...  
 at any time.

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETTIC DATUM		AEROTRI- ANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS
			TP-00309	CM-7017		STATE	ZONE	φ	λ	
	1907	Quad 57153 Pg. 7	NA 1927	ALASKA		X=	57 57	44.763	1384.9	( 471.4)
				5		Y=	153 03	15.235	250.5	( 736.0)
	1908	Quad 57153 Pg. 7				X=	57 54	30.057	929.9	( 926.4)
						Y=	153 09	38.680	637.0	( 351.1)
	1908	Quad 57153 Pg. 12				X=	57 52	58.454	1808.4	( 47.9)
						Y=	153 07	22.430	369.6	( 619.2)
	1908	Quad 57153 Pg. 23				X=	57 52	12.783	395.5	(1460.8)
						Y=	153 06	12.642	208.4	( 780.7)
	1908	Quad 57153 Pg. 6				X=	57 50	49.163	1521.0	( 335.3)
						Y=	153 05	08.659	142.8	(847.0)
	1908	Quad 57153 Pg. 9				X=	57 50	49.163	1114.3	( 742.0)
						Y=	153 04	42.635	703.4	( 286.5)
	1908	Quad 57153 Pg. 2				X=	57 50	18.423	570.0	(1286.3)
						Y=	153 03	43.271	714.0	( 276.0)
	1908	Quad 57153 Pg. 2				X=	57 52	41.987	1299.0	( 557.3)
						Y=	153 09	46.906	773.1	( 215.8)
	1908	Quad 57153 Pg. 16				X=	57 50	29.160	902.2	( 954.1)
						Y=	153 05	54.838	904.8	( 85.2)
	1908	Quad 57153 Pg. 21				X=	57 51	28.045	867.7	( 988.6)
						Y=	153 06	58.442	963.8	( 26.2)

ORIGINATING ACTIVITY	Coastal Mapping
Division	Norfolk, Va.
COMPUTATION CHECKED BY	C. Blood
DATE	5/31/73
LISTING CHECKED BY	
DATE	
HAND PLOTTING CHECKED BY	
DATE	
DATE	6/1/73

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	GEODETTIC DATUM		AEROTRI- ANGULATION POINT NUMBER	SOURCE OF INFORMATION (Index)	COORDINATES IN FEET STATE Alaska ZONE 5	NA 1927	GEOGRAPHIC POSITION		ORIGINATING ACTIVITY		REMARKS
			φ LATITUDE	λ LONGITUDE					Division, Norfolk, Va.	Coastal Mapping			
TP-00309	VIEW, 1907	CM-7017	X=	φ		Quad 57153 Pg. 27	X=	57	57	57	447	1777.4	( 78.9)
			Y=	λ			Y=	153	09	13.260		218.0	( 768.5)
			X=	φ			X=						
			Y=	λ			Y=						
			X=	φ			X=						
			Y=	λ			Y=						
			X=	φ			X=						
			Y=	λ			Y=						
			X=	φ			X=						
			Y=	λ			Y=						
			X=	φ			X=						
			Y=	λ			Y=						
			X=	φ			X=						
			Y=	λ			Y=						
COMPUTED BY			DATE				COMPUTATION CHECKED BY					DATE	6/1/73
LISTED BY	A. C. Rauck, Jr.		5/31/73				LISTING CHECKED BY	C. Blood				DATE	
HAND PLOTTING BY			DATE				HAND PLOTTING CHECKED BY					DATE	

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

## COMPILATION REPORT

TP-00309

## 31. DELINEATION:

Delineation was by the Wild B-8 Stereoplotter. Color photography was taken at 1;20,000-scale and "M" photography was taken at 1;60,000-scale. The photography was adequate.

## 32. CONTROL:

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

## 33. SUPPLEMENTAL DATA:

None

## 34. CONTOURS AND DRAINAGE:

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

## 35. SHORELINE AND ALONGSHORE DETAILS:

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

The mean high water line was delineated from the photographs.

## 36. OFFSHORE DETAILS:

None

## 37. LANDMARKS AND AIDS:

NOAA Forms 76-40 for two (2) non-floating aids to navigation were prepared by the compilation activity. Copies of these forms were not forwarded to the Rockville Maryland office.

## 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 U. S. Geological Survey Quadrangle: Kodiak (D-4), Alaska, scale 1:63,360, dated 1954.

## 47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with National Ocean Survey Chart: 8534, scale 1:78,900, 5th edition, dated Jan. 30, 1971.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None

ITEMS TO BE CARRIED FORWARD:

None

Submitted by:

*13/*

Charles Parker

Cartographic Aid

Date: August 20, 1973

Approved for forwarding:

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

Review Report  
TP-00309

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 Edit

A rock located at approximately 57° 56.6' Latitude and 153° 00.1' Longitude is the only field edit data depicted on this manuscript. Field information pertaining to the depiction of this rock was determined by NOAA Ship Davidson personnel during June, July, and August, of the 1981 field season. This information was submitted as part of the field edit data submitted for map manuscript TP-00310, and is available for reference within the archived field records for map manuscript TP-00310.

## 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

James W. Massey  
J. Massey  
Final Reviewer

Approved by,

Jay O. Robson  
Acting Chief, Photogrammetric Production Section

A. Y. Bryan CDR, NOAA  
Chief, Photogrammetry Branch

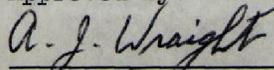
Mar. 2, 1973

GEOGRAPHIC NAMES  
FINAL NAMES SHEET  
PH-7017 (Alaska)

TP-00309

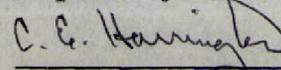
Bare Island  
Drying Point  
Dry Spruce Bay  
Dry Spruce Island  
Gori Point  
Kodiak Island  
~~Kupreanof Mountain~~ gum  
Kupreanof Peninsula  
Kupreanof Strait  
Ostrovka Point  
Perenosa Point  
Port Bailey  
Raspberry Island  
Viekoda Bay

Approved by:



A. Joseph Wraight  
Chief Geographer

Prepared by:



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

**NDAA FORM 76-40**  
 (8-74)  
 Replaces C&GS Form 567.

**NONFLOATING AIDS OR LANDMARKS FOR CHARTS**

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

<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED The following objects HAVE <input type="checkbox"/> <del>HAVE NOT</del> been inspected from seaward to determine their value as landmarks. OPR PROJECT NO.	REPORTING UNIT (Field Party, Ship or Office) Coastal Mapping Div. Norfolk, Va.	STATE Alaska	LOCALITY Afognak & Kodiak Islands (Dry Spruce Island)	DATE 8/20/73	ORIGINATING ACTIVITY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel)	
	JOB NUMBER PH-7017	SURVEY NUMBER TP-00309	DATUM NA 1927		METHOD AND DATE OF LOCATION (See instructions on reverse side)	
CHARTING NAME  LIGHT  LIGHT	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)  Dry Spruce Bay Light  Dry Spruce Island Rock Light	POSITION LATITUDE ° / ' " D.M. Meters 57 57 22.1 153 06 4.0 684		LONGITUDE ° / ' " D.P. Meters 153 04 2.2 37		CHARTS AFFECTED  8534 8556  8534 8556
		OFFICE 71M-166 7/4/71		FIELD 71M-166 7/4/71		

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
POSITIONS DETERMINED AND/OR VERIFIED	FIELD ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	<input type="checkbox"/> OFFICE ACTIVITY REPRESENTATIVE <input type="checkbox"/> REVIEWER <input type="checkbox"/> QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
<b>OFFICE</b> <b>I. OFFICE IDENTIFIED AND LOCATED OBJECTS</b> 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	<b>FIELD (Cont'd)</b> <b>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.</b> EXAMPLE: P-8-V 8-12-75 74L(C)2982
<b>FIELD</b> <b>I. NEW POSITION DETERMINED OR VERIFIED</b> 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	<b>II. TRIANGULATION STATION RECOVERED</b> 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 <b>III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75
<b>**FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.</b> <b>**PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.</b>	

