

TP-00286

TP-00286

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> <p style="text-align: center;">This Map Was Field Edited</p>	
<i>Map No.</i> TP-00286	<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> Grassy Island	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 19⁷¹ TO 19⁷³ </div>	
REGISTERED IN ARCHIVES	
DATE	

DESCRIPTIVE REPORT

TP-00286

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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

- ☒ ORIGINAL
☐ RESURVEY
☐ REVISED

SURVEY TP. 00286

MAP EDITION NO. 1

MAP CLASS Final

JOB PH. 7017

PHOTOGRAMMETRIC OFFICE

Atlantic Marine Center
Norfolk, Virginia

OFFICER-IN-CHARGE

Jeffrey G. Carlen, Cdr. NOAA

LAST PRECEDING MAP EDITION

TYPE OF SURVEY

- ☐ ORIGINAL
☐ RESURVEY
☐ REVISED

JOB PH. _____

MAP CLASS _____

SURVEY DATES:

19 ____ TO 19 ____

I. INSTRUCTIONS DATED

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:

☒ 1927 NORTH AMERICAN

OTHER (Specify)

2. VERTICAL:

- ☒ MEAN HIGH-WATER
☐ MEAN LOW-WATER
☐ MEAN LOWER LOW-WATER
☐ MEAN SEA LEVEL

OTHER (Specify)

3. MAP PROJECTION

Polyconic

4. GRID(S)

STATE
AlaskaZONE
55. SCALE
1:10,000

STATE

ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION	BY	D. Norman	Mar. 1972
METHOD: Analytic	LANDMARKS AND AIDS BY	H. Eichert	Mar. 1972
2. CONTROL AND BRIDGE POINTS	PLOTTED BY	D. Phillips	Apr. 1972
METHOD: Coradomat	CHECKED BY	H. Eichert	Apr. 1972
3. STEREOSCOPIC INSTRUMENT	PLANIMETRY BY	R. White	May 1972
COMPILATION	CHECKED BY	R. Pate	May 1972
INSTRUMENT: Wild B-8 Stereoplotter	CONTOURS BY	N/A	
SCALE: 1:10,000	CHECKED BY	N/A	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	R. White	May 1972
	CHECKED BY	R. Pate	May 1972
METHOD: Smooth Drafted	CONTOURS BY	N/A	
	CHECKED BY	N/A	
SCALE: 1:10,000	HYDRO SUPPORT DATA BY	R. White	May 1972
	CHECKED BY	R. Pate	May 1972
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	R. Pate	May 1972
6. APPLICATION OF FIELD EDIT DATA	BY	H. Bazell	July 1974
	CHECKED BY	R. White	Aug. 1974
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

NOAA FORM 76-36A

SUPERSEDES FORM C & GS 181 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00286
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
71 E (C) 6257-6259	5 July 71	14:01	1:30,000	9.3 ft. above MLLW
71 E (C) 6282-6284	5 July 71	14:14	1:30,000	9.0 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 the 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	TP-00287	TP-00292	TP-00291

REMARKS

TP-00286

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 ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	None None None
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	N.A. N.A. N.A.
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 <input checked="" type="checkbox"/> NO INVESTIGATION BY	
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
None2. VERTICAL CONTROL IDENTIFIED
N.A.

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-00286
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	K. Jeffers	Aug. 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	N.A. N.A. N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	None M. Allen None	June 1973
5. GEOGRAPHIC NAMES INVESTIGATION TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY	M. Allen	June 1973
7. BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY	N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED
None2. VERTICAL CONTROL IDENTIFIED
N.A.

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

71E(C)6283 and 6284

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)

A field edit report and two field edit ozalids.

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00286
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.	May 1972	Class III manuscript Superseded	May 19, 1972	May 18, 1972
Field edit applied, compilation complete	Aug. 1974	Class I manuscript	Nov. 15, 1974	Aug. 14, 1974

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1	#85074 07/15/74	10 July 74	Appropriate forms 76-40 are attached with this report.

2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 10 July 1974
 3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: None

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS 567 SUBMITTED BY FIELD PARTIES.
 3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS:

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: 6/3/87

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

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

JOB PH-7017

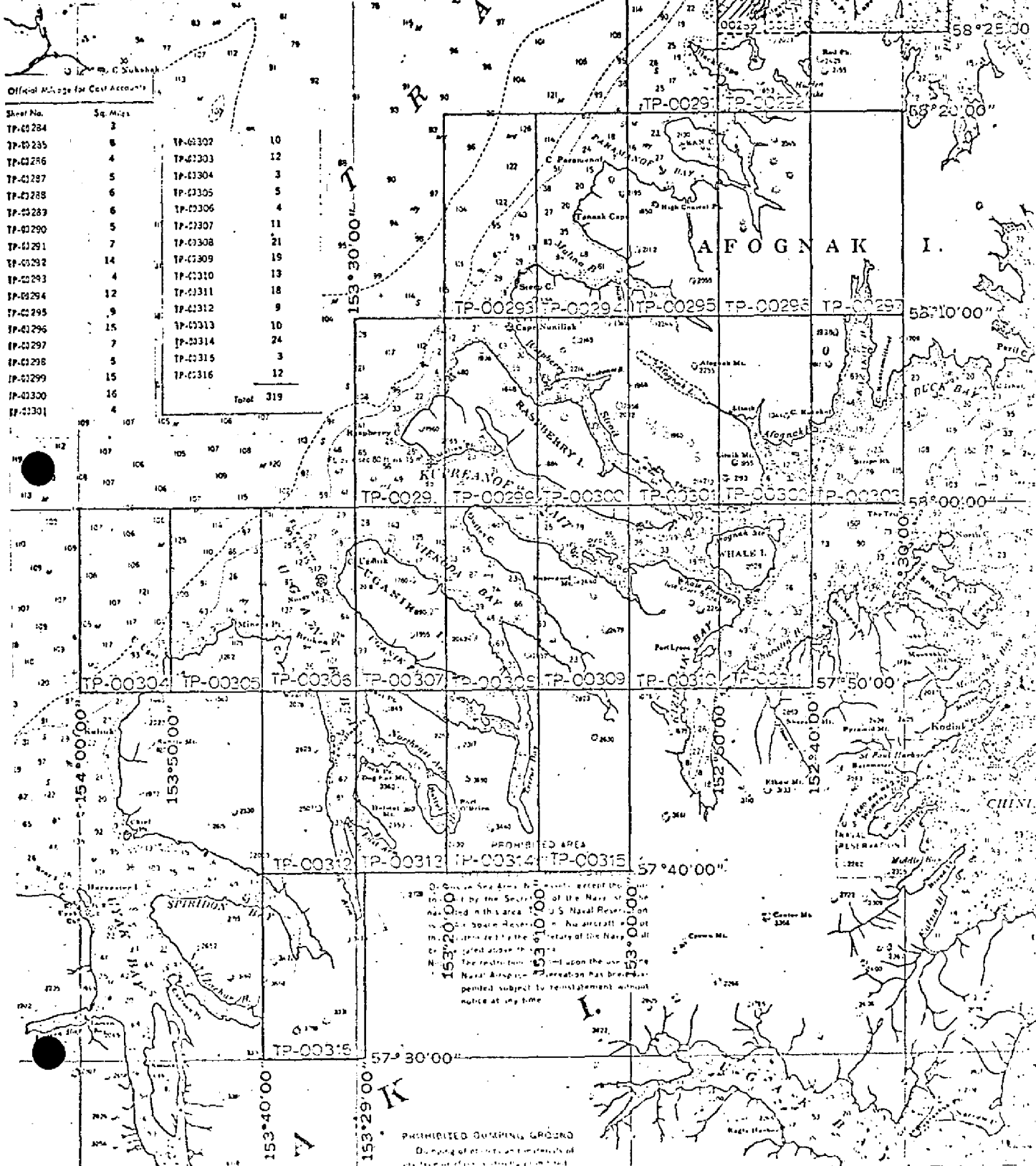
AFOGNAK & KODIAK ISLANDS ALASKA

SHORELINE MAPPING

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

Official Message for Cost Accounts

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	16		
TP-0301	4		
		Total	319



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

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

PH-7017

TP-00286

There was no field inspection prior to compilation. The field work accomplished was limited to the recovery and identification of 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)

DESCRIPTIVE REPORT CONTROL RECORD

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

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY			
TP-00286	PH-7017	North American 1927	Coastal Mapping, AMC			
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE Alaska ZONE 5	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS	
AL, 1926	G.P. Vol. V	-	x=	φ 58° 28' 35.248"		
	Pg. 515		y=	λ 152° 57' 12.007"		
TOM, 1926	G.P. Vol. V	-	x=	φ 58° 26' 31.359"		
	Pg. 515		y=	λ 152° 45' 47.684"		
GRASSY, 1926	G.P. Vol. V		x=	φ 58° 27' 05.388"		
	Pg. 515		y=	λ 152° 46' 47.615"		
ROCK, 1926	G.P. Vol. V		x=	φ 58° 29' 42.977"		
	Pg. 495		y=	λ 152° 46' 48.824"		
			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		DATE	COMPUTATION CHECKED BY			DATE
LISTED BY A. Rauck		DATE Apr. 1972	LISTING CHECKED BY F. Margiotta			DATE MAY 1972
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY			DATE

COMPILATION REPORT

TP-00286

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter. 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 DETAILS:

Because the stage of tide of the photographs is near 9 ft., 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 DETAILS:

None.

37. LANDMARKS AND AIDS:

Appropriate copies of forms 76-40 for one non-floating aid have been forwarded to the Rockville, Md. office on July 10, 1974.

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 quadrangle: Afognak (B-3), Alaska, scale 1:63,360, dated 1954.

47. COMPARISON WITH NAUTICAL CHARTS:

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

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

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Richard R. White
Cartographic Technician
May 12, 1972

Approved:

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

ADDENDUM TO COMPILATION REPORT

TP-00286

FIELD EDIT:

Field edit was adequate. All questions asked were answered.

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.

DISCUSSTION 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,

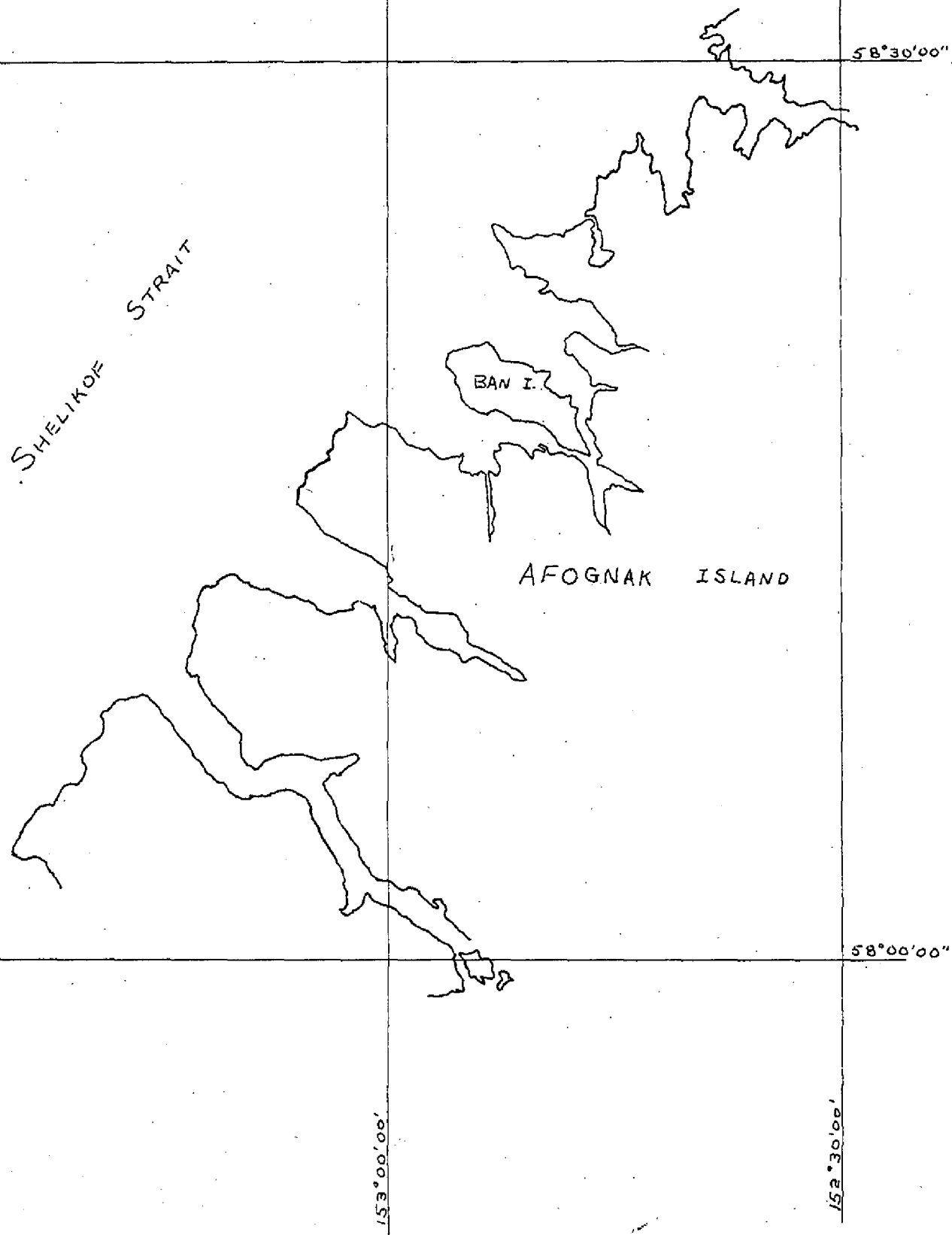
M.H. ALLEN
Ens. NOAA

APPROVAL SHEET

The Field Edit Report is approved as submitted.

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

OPR-478, 1973 - FIELD EDITED SHORELINE-INDICATED IN BLACK



Review Report
TP-00286

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

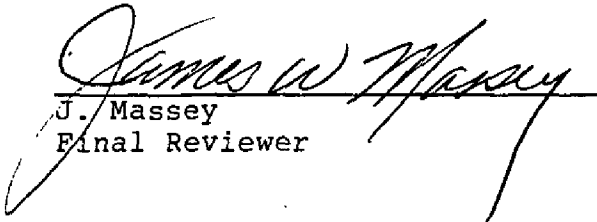
This map meets the National Standards of Map Accuracy and the requirements specified in the project instructions.

67. Delineation

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.

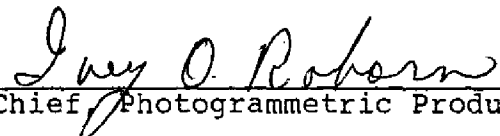
Submitted by,

D. Butler
Office Reviewer

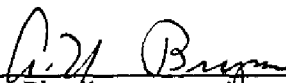


J. Massey
Final Reviewer

Approved by,



Acting Chief, Photogrammetric Production Section

 CDR, NOAA

Chief, Photogrammetry Branch

December 13, 1971

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7017 (Alaska)

TP-00286

Afognak Island ✓

Alligator Island ✓

~~Chugach National Forest~~ gum

Grassy Island ✓

Rocky Island ✓

Shelikof Strait ✓

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

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	M. Allen, Ens., NOAA
POSITIONS DETERMINED AND/OR VERIFIED	M. Allen, Ens., NOAA
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	H. Bazell, Cartographic Aid
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 P - Photogrammetric L - Located Vis - Visually V - Verified 1 - Triangulation 5 - Field identified 2 - Traverse 6 - Theodolite 3 - Intersection 7 - Planetable 4 - Resection 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.	

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-00286

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]