TP-00123

TP-00123

NOAA FORM 76-35
(3-76)

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

DESCRIPTIVE REPORT

THIS MAP EDITION WILL NOT BE FIELD EDITED

Map No.	*Edition No.*
TP-00123	1

Job No.
PH-7002

Map Classification
Class III Final

Type of Survey
Shoreline

LOCALITY

State
New Jersey

General Locality
Delaware Bay

Locality
Nantuxent Creek

1970 TO 19

REGISTRY IN ARCHIVES

DATE

*U.S. GOVERNMENT PRINTING OFFICE:1976-669-248

MAP NOT INSPECTED BY

QUALITY CONTROL OF PHOTOGRAMMETRY DIVISION

PRIOR TO REGISTRATION

NOAA FORM 76-36A (3-72) — U. S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

DESCRIPTIVE REPORT - DATA RECORD

TYPE OF SURVEY: [X] ORIGINAL [ ] RESURVEY [ ] REVISED

SURVEY TP-00123

MAP EDITION NO. (1)

MAP CLASS III Final

JOB PH-7002

PHOTOGRAMMETRIC OFFICE
Coastal Mapping Division
Atlantic Marine Center Norfolk, VA

OFFICER-IN-CHARGE
A. Y. Bryson

LAST PRECEEDING MAP EDITION
TYPE OF SURVEY: [ ] ORIGINAL [ ] RESURVEY [ ] REVISED
JOB PH-
MAP CLASS
SURVEY DATES: 19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE		2. FIELD	
Aerotriangulation (Part I)	November 23, 1970	Precompilation Field	July 22, 1970
Aerotriangulation (Part II)	January 15, 1971		
Compilation (Part I)	March 17, 1971		
Compilation (Part II)	May 5, 1972		
Amendment I	March 28, 1975		
Supplement I	April 18, 1975		
Memo (Cancel field edit)	December 14, 1979		
Memo (Completion Schedule)	June 22, 1981		

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] MEAN HIGH-WATER [ ] MEAN LOW-WATER [ ] MEAN LOWER LOW-WATER [ ] MEAN SEA LEVEL — OTHER (Specify)

3. MAP PROJECTION: Polyconic

4. GRID(S): STATE: New Jersey; ZONE:

5. SCALE: 1:10,000 — STATE: ; ZONE:

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic	BY	D. Brant	May 1972
	LANDMARKS AND AIDS BY	H. Eichert	May 1972
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat	PLOTTED BY	D. Brant	May 1972
	CHECKED BY	H. Eichert	May 1972
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	Charles Parker	Dec. 1975
	CHECKED BY	C. Blood	Dec. 1975
INSTRUMENT: Wild B-8	CONTOURS BY	NA	
SCALE: 1:10,000	CHECKED BY	NA	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	Charles Parker	Jan. 1976
	CHECKED BY	C. Blood	March 1976
METHOD: Smooth drafted	CONTOURS BY	NA	
	CHECKED BY	NA	
SCALE: 1:10,000	HYDRO SUPPORT DATA BY	Charles Parker	Jan. 1976
	CHECKED BY	C. Blood	March 1976
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	C. Blood	March 1976
6. APPLICATION OF FIELD EDIT DATA	BY	NA	
	CHECKED BY	NA	
7. COMPILATION SECTION REVIEW	BY	C. Blood	March 1976
8. FINAL REVIEW	BY	Lowell O. Neterer, Jr.	July 1983
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY	Lowell O. Neterer, Jr.	JAN 1984
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY		
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	E DAUGHERTY	NOV 1984

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 SURVEY

TP-00123

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S): Wild RC-8 "L" (focal length = 152.21)

TYPES OF PHOTOGRAPHY LEGEND
(C) COLOR
(P) PANCHROMATIC
(I) INFRARED

TIME REFERENCE
ZONE: Eastern — [X] STANDARD
MERIDIAN: 75th — [ ] DAYLIGHT

TIDE STAGE REFERENCE
[X] PREDICTED TIDES
[ ] REFERENCE STATION RECORDS
[ ] TIDE CONTROLLED PHOTOGRAPHY

	NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
*	70 L(C) 1132A - 1135A	11/17/70	10:59	1:40,000	5.5 ft. above MLW
*	70 L(C) 1115A - 1118A	11/17/70	10:45	1:40,000	5.2 ft. above MLW
**	70 L(C) 9434 - 9436	3/11/70	11:48	1:20,000	5.7 ft. above MLW
**	70 L(C) 9455 - 9459	3/11/70	12:02	1:20,000	5.8 ft. above MLW

REMARKS *Bridging and compilation photos--centers not shown on the map.
**Hydro support photos--centers shown on the map.

2. SOURCE OF MEAN HIGH-WATER LINE:

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

3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

Not applicable

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-00124	TP-00122

REMARKS

NOAA FORM 76-36C
(3-72)

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

TP-00123

HISTORY OF FIELD OPERATIONS

I. [X] FIELD INSPECTION OPERATION (Premarking) [ ] FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		J. Wilson	Sept. 1970
2. HORIZONTAL CONTROL	RECOVERED BY	None	
	ESTABLISHED BY	None	
	PRE-MARKED OR IDENTIFIED BY	None	
3. VERTICAL CONTROL	RECOVERED BY	NA	
	ESTABLISHED BY	NA	
	PRE-MARKED OR IDENTIFIED BY	NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (*Triangulation Stations*) BY	None	
	LOCATED (*Field Methods*) BY	None	
	IDENTIFIED BY	R. Tibbitts	Sept. 1970
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION: [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [XX] NO INVESTIGATION — BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY		
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	None	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED: None

2. VERTICAL CONTROL IDENTIFIED: Inapplicable

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (*Clarification of details*)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Photo- identified

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
70 L(C)9458	Nantuxent Creek Entrance Light		
70 L(C)9458	Nantuxent Point Light		

5. GEOGRAPHIC NAMES: [ ] REPORT [X] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [X] NONE

7. SUPPLEMENTAL MAPS AND PLANS

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

NOAA FORM 76-36C
(3-72)

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092

NOAA FORM 76-36D
(3-72)

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

TP-00123

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete	Jan. 15, 1976	Class III Manuscript	March 19, 1980	Mar. 18, 1980
Final Review Class III	July 1983	Final Class III map		

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER pages	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Mar. 28, 1980	Aids For Charts

2. [X] REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: March 28, 1980
3. [ ] REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: None

III. FEDERAL RECORDS CENTER DATA

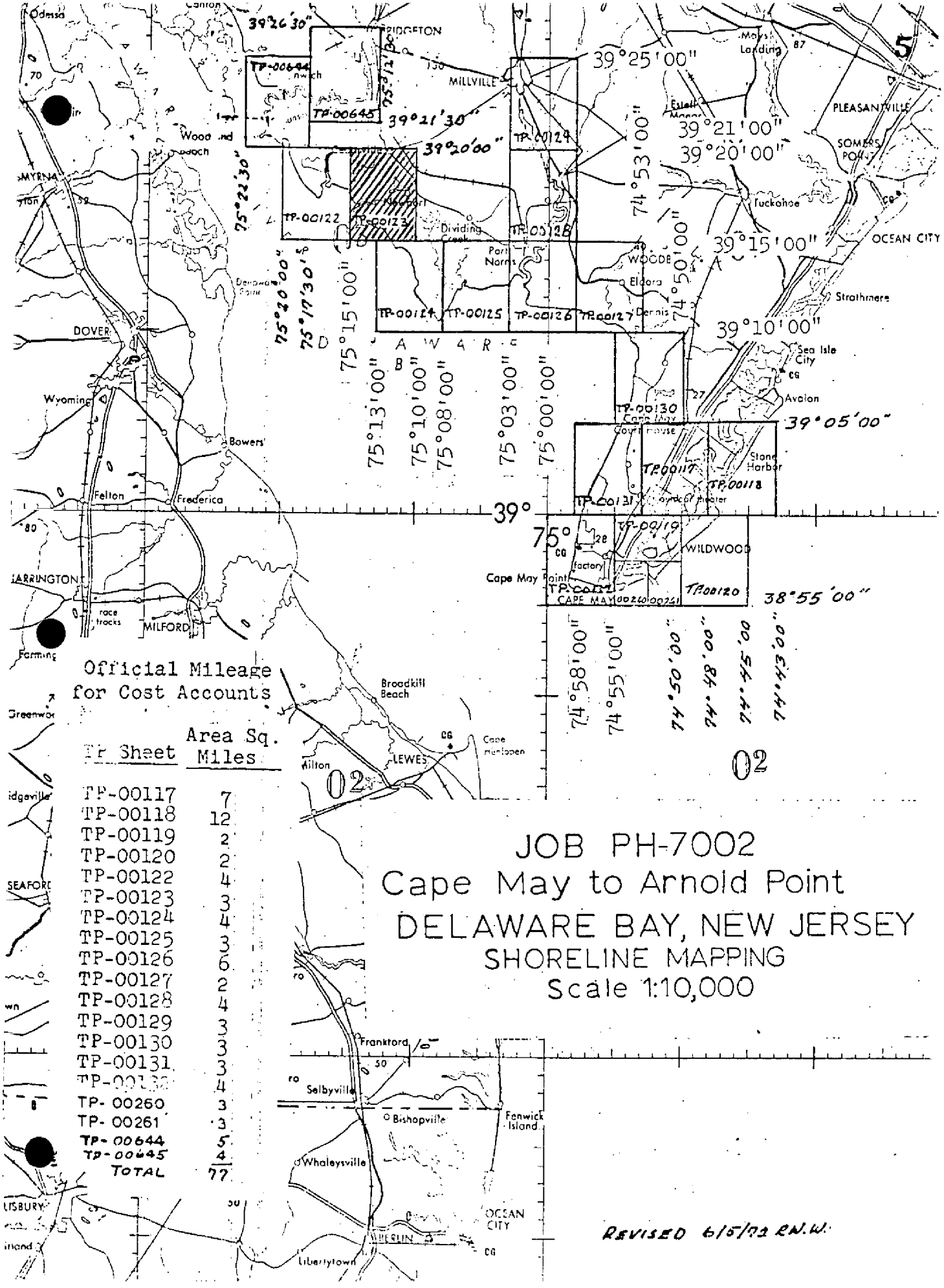
1. [ ] BRIDGING PHOTOGRAPHS; [XX] DUPLICATE BRIDGING REPORT; [X] COMPUTER READOUTS.
2. [ ] CONTROL STATION IDENTIFICATION CARDS; [ ] FORM NOS 76-40 SUBMITTED BY FIELD PARTIES.
3. [X] SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS: PHOTO 70L(4) 9458 NOT WITH SURVEY AT TIME OF REGISTRY.
4. [ ] DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
SECOND EDITION	TP - _____ (2)	PH - _____	[ ] REVISED [ ] RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS [ ] II. [ ] III. [ ] IV. [ ] V. [ ] FINAL
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY [ ] REVISED [ ] RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS [ ] II. [ ] III. [ ] IV. [ ] V. [ ] FINAL
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY [ ] REVISED [ ] RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS [ ] II. [ ] III. [ ] IV. [ ] V. [ ] FINAL

NOAA FORM 76-36D

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092



Official Mileage for Cost Accounts

TP Sheet	Area Sq. Miles
TP-00117	7
TP-00118	12
TP-00119	2
TP-00120	2
TP-00122	4
TP-00123	3
TP-00124	4
TP-00125	3
TP-00126	6
TP-00127	2
TP-00128	4
TP-00129	3
TP-00130	3
TP-00131	3
TP-00132	4
TP-00260	3
TP-00261	3
TP-00644	5
TP-00645	4
TOTAL	77

JOB PH-7002

Cape May to Arnold Point

DELAWARE BAY, NEW JERSEY

SHORELINE MAPPING

Scale 1:10,000

REVISED 6/15/72 RN.W.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00123

This 1:10,000 scale shoreline map is one of nineteen maps that comprise project PH-7002, Cape May to Arnold Point, Delaware Bay, New Jersey.

This project encompasses the eastern portion of Delaware Bay from Cape May, latitude 38°55'00", north to Bridgeton, latitude 39°26'30" and from Stone Harbor, longitude 74°43'00" west to the Cohansey River, longitude 75°20'00".

This project was divided into two parts. Part I consists of maps TP-00117 through TP-00120 and TP-00130 through TP-00132 at 1:10,000 scale and TP-00260 and TP-00261 at 1:5,000 scale. Part II consists of maps TP-00122 through TP-00129, TP-00644 and TP-00645 at 1:10,000 scale.

Color photography using the "L" camera was taken in March 1970 at 1:20,000 scale to be used as hydro support photography. Color photographs were taken using the "L" camera in November 1970 at 1:40,000 scale.

They were bridged by analytic aerotriangulation methods.

Field work was done prior to compilation in September 1970. It involved the premarking of horizontal control for aerotriangulation, and the photo-identification of visual hydrographic signals to be positioned by the compilation office.

Analytic aerotriangulation was performed at the Washington Science Center in February 1971 on Part I and in May 1972 on Part II.

Standard compilation was performed, however, the photo-hydro signals were not delineated due to the time lapse since their selection. The hydrographers are now using ground surveyed sites for their electronic position equipment and are not using visual signals. Processed ratio photographs were prepared for the hydrographers should they be needed. This was done at the Atlantic Marine Center in March 1976.

Field edit was canceled in December 1979.

The Final Review was performed at the Atlantic Marine Center in July 1983.

This Descriptive Report contains all pertinent information used to compile this final Class III map.

The original base map and all pertinent data were forwarded to the Washington Science Center for final registration.

FIELD INSPECTION

TP-00123

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
Delaware Bay, New Jersey Part II
Job PH-7002
May 1972

21. Area Covered

This report pertains to the southern shore of the Delaware Bay from Ben Davis Point easterly to Dennis Creeks. This area is covered by nine (9) 1:10,000 scale maps (TP-00122 thru TP-00130).

22. Method

Seven (7) strips of photographs (strip Nos. 4 thru 10) were bridged using analytic aerotriangulation methods. Strip Nos. 4 thru 7 (60 photographs) were used in a block adjustment. Strip No. 8 was adjusted as a single strip using premarked control. Strip Nos. 9 and 10 were bridged using 1:20,000 scale photography. These strips were controlled by positions of points determined in the block adjustment from Part I of this project. Ties were made to all strips. Sketch No. 1 shows the layout of maps, strips of bridging photography and the location of horizontal control stations. The positions of common points between the 1:40,000 and 1:20,000 scale photography were determined in order to ratio the 1:20,000 scale photography for hydro support use. Sketch No. 2 shows the location of the strips of 1:20,000 scale photography for hydro support. Attached to this report is a tabulation of control.

Positions were also determined for fifty (50) hydro signals that were selected and described by a field party before bridging.

Data for the nine (9) 1:10,000 scale maps were plotted by the Coradomat on the New Jersey State Plane Coordinate System.

23. Adequacy of Control

All horizontal control stations were premarked and control was adequate.

24. Supplemental Data

Vertical control for the strip and block adjustments was taken from USGS quadrangles.

25. Photography

The following RC-8 photography was used in bridging:

1:40,000 scale

Strip 4	70-L(C)-8568 thru 8570
Strip 5	70-L(C)-1130A thru 1140A
Strip 6	70-L(C)-1101A thru 1124A
Strip 7	70-L(C)-1074A thru 1095A
Strip 8	79-L(C)-1142A thru 1150A

1:20,000 scale

Strip 9	70-L(C)-9598 thru 9600
Strip 10	70-L(C)-9643 thru 9645

The photography was adequate.

Respectfully submitted:

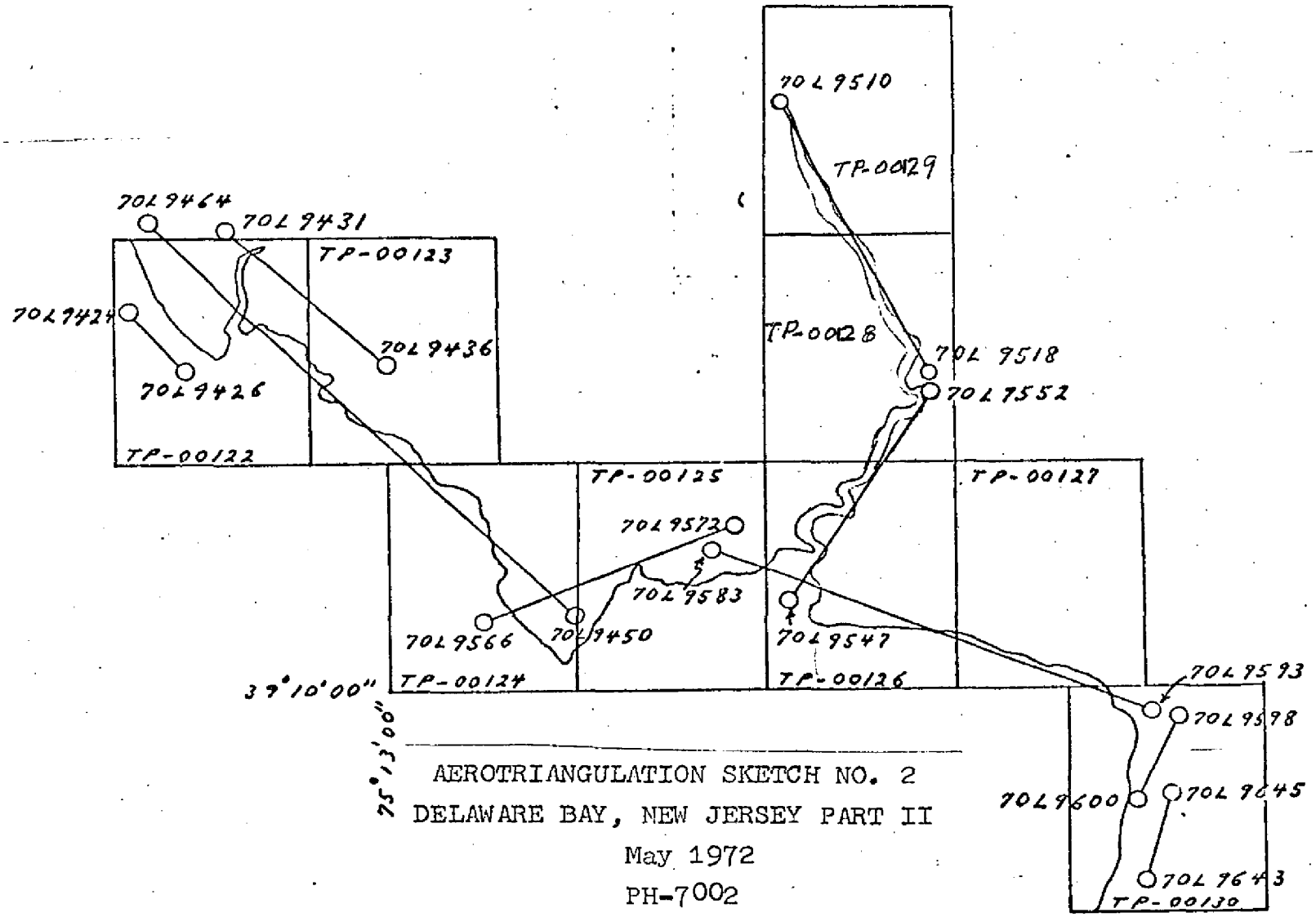
Donald M. Brant

Approved and forwarded:

Henry P. Eichert, Chief
Aerotriangulation Section

DELAWARE BAY, NEW JERSEY
Fit to Control
(x, y) in feet

1.	STITES, 1936 subpoint	(+0.03, +0.02)
2.	GOSHEN, 1933	(-0.04, -0.06)
3.	LEESBURG, 1932 subpoint	(+0.15, -0.02)
4.	EAST, 1933	(-0.09, +0.09)
5.	FALSE EGG ISLAND POINT WOODEN TOWER, 1933	(+0.39, +0.43)
	FALSE EGG ISLAND POINT WOODEN TOWER, 1933 subpoint	(-0.28, +0.07)
6.	JOSCELYNE, 1834	(+0.03, -0.11)
7.	BEN DAVIS POINT LIGHT, 1970	(-3.22, -1.53)
	BEN DAVIS POINT LIGHT, 1970 subpoint	(-0.07, -0.06)
8.	ARNOLD (USE), 1932 subpoint	(-0.09, -0.07)
9.	WILLIS, 1933	(+0.08, -0.06)
10.	PETTINOS, 1935 subpoint	(-4.338, -1.165)
11.	MILLVILLE, 1935 subpoint	(+2.124, +0.769)
12.	Tie Point (From block adjustment)	(+1.142, -0.394)



AEROTRIANGULATION SKETCH NO. 2

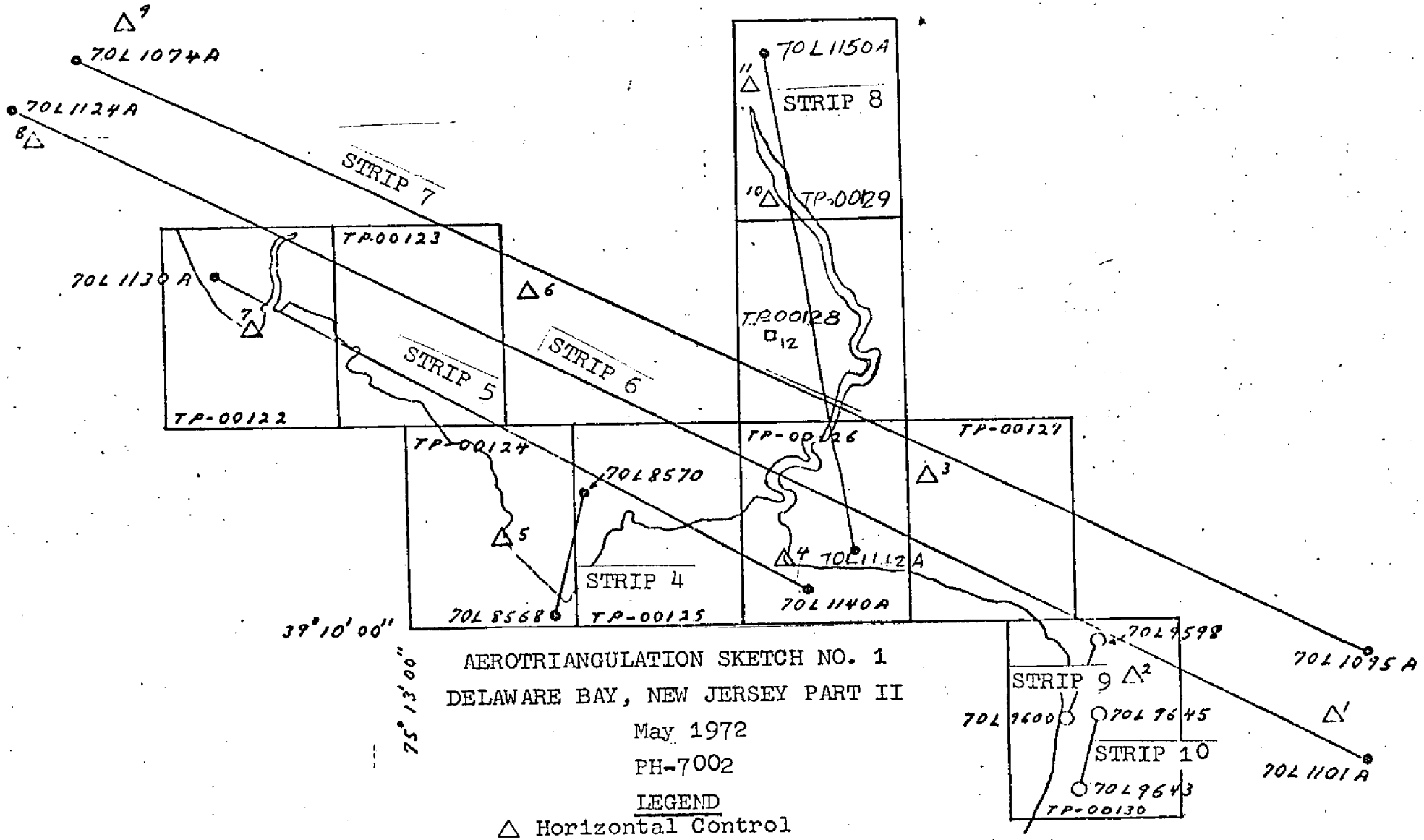
DELAWARE BAY, NEW JERSEY PART II

May 1972

PH-7002

LEGEND

○ 1:20,000 scale color photography



AEROTRIANGULATION SKETCH NO. 1

DELAWARE BAY, NEW JERSEY PART II

May 1972

PH-7002

LEGEND

△ Horizontal Control

□ Tie Point

● 1:40,000 scale color photography

○ 1:20,000 scale color photography

NOAA FORM 76-41
(6-75)

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY
TP-00123	PH-7002		Coastal Mapping Div., AMC

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE _____ ZONE _____	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	REMARKS
NONE			x=	ϕ	
			y=	λ	
			x=	ϕ	
			y=	λ	
			x=	ϕ	
			y=	λ	
			x=	ϕ	
			y=	λ	
			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	DATE	LISTING CHECKED BY	DATE
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

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

COMPILATION REPORT

TP-00123

31. DELINEATION

Delineation was by the Wild B-8 stereoplotter using November 1970 bridging photography. Photo coverage was adequate except for the fact that no ratio prints were ordered to cover the northern portion of the manuscript.

32. CONTROL

The horizontal control was adequate. See the attached Photogrammetric Plot Reports, dated May 1972.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

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

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline and alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

The mean high water line was delineated from the photographs with some sections delineated as "Apparent Shoreline," in the marsh areas.

36. OFFSHORE DETAILS

No unusual problems.

37. LANDMARKS AND AIDS

Appropriate copies of the 76-40 forms are submitted with this report.

38. CONTROL FOR FUTURE SURVEYS

None

TP-00123

39. JUNCTIONS

Refer to Data Record Form 76-36b, Item #5.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to the Photogrammetric Plot Report, dated May 1972.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with the following U.S. Geological Survey Quadrangle: Cedarville, New Jersey, dated 1956, scale 1:24,000.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with the following National Ocean Survey chart: #1218, 20th edition, dated November 3, 1973, scale 1:80,000

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted by,

Charles Parker
Cartographic Technician

Date: January 16, 1976

Approved,

James L. Byrd, Jr.
Chief, Coastal Mapping Unit

REVIEW REPORT
SHORELINE

TP-00123

61. GENERAL STATEMENT:

See Summary included with this report

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

Not applicable

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with U.S.G.S. Quadrangle, Cedarville, New Jersey, scale 1:24,000, dated 1956.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary hydrographic survey was conducted in the area pertaining to this final Class III map.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with N.O.S. Chart 12304, 28th edition, 1:80,000 scale, dated April 17, 1982.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the project instructions and meets the requirements of National Standards of Map Accuracy.

Submitted by,
Lowell O. Neterer
Lowell O. Neterer, Jr.
Final Reviewer

Approved for forwarding,
Billy H. Barnes
Chief, Photogrammetric Section, AMC

Approved,

Chief, Photogrammetric Section, Rockville Chief, Photogrammetry Branch

May 2, 1983

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7002 (Delaware Bay, N. J.)

TP-00123

Bay Point
Beach Creek
Beadon Creek
Blackbird Gut
Blizzard Neck Gut
Bowers Creek
Bradford Point
Cedar Creek
Cedarville
Conrail (RR)
Coon Trap
Delaware Bay
Dyer Creek
Dyer Cove
Eagle Island Gut
Fortesque Neck
Gandys Beach
Grandad Gut
Howells Creek
Jones Island
Little Pond Creek
Lopers Gut
Lores Island
Middle Brook
Money Island
Nancy Gut
Nantuxent Cove
Nantuxent Creek
Nantuxent Point
Newport
Newport Landing
Newport Neck
Padgetts Creek
Ponds Creek
Sayres Neck
Sow and Pigs Creek

Approved by:

Charles E. Harrington

Charles E. Harrington
Chief Geographer
Nautical Charting Division

NOAA FORM 76-40
(8-74)

Replaces C&GS Form 567.

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

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

ORIGINATING ACTIVITY
- [ ] HYDROGRAPHIC PARTY
- [ ] GEODETIC PARTY
- [ ] PHOTO FIELD PARTY
- [X] COMPILATION ACTIVITY
- [ ] FINAL REVIEWER
- [ ] QUALITY CONTROL & REVIEW GRP.
- [ ] COAST PILOT BRANCH

(See reverse for responsible personnel)

- [X] TO BE CHARTED
- [ ] TO BE REVISED
- [ ] TO BE DELETED

REPORTING UNIT (Field Party, Ship or Office): Coastal Mapping Unit AMC, Norfolk, VA

STATE: New Jersey

LOCALITY: Cape May to Arnold Point Delaware Bay

DATE: July 1983

The following objects HAVE [ ] HAVE NOT [X] been inspected from seaward to determine their value as landmarks.

OPR PROJECT NO.:

JOB NUMBER: PH-7002

SURVEY NUMBER: TP-00123

DATUM: NA 1927

CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	POSITION LATITUDE ° ′	LATITUDE ″ D.M. Meters	POSITION LONGITUDE ° ′	LONGITUDE ″ D.P. Meters	METHOD AND DATE OF LOCATION (See instructions on reverse side) OFFICE	FIELD	CHARTS AFFECTED
LIGHT	EAST SIDE MAURICE RIVER							
LIGHT	Nantuxent Creek Entrance Light	39 17	04.48 138	75 14	16.29 390	70 E(C) 1132A 11/17/70	P-5 3/3/71 70 L(C) 9458	12304
LIGHT	NANTUXENT POINT LIGHT*							12304
	*This Light was re-established in 1982.							

RESPONSIBLE PERSONNEL		
TYPE OF ACTION	**NAME**	**ORIGINATOR**
OBJECTS INSPECTED FROM SEAWARD		☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER *(Specify)*
POSITIONS DETERMINED AND/OR VERIFIED		FIELD ACTIVITY REPRESENTATIVE
		OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES		☐ REVIEWER ☐ QUALITY CONTROL AND REVIEW GROUP REPRESENTATIVE

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

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

*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.

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

II. TRIANGULATION STATION RECOVERED
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

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.

FORM C&GS-8352
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. ____________

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.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
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			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975.

USCOMM-DC 8558-P63