

TP-00260

TP-00260

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
<i>Map No.</i> TP-00260	<i>Edition No.</i> 1
<i>Job No.</i> PH-7002	
<i>Map Classification</i> FINAL	
<i>Type of Survey</i> SHORELINE	
<b>LOCALITY</b>	
<i>State</i> NEW JERSEY	
<i>General Locality</i> DELAWARE BAY	
<i>Locality</i> CAPE MAY HARBOR	
<div style="border: 1px solid black; padding: 5px; display: inline-block;">           19 70 TO 1972         </div>	
<b>REGISTRY IN ARCHIVES</b>	
<b>DATE</b>	

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

- ☒ ORIGINAL  
☐ RESURVEY  
☐ REVISED

SURVEY TP. 00260

MAP EDITION NO. (1)

MAP CLASS FINAL

JOB PH. 7002

## PHOTOGRAMMETRIC OFFICE

Coastal Mapping Unit  
Atlantic Marine Center, Norfolk, VA

## OFFICER-IN-CHARGE

A. Y. Bryson

## 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 (Part I) Nov. 23, 1970  
 Aerotriangulation (Part II) Jan. 15, 1971  
 Compilation (Part I) March 17, 1971  
 Compilation (Part II) May 05, 1972  
 Amendment I March 28, 1975  
 Supplement I April 18, 1975  
 Memo (Cancel field edit) Dec. 14, 1979  
 Memo (Completion Schedule) June 22, 1981

## 2. FIELD

Precompilation Field July 22, 1970

## 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

New Jersey

ZONE

STATE

ZONE

5. SCALE  
1:5,000

## III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic	BY	D. Norman	Feb. 1971
	LANDMARKS AND AIDS BY	H. Eichert	Feb. 1971
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat	PLOTTED BY	D. Norman	March 1971
	CHECKED BY	H. Eichert	March 1971
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:5,000	PLANIMETRY BY	A. L. Shands	April 1971
	CHECKED BY	R. R. White	April 1971
	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION  METHOD: Smooth drafted  SCALE: _____	PLANIMETRY BY	R. J. Pate	May 1971
	CHECKED BY	A. C. Rauck, Jr.	June 1971
	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
	HYDRO SUPPORT DATA BY	R. J. Pate	May 1971
	CHECKED BY	A. C. Rauck, Jr.	June 1971
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	A. C. Rauck, Jr.	June 1971
6. APPLICATION OF FIELD EDIT DATA	BY	R. R. White	Nov. 1973
	CHECKED BY	A. L. Shands	Nov. 1973
7. COMPILATION SECTION REVIEW	BY	A. L. Shands	Nov. 1973
8. FINAL REVIEW	BY	L. O. Neterer, Jr.	Dec. 1983
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY	L. 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&amp;GS 181 SERIES

**1. COMPILATION PHOTOGRAPHY**

CAMERA(S) Focal length=152.21mm

Wild RC-8 "L"

**TYPES OF PHOTOGRAPHY  
LEGEND****TIME REFERENCE****TIDE STAGE REFERENCE**

- ☐ PREDICTED TIDES  
☐ REFERENCE STATION RECORDS  
☐ TIDE CONTROLLED PHOTOGRAPHY

- (C) COLOR C  
(P) PANCHROMATIC  
(I) INFRARED

**ZONE**

Eastern

☒ STANDARD**MERIDIAN**

75th

☐ DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
70L(C) 1305	Apr. 8, 1970	12:32	1:20,000	1.2 ft.
70L(C) 1306	Apr. 8, 1970	12:32	1:20,000	1.2 ft.
70L(C) 9618	Mar. 11, 1970	14:17	1:20,000	0.7 ft.
70L(C) 9624	Mar. 11, 1970	14:24	1:20,000	0.6 ft.
70L(C) 9625	Mar. 11, 1970	14:25	1:20,000	0.6 ft.

**REMARKS****2. SOURCE OF MEAN HIGH-WATER LINE:**

The mean high water line was compiled from the above listed photography and from measurements to the MHWL provided by the field editor in the summer of 1972.

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

A low water line was compiled from the above listed low water photography.

**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-00119	TP-00261	ATLANTIC OCEAN	TP-00132

**REMARKS**

TP-00119 - 1:10,000 scale  
TP-00132 - 1:10,000 scale

NOAA FORM 76-36C  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYTP-00260  
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Wilson	Sept. 1970
2. HORIZONTAL CONTROL	RECOVERED BY J. Wilson	Sept. 9, 1970
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY P. Walbolt	Sept. 9, 1970
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	
	LOCATED (Field Methods) BY	
	IDENTIFIED BY	
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	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Paneled

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
70L(C) 8533	COLUMBIA, 1962		

3. PHOTO NUMBERS (Clarification of details)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

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

7. SUPPLEMENTAL MAPS AND PLANS

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

1 Form 152

## HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION TP 00260

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.S. Tibbetts	1970 - 1972
2. HORIZONTAL CONTROL	RECOVERED BY J.K. Wilson ESTABLISHED BY N/A? PRE-MARKED OR IDENTIFIED BY J.K. Wilson & R.S. Tibbetts	1970  1970
3. VERTICAL CONTROL	RECOVERED BY ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY	  
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY A.R. Bricknell LOCATED (Field Methods) BY A.R. Bricknell IDENTIFIED BY A.R. Bricknell	1972 1972 1972
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION BY	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY A.R. Bricknell	1972
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY None	

## II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Premarked 1970

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

70 L 8524, &amp; 70L(C) 9624, &amp; 9625

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

See Forms 76-40

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)

2 Sheets Form 470 1 Sheet Form 758  
 2 Sheets Form 44A 1 Field Edit Ozalid  
 4 Sheets Form 6133  
 1 Sheet Form 738

TP-00260  
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 28, 1971	Class III Manuscript SUPERSEDED	July 6, 1971	July 6, 1971
Field edit applied, compilation complete	Nov. 1973	Class I Manuscript	June 7, 1976	Feb. 28, 1975
Final Review	Oct. 1983	Final Map		

## II. LANDMARKS AND AIDS TO NAVIGATION

## 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

PAGE <del>NUMBER</del>	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Oct. 7, 1975	Landmarks for charts
1		Oct 7, 1975	Landmarks for deletion (not included with report)
1		Oct. 7, 1975	Aids for charts

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: October 7, 1975  
 3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

## III. FEDERAL RECORDS CENTER DATA

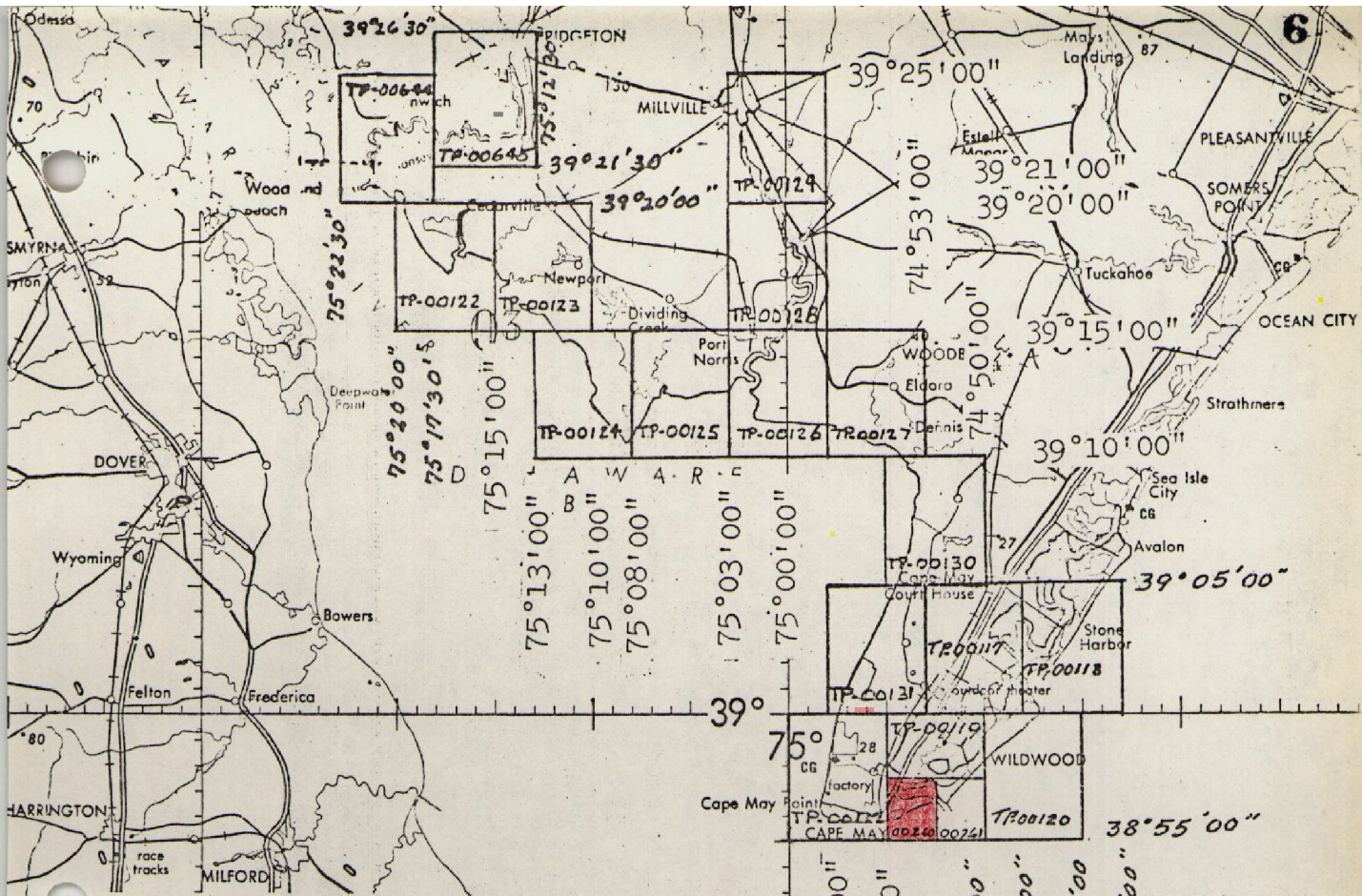
1. ☐ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.  
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS. ~~551~~ SUBMITTED BY FIELD PARTIES.  
 3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.

ACCOUNT FOR EXCEPTIONS: PHOTO 76-40 9624 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)

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



# Official Mileage for Cost Accounts

Tr 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
<b>TOTAL</b>	<b>77</b>

JOB PH-7002  
Cape May to Arnold Point  
DELAWARE BAY, NEW JERSEY  
SHORELINE MAPPING  
Scale 1:10,000

REVISED 6/5/71 R.N.W.

SUMMARY TO ACCOMPANY  
DESCRIPTIVE REPORT

TP-00260

This 1:5,000 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  $38^{\circ}55'00''$ , north to Bridgeton, latitude  $39^{\circ}26'30''$  and from Stone Harbor, longitude  $74^{\circ}43'00''$  west to the Cohansey River, longitude  $75^{\circ}20'00''$ .

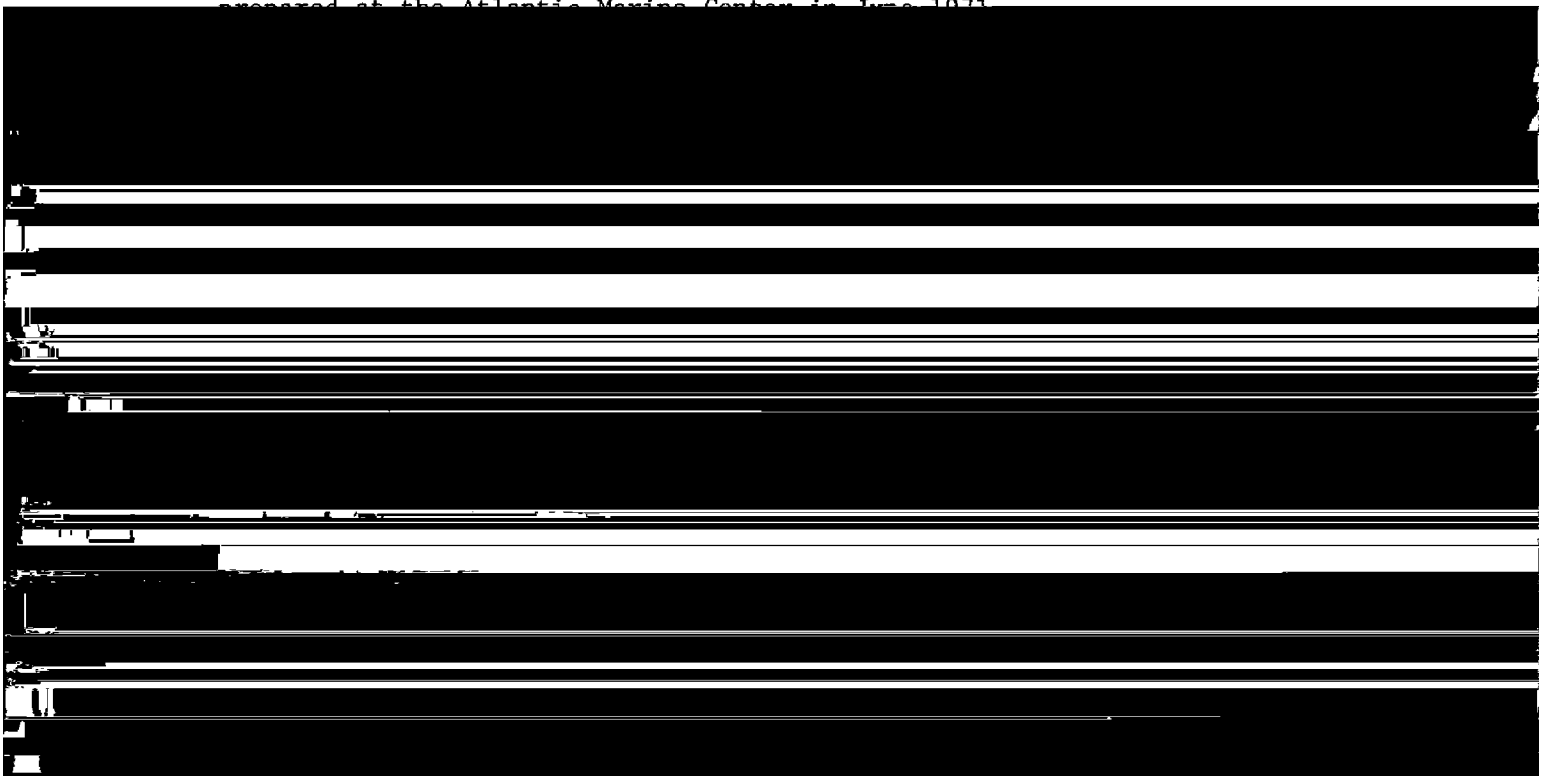
This project was divided into two parts. Part I consisted of Maps TP-00117 through TP-00120, and TP-00130 thru TP-00132 at 1:10,000 scale and TP-00260 and TP-00261 at 1:5,000 scale. Part II consists of maps TP-00122 thru TP-00129, TP-00644 and TP-00645 at 1:10,000 scale.

Color photography was taken using the "L" camera taken in March and April 1970 at 1:20,000 scale to be used by the field surveyor to identify photo-hydro signals and by the Photogrammetric Branch as hydro support photography. Color photographs were taken using the "L" camera in September 1970 at 1:40,000 scale. These were bridged by analytic aerotriangulation methods.

Field work done prior to compilation in September 1970 involved the photo identification of hydro signals and the establishment of horizontal control by premarking methods for aerotriangulation.

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

Compilation was performed and hydrographic support photographs were prepared at the Atlantic Marine Center in June 1971.



## FIELD INSPECTION

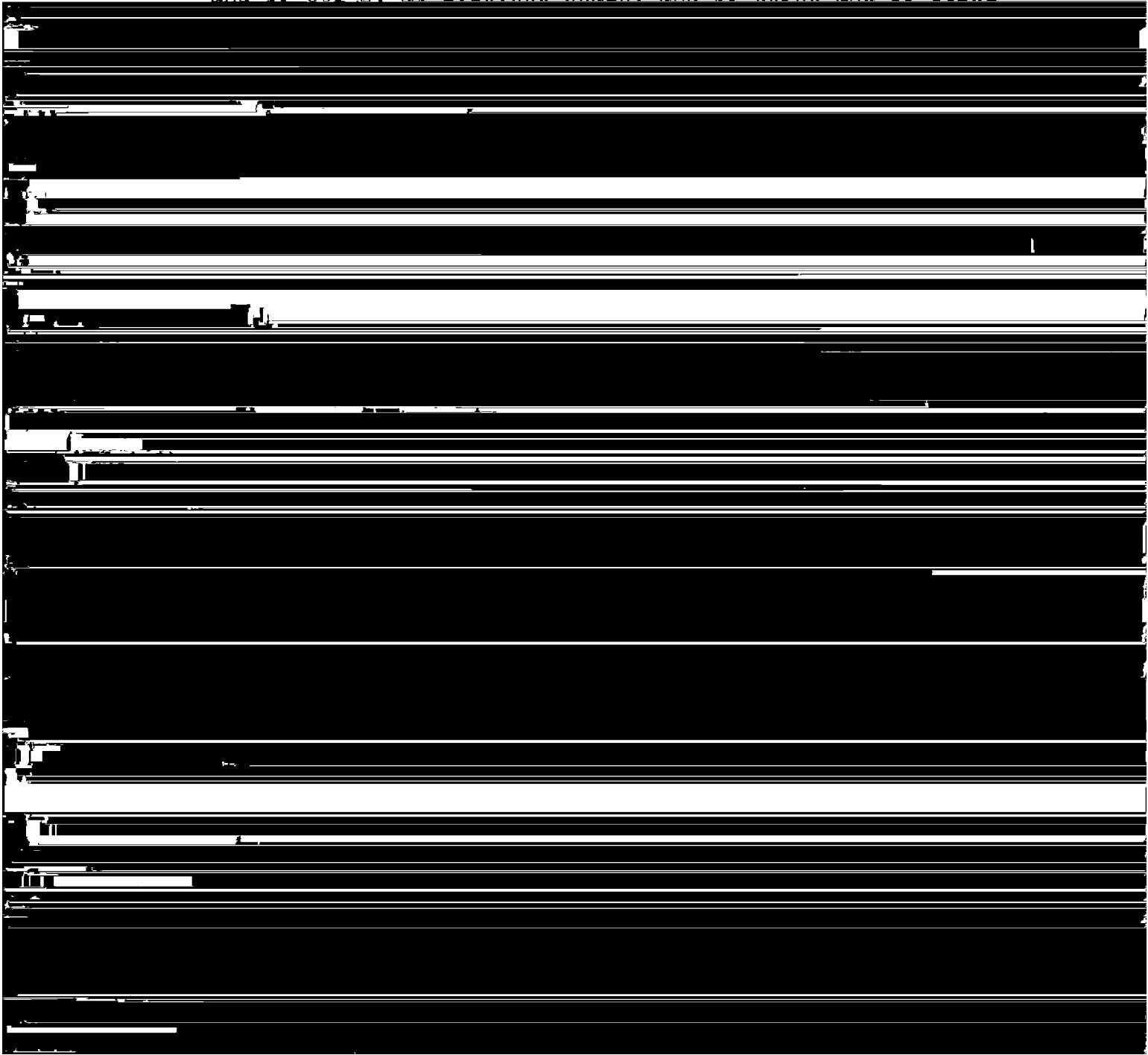
TP-00260

There was no field inspection prior to compilation. Field work accomplished was the photo-identification of hydro signals on the April 1970 hydro support photography and the recovery and identification of the horizontal control necessary for the aerotriangulation of the project.

Photogrammetric Plot Report  
Delaware Bay, New Jersey, Part I  
PH-7002  
February, 1971

21. Area Covered

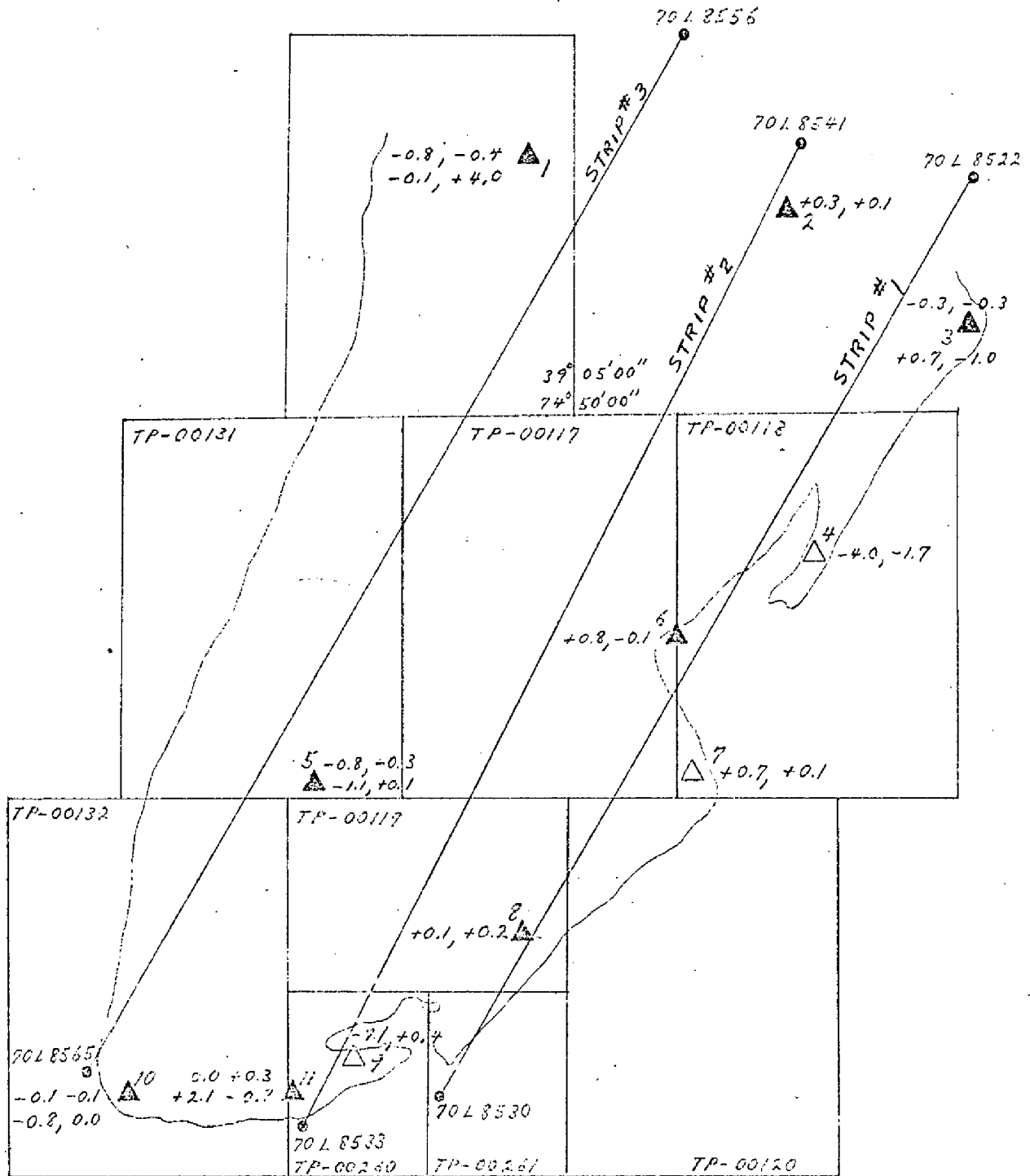
This report pertains to an area in southeast New Jersey.  
The sheets covered are TP-00117 through TP-00120, TP-00131,  
and TP-00132, at 1:10,000 scale, and TP-00260 and TP-00261



1.   ▲ GOSHEN, 1933  
      △ GOSHEN M.E. CHURCH STEEPLE, 1933  
          office identified
2.   ▲ STITES, 1936
3.   ▲ AVALON, 1932  
      △ AVALON STANDPIPE, 1928  
          office identified
4.   △ STONE HARBOR WATER TANK, 1962  
          office identified
5.   △ CAPE MAY COUNTY AIRPORT CHECKERED WATER TANK, 1962  
      ▲ CAPE MAY COUNTY AIRPORT CHECKERED WATER TANK, 1962  
          sub point
6.   ▲ GRASSY SOUND, 1962   sub point
7.   △ NORTH WILDWOOD NORTH STANDPIPE, 1936  
          office identified
8.   ▲ WILDWOOD, LARGE STANDPIPE, 1932  
          office identified
9.   △ CAPE MAY COAST GUARD STATION WEST TANK, 1969  
          office identified
10.   △ CAPE MAY LIGHTHOUSE, 1859  
      ▲ CAPE MAY, 1932
11.   △ CAPE MAY MUNICIPAL WATER TANK, 1936  
          office identified  
      ▲ COLUMBIA, 1962   sub point

▲ control used in adjustment  
△ control used as check

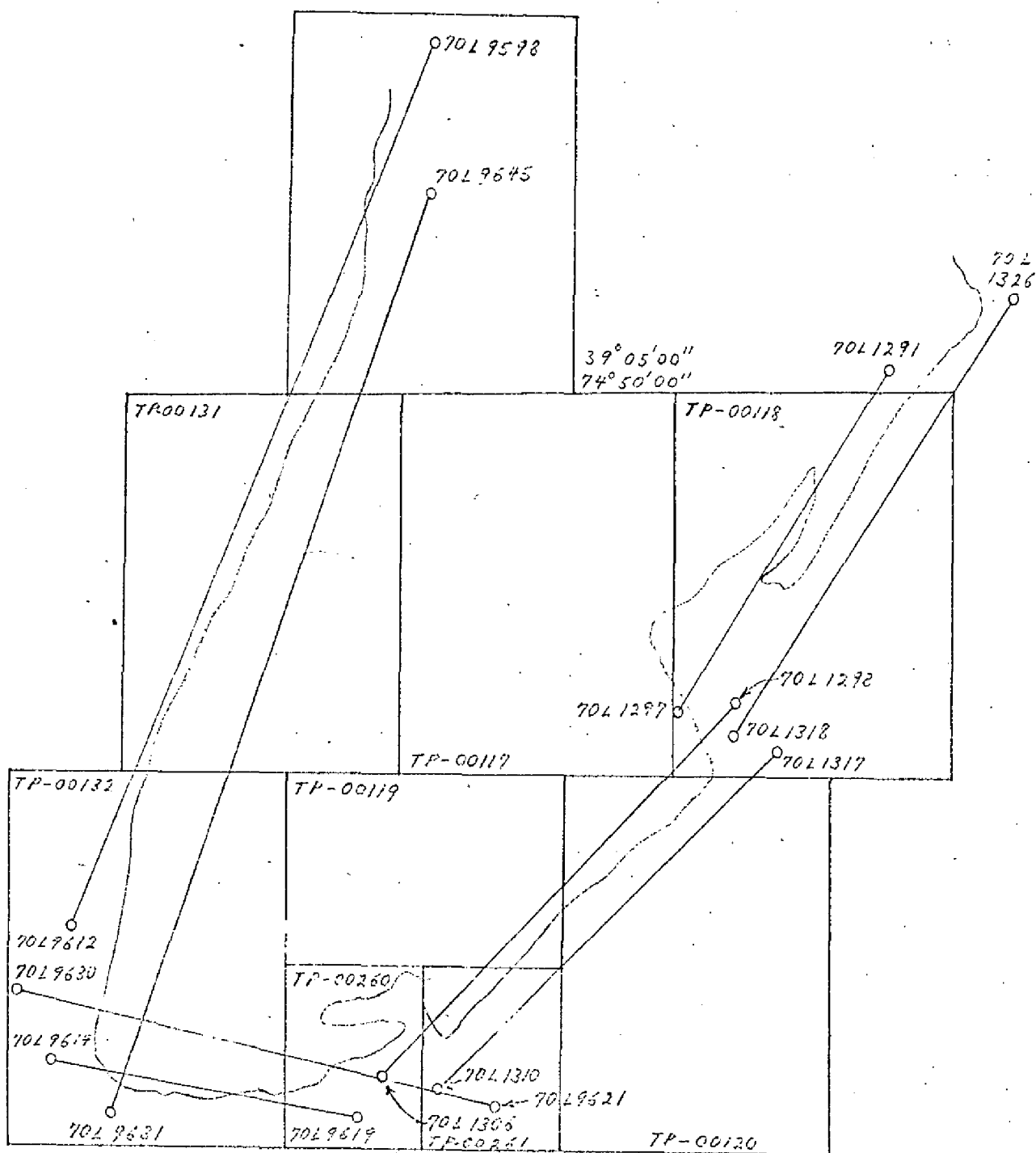
AEROTRIANGULATION SKETCH  
 DELAWARE BAY  
 PH-7002  
 BRIDGING PHOTOGRAPHY  
 1 40000  
 Feb., 1971



AEROTRIANGULATION SKETCH  
DELAWARE BAY  
PH-7002

RATIO PHOTOGRAPHS  
1:20000

Feb., 1971



## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.		JOB NO.		GEODETIC DATUM		ORIGINATING ACTIVITY		REMARKS
TP-00260		PH-7002		N.A. 1927		Coastal Mapping Unit, AMC		
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET		GEOGRAPHIC POSITION		DATE	
			STATE	ZONE	$\phi$ LATITUDE	$\lambda$ LONGITUDE		
CAPE MAY MUNICIPAL WATER TANK, 1936	380744 Page 43		X=		$\phi$ 34° 56' 13.558"			
			Y=		$\lambda$ 74° 54' 55.986"			
HANGAR 2, 1969	380744 Page 45-A		X=		$\phi$ 38° 56' 50.89059"			
			Y=		$\lambda$ 74° 53' 15.84418"			
CAPE MAY COAST GUARD STATION WEST TANK, 1969 STEEL HT.=176 (181) FT.	380744 Page 45-A		X=		$\phi$ 38° 56' 46.912"			
			Y=		$\lambda$ 74° 53' 35.409"			
COLUMBIA, 1962	380744 Page 42		X=		$\phi$ 38° 56' 12.9685"			
			Y=		$\lambda$ 74° 54' 55.8712"			
CAPE MAY, COAST GUARD, TEL. REPEATER TOWER, 1962	380744 Page 54		X=		$\phi$ 38° 56' 40.530"			
			Y=		$\lambda$ 74° 54' 22.341"			
			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 A. C. Rauck, Jr.			X=		$\phi$			
			Y=		$\lambda$			
LISTED BY			X=		$\phi$			
			Y=		$\lambda$			
HAND PLOTTING BY			X=		$\phi$			
			Y=		$\lambda$			
COMPUTATION CHECKED BY Jim Bulfer		DATE 4/5/71					DATE 4/6/71	
LISTING CHECKED BY		DATE					DATE	
HAND PLOTTING CHECKED BY		DATE					DATE	

## COMPILATION REPORT

TP-00260

31 - DELINEATION

The Wild B-8 stereo-plotting instrument was used. Photographic coverage was adequate.

There was no field inspection.

32 - CONTROL

The horizontal control was adequate. See photogrammetric plot report dated February 1971.

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage has been delineated from office interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

The mean high water line, approximate low water line and fore-shore area was delineated from office interpretation of the photographs.

36 - OFFSHORE DETAILS

Offshore detail was compiled from office interpretation of the photographs.

37 - LANDMARKS AND AIDS

Appropriate copies of 76-40's are submitted with this report.

38 - CONTROL FOR FUTURE SURVEYS

Pre-selected Photo-Hydro stations 1907 thru 1911 lie within the limits of this survey.

See item 49 "NOTES FOR THE HYDROGRAPHER".

TP-00260

## 39 - JUNCTIONS

Refer to form 76-36B, Item 5 of the Descriptive Report concerning

See item #32.

#### 46.- COMPARISON WITH EXISTING MAPS

Comparison was made with U.S.G.S. Quadrangle Cape May, NJ,  
scale 1:24,000, dated 1954.

## 47 - COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 234, scale 1:10,000, dated February 1959; 1218, scale 1:80,000, dated October 1970; 1219, scale 1:80,000, dated August 1970; and, 825-S.C., scale 1:40,000.

## ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

B. H. N. Bamford

R. J. Pate  
Cartographic Technician  
June 3, 1971

Approved,

J. I. Byrd, Jr.



FIELD EDIT REPORT  
Job PH 7002  
DELAWARE BAY, NEW JERSEY  
TP 00260 - CAPE MAY HARBOR

This sheet was field edited during the 1972 Summer Season.

52. ADEQUACY OF COMPILATION

The compilation appears generally good, after application of field edit corrections, additions, and deletions compilation will be adequate.

54. RECOMMENDATIONS

None

56. SHORELINE AND ALONGSHORE FEATURES

The mean high water line was shown correctly on the ozalid as running along a seawall and a small bank, or it was delineated on photo 70 L 8534 by planetable methods.

Several dimensioned sketches were used to show areas that were either changed since photography or were not clear on the photo.

All changes to the field edit ozalid are noted on the ozalid and/or photographs and are cross referenced.

58. LANDMARKS AND AIDS

A Form 76-40 is submitted for all fixed Aids to Navigation. The azimuth of the range was determined by observing a fix on range behind the lights. Forms 76-40 are submitted for all Landmarks.

59. GENERAL STATEMENT

All field edit notes have been made in violet ink on the field edit ozalid and photographs and are cross referenced.

Respectfully Submitted;

Arthur R. Bricknell  
Surveying Technician.

REVIEW REPORT  
SHORELINE

TP-00260

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: Wildwood, NJ, scale 1:24,000, dated 1955.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with hydrographic survey H-9311, scale 1:10,000, dated August to October 1972.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with N.O.S. Charts: 12317, scale 1:10,000, 25th edition, dated May 15, 1982; 12316, scale 1:40,000, 20th edition, dated January 1983; 12214, scale 1:80,000, 34th edition, dated January 16, 1982; and, 12304, scale 1:80,000, 28th edition, dated April 17, 1982.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Submitted by,

*Lowell O. Neterer, Jr.*

Lowell O. Neterer, Jr.

Final Reviewer

Approved for forwarding,

*Billy H. Barnes*

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-00260

Atlantic Ocean

Cape Creek

Cape May (locale)

Cape May Canal

Cape May Harbor

Cedar Creek

Cedar Island

Ford Creek

Schellenger Creek

Schellenger Landing

Sewell Point

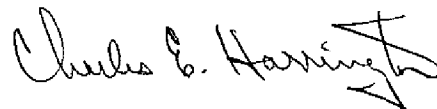
Skunk Sound

Spicer Creek

Spicer Creek Canal

Upper Thorofare

Approved by:



Charles E. Harrington  
Chief Geographer  
Nautical Charting Division

[illegible]

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	OFFICE ACTIVITY REPRESENTATIVE
ACTIVITIES	<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                      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-2-6-1 8-12-75	<b>III. 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>II. POSITION VERIFIED VISUALLY ON PHOTOGRAPH</b> Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75
**FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.  **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.	

[illegible]



