

TP-00126

TP-00126

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
Map No. TP-00126	Edition No. 1
Job No. PH-7002	
Map Classification Final	
Type of Survey Shoreline	
LOCALITY	
State New Jersey	
General Locality Delaware Bay	
Locality Maurice River	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 1970 TO 1975 </div>	
REGISTRY IN ARCHIVES	
DATE	

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 <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, VA		SURVEY TP. 00126 MAP EDITION NO. (1) MAP CLASS Final JOB PH. 7002	
OFFICER-IN-CHARGE A. Y. Bryson		LAST PRECEDING MAP EDITION TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation (Part I) November 23, 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		Precompilation Field July 22, 1970	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH-AMERICAN		OTHER (Specify)	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input type="checkbox"/> MEAN LOW-WATER <input type="checkbox"/> MEAN LOWER LOW-WATER <input type="checkbox"/> MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Polyconic		4. GRID(S) STATE New Jersey ZONE	
5. SCALE 1:10,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic		D. Brant	May 1972
LANDMARKS AND AIDS BY		H. Eichert	May 1972
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat		D. Brant	May 1972
PLOTTED BY		H. Eichert	May 1972
3. STEREOSCOPIC INSTRUMENT COMPILATION		R. White	Nov. 1972
INSTRUMENT: Wild B-8		L. Neterer	Nov. 1972
SCALE: 1:10,000		NA	
4. MANUSCRIPT DELINEATION METHOD: Smooth Drafted		R. White	Nov. 1972
SCALE: 1:10,000		A. L. Shands	Nov. 1972
HYDRO SUPPORT DATA BY		R. White	Nov. 1972
CHECKED BY		A. L. Shands	Nov. 1972
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		A. E. Shands	Dec. 1972
6. APPLICATION OF FIELD EDIT DATA		F. T. Mauldin	Aug. 1975
CHECKED BY		F. Margiotta	Aug. 1975
7. COMPILATION SECTION REVIEW		F. Margiotta	Aug. 1975
8. FINAL REVIEW		L. O. Neterer, Jr.	April 1983
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		L. O. Neterer, Jr.	Jan 1984
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH			
11. MAP REGISTERED - COASTAL SURVEY SECTION		E. DAUGHERTY	Nov 1984

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00126
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	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY			ZONE Eastern	<input checked="" type="checkbox"/> STANDARD
			MERIDIAN 75th	<input type="checkbox"/> DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
**70L(C) 9547 thru 9549	Mar. 11, 1970	13:20	1:20,000	5.2 ft. above MLW
**70 L(C) 9584 thru 9588	3/11/70	13:56	1:20,000	4.2 ft. above MLW
*70 L(C) 1108A thru 1111A	11/17/70	10:40	1:40,000	5.6 ft. above MLW

REMARKS **Hydro support photography centers shown on the map.
*Compilation photography used in the Wild B-8 Photo centers not 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
TP-00128	TP-00127	No Survey	TP-00125

REMARKS

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TP-00126

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION (Premarking) ☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Wilson	Sept. 1970
2. HORIZONTAL CONTROL	RECOVERED BY J. Wilson ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY R. S. Tibbetts	Sept. 1970
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 J. Wilson LOCATED (Field Methods) BY None IDENTIFIED BY None	Sept. 1970
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY BY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY None	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Paneled

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
70 L(C)1141A	EAST, 1933		

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)

Form 76-53

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	May 1975
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	L. H. Davis	May 1975
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	L. H. Davis L. H. Davis	May 1975 May 1975
5. GEOGRAPHIC NAMES INVESTIGATION TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input checked="" type="checkbox"/> SPECIFIC NAMES ONLY BY <input type="checkbox"/> NO INVESTIGATION	L. H. Davis	May 1975
6. PHOTO INSPECTION CLARIFICATION OF DETAILS BY		
7. BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY		

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

70-L(C)-9547, 9548 and 9549, 70-L(C)-9587 and 9588

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

4 Landmarks were verified

2 Aids to Navigation were located by field methods

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)

4 forms 76-53

1 form 76-40

1 Field Edit Ozalid

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00126
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	Nov. 1972	Class III manuscript Superseded	Sept. 15, 1975	May 5, 1975
Field edit applied Compilation complete	Sept. 1975	Class I manuscript	June 7, 1976	Mar. 10, 1980
Final Review	April 1983	Final		

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

(NUMBER) (pages)	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
2		10/7/75	Landmarks for charts
2		10/7/75	Aids for charts
1		10/7/75	Aid for deletion

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Oct. 7, 19753. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

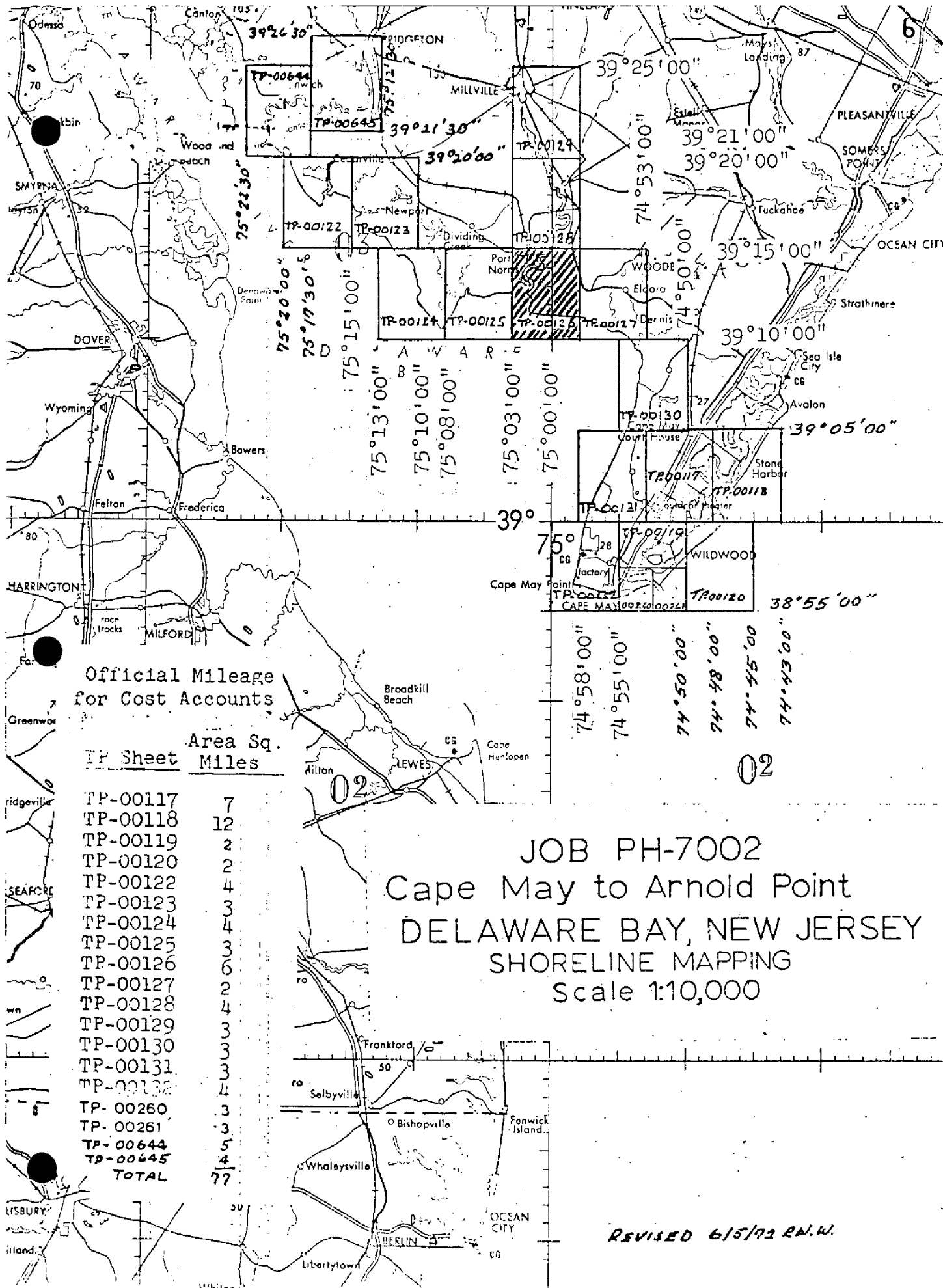
III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS ~~76-40~~ SUBMITTED BY FIELD PARTIES.
 3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.
 ACCOUNT FOR EXCEPTIONS: FORMS 76-53 AND PHOTO 70L(C) 9588 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 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	

NOAA FORM 76-36D



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 6/5/72 R.N.W.

7

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00126

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 $38^{\circ}55'00''$, 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 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 was taken using the "L" camera in March 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 photographs. 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 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 November 1972.

Field edit was completed in May 1975.

The application of field edit was completed in August 1975 at the Atlantic Marine Center.

The final review was performed at the Atlantic Marine Center in April 1983.

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

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

FIELD INSPECTION

TP-00126

There was no field inspection prior to compilation. The field work accomplished was the photo-identification of hydro signals on the March 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 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.

2

25. Photography

The following RC-8 photography was used in bridging:

1:40,000 scale

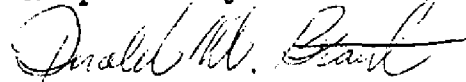
Strip 4	70-L(C)-8568 thru 8570
Strip 5	70-L(C)-1130A thru 1140A
Strip 6	70-L(C)-1101A thru 1124A
Strip 7	70-L(C)-1074A thru 1095A
Strip 8	79-L(C)-1142A thru 1150A

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

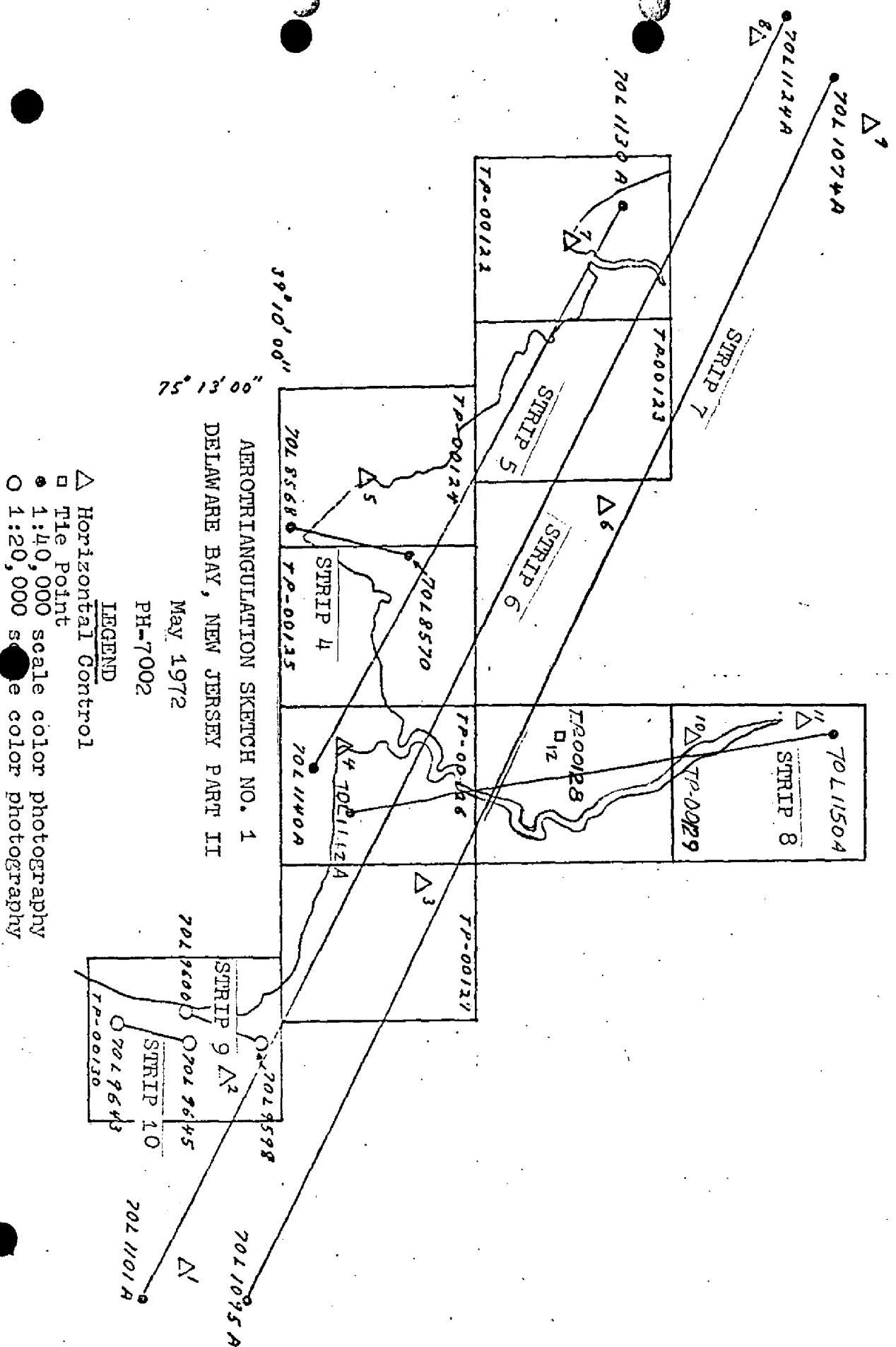
Approved and forwarded:

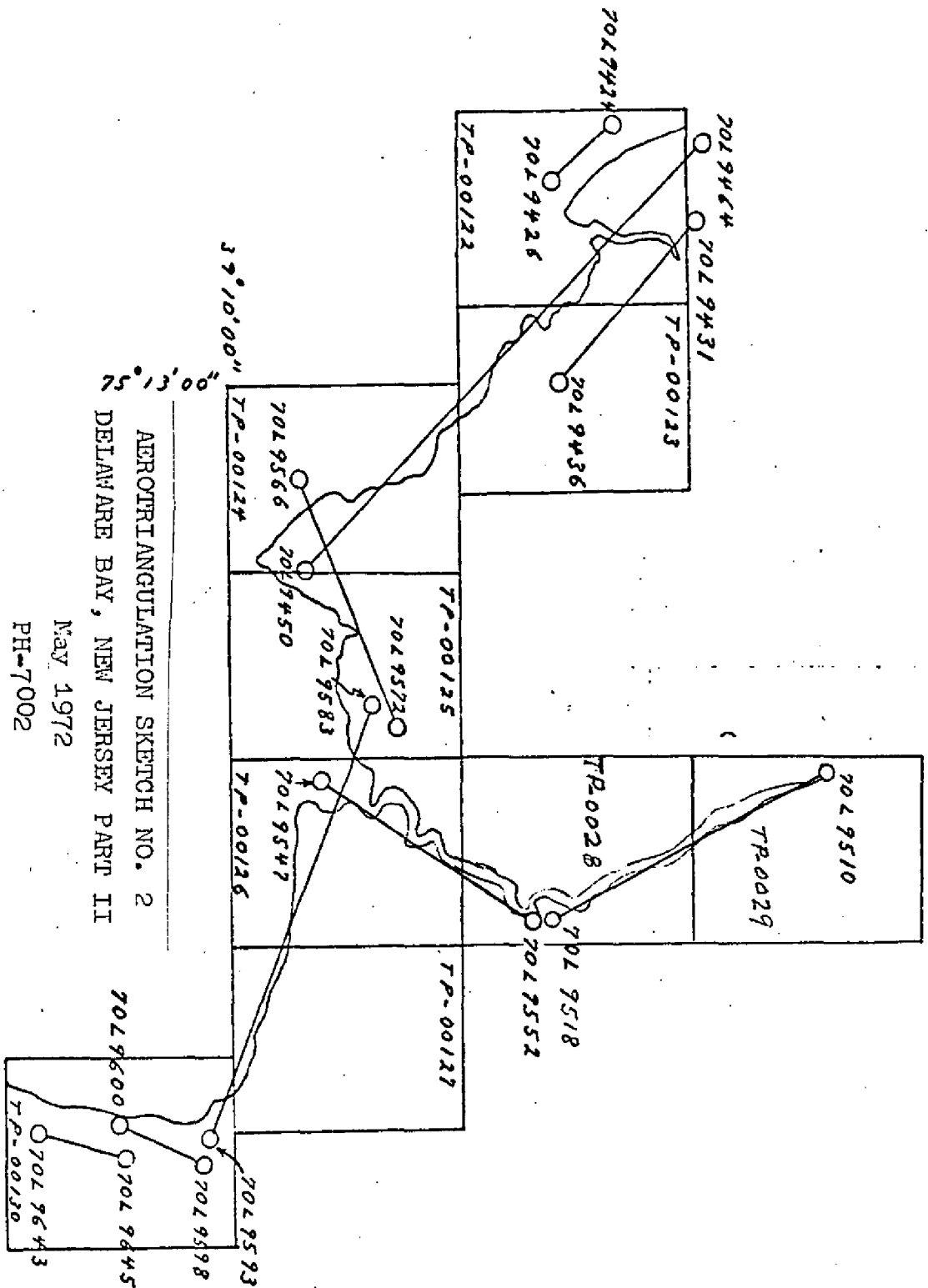


Henry P. Eichert, Chief
Aerotriangulation Section

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)





DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-00126	JOB NO. PH-7002	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETIC DATUM NA 1927		GEOGRAPHIC POSITION		ORIGINATING ACTIVITY Coastal Mapping Compilation Unit AMC, Norfolk, VA	
				STATE COORDINATES IN FEET	ZONE	ϕ LATITUDE λ LONGITUDE	REMARKS		
EAST POINT LIGHT, 1933	G.P. Vol. I P-131			X=		ϕ 39°11'44.786"	1381.1	469.2	
				Y=		λ 75°01'39.678"	952.2	487.6	
EAST, 1933	Vol. I P-65			X=		ϕ 39°11'46.142"	1422.9	427.4	
				Y=		λ 75°01'30.553"	733.2	706.6	
				X=		ϕ			
				Y=		λ			
				X=		ϕ			
				Y=		λ			
				X=		ϕ			
				Y=		λ			
				X=		ϕ			
				Y=		λ			
				X=		ϕ			
				Y=		λ			
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				Y=		λ			
				X=		ϕ			
				Y=		λ			
				X=		ϕ			
				Y=		λ			
				X=		ϕ			
				Y=		λ			
COMPUTED BY A. C. Rauck				COMPUTATION CHECKED BY C. E. Blood				DATE 2/28/72	
LISTED BY				LISTING CHECKED BY				DATE	
HAND PLOTTING BY				HAND PLOTTING CHECKED BY				DATE	

COMPILATION REPORT

TP-00126

31. DELINEATION

Delineation was by the Wild B-8 stereoplotter from office interpretation of the 1:40,000 scale 1970 color photography.

Photography was good. There was no field inspection prior to compilation.

32. CONTROL

The horizontal control was adequate. Refer to the Photogrammetric Plot Report dated February 1972.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable. Drainage was compiled from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

The mean high water line, all alongshore details and all cultural details were compiled from office interpretation of the photographs. Because photography was taken at a stage of tide near mean high water, no low water line has been shown.

36. OFFSHORE DETAILS

Offshore details were compiled from office interpretation of the photographs.

37. LANDMARKS AND AIDS

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

38. CONTROL FOR FUTURE SURVEYS

Pre-selected photo-hydro stations numbered 2601-2615 lie within the limits of this survey. See list in item 49.

TP-00126

39. JUNCTIONS

Refer to the Data Record Form 76-36B, Item 5 of the Descriptive Report concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY

See Item #32.

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S.G.S. Quadrangles:

Port Norris, New Jersey, scale 1:24,000, dated 1956 and
Heislerville, New Jersey, scale 1:24,000, dated 1957.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with Chart 1218, scale 1:80,000, 17th edition, dated October 10, 1970.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

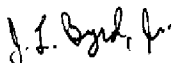
Submitted by,



Richard R. White
Cartographic Technician

November 16, 1972

Approved,



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

FIELD EDIT REPORT
CAPE MAY TO ARNOLD POINT
JOB CM-7002
SHORELINE MAPPING
MAP TP-00126

51. METHODS

The shoreline was inspected by truck, boat and by walking.

52. ADEQUACY OF COMPILATION

Compilation was adequate. The MHWL was accepted as compiled. Some MHWL measurements were made, see form 76-53. No significant shoreline changes were noted during field edit. Two wrecks were verified and another was found, it has been noted on the Field Edit Ozalid. Two boat ramps and one overhead hoist had been overlooked; see photo 70L-9548 for location.

54. RECOMMENDATIONS

None

55. EXAMINATION OF PROOF COPY

Geographic Names.

The specific name which was requested was checked and recorded on Field Edit Ozalid.

56. LANDMARKS AND NON-FLOATING AIDS FOR NAVIGATION

The two lights for the entrance of the Maurice River have been rebuilt since photography and were located by traverse. The locations were put on Form 76-40 which is included with this report. The four landmarks were verified during field edit operations. Two

57. ROCKS, REEFS AND SHOALS

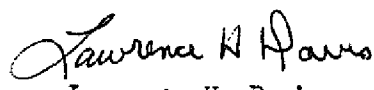
There are no Rocks, Reefs or Shoals as defined within the limits of this map.

58. PHOTOGRAPHY

Photography was adequate for field edit.

Approved and forwarded
8/15/75


Robert S. Tibbetts
Chief, Photo Party 62


Lawrence H. Davis
Surveying Tech.

REVIEW REPORT

SHORELINE

TP-00126

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. Geological Quadrangles:

Heislerville, New Jersey, dated 1957 and Port Norris, New Jersey, dated 1956. Both are 1:24,000 scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with a registered copy of hydrographic survey H-9533. This covers the mean high water line from East Point, longitude 75°02', to the eastern border 74°58'. The rest of the map will be surveyed at a later date.

65. COMPARISON WITH NAUTICAL CHARTS:

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

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with the 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-00126

Andrews Ditch

Basket Flat

Bivalve

Delaware Bay

East Point

Elder Point

Fowler Island

Maurice River

Maurice River (locale)

Maurice River Cove

Maurice River Neck

New England Creek

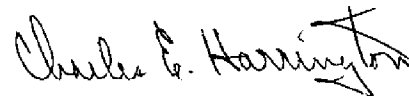
Port Norris

Riggins Ditch

Shell Pile

Thompsons Beach

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

NOAA FORM 76-40
(8-74)

Replaces C&GS Form 567.

NONFLOATING AIDS

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

FOR CHARTS

ORIGINATING ACTIVITY

- ☐ HYDROGRAPHIC PARTY
- ☐ GEODETIC PARTY
- ☐ PHOTO FIELD PARTY
- ☐ COMPILATION ACTIVITY
- ☒ FINAL REVIEWER
- ☐ QUALITY CONTROL & REVIEW GRP.
- ☐ COAST PILOT BRANCH

(See reverse for responsible personnel)

DATE
April 1983

LOCALITY
Delaware Bay

STATE
New Jersey

REPORTING UNIT
(If field party, ship or office)
Coastal Mapping Section
Atlantic Vessel Center
Norfolk, VA

The following objects HAVE ☐ HAVE NOT ☒ been inspected from seaward to determine their value as landmarks.

JOB NUMBER

DATUM

SURVEY NUMBER

OPR PROJECT NO.

CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	POSITION						METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED
		LATITUDE		LONGITUDE		OFFICE	FIELD			
		° /	// D.M. Meters	° /	// D.P. Meters					
LIGHT	East Point Light								12304	
	Maurice River									
LIGHT	Entrance Light 1								12304	
DAYBEACON	Channel Range Front Daybeacon								12304	
DAYBEACON	Channel Range Rear Daybeacon								12304	
	These aids were established after 1975 field edit.									

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"/> REVIEWER <input type="checkbox"/> 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 (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	III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75
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.	
**PHOTOGAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.	

