

TP- 00119

TP- 00119

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-00119	<i>Edition No.</i> 1
<i>Job No.</i> PH-7002	
<i>Map Classification</i> FINAL	
<i>Type of Survey</i> SHORELINE	
LOCALITY	
<i>State</i> NEW JERSEY	
<i>General Locality</i> DELAWARE BAY	
<i>Locality</i> CAPE MAY INLET	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 19 70 TO 19 72 </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 Unit Atlantic Marine Center, Norfolk, VA		SURVEY TP. <u>00119</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>FINAL</u> JOB PH. <u>7002</u>	
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) 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		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 _____ ZONE _____ New Jersey	
5. SCALE 1:10,000		STATE _____ ZONE _____	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		D. Norman	Feb. 1971
		H. Eichert	Feb. 1971
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY		D. Norman	March 1971
		H. Eichert	March 1971
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY		R. White	May 1971
INSTRUMENT: Wild B-8 SCALE: 1:10,000		L. L. Graves	May 1971
		N.A.	
		N.A.	
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY		R. White	June 1971
METHOD: Smooth drafted SCALE: 1:10,000		R. J. Pate	June 1971
		N.A.	
		N.A.	
HYDRO SUPPORT DATA BY		R. White	June 1971
		R. J. Pate	June 1971
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		R. J. Pate	June 1971
6. APPLICATION OF FIELD EDIT DATA BY		A. L. Shands	March 1974
		R. R. White	March 1974
7. COMPILATION SECTION REVIEW BY		R. R. White	March 1974
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 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00119
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) (Focal Length=152.21mm) WILD RC-8 "L"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR X (P) PANCHROMATIC (I) INFRARED		ZONE	
<input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY				Eastern	
				MERIDIAN	
				75th	
				<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
70L(C) 1303 - 1304	Apr. 8, 1970	12:31	1:20,000	1.2 ft. above M.L.W.	
70L(C) 8535	Sept. 29, 1970	10:09	1:40,000	4.0 ft. above M.L.W.	

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

From the above listed 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-00131 and TP-00117	TP-00120	No Survey	TP-00132

REMARKS

The southern half of this map is covered by two 1:5,000 scale maps
TP-00260 and TP-00261

TP-00119

HISTORY OF FIELD OPERATIONS

1. ☒ 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 ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY P. Walbolt	Sept. 9, 1970 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 None LOCATED (Field Methods) BY None IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY N.A.	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

Inapplicable

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

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-00119
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION TP-00119

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	1970-1972
2. HORIZONTAL CONTROL	RECOVERED BY J. K. Wilson	1970
	ESTABLISHED BY N.A.	
	PRE-MARKED OR IDENTIFIED BY J. K. Wilson & R. Tibbetts	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	1972
	LOCATED (Field Methods) BY A. R. Bricknell	1972
	IDENTIFIED BY A. R. Bricknell	1972
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION	BY
	To be completed during the	1973 season
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(C) 8527 & 70 L(C) 1303

70 L(C) 1302, 70 L 8527 (RATIO)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

See Forms 76-40

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: ☐ REPORT☒ NONE

6. BOUNDARY AND LIMITS:

☐ REPORT☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

1 Field Edit Ozalid of TP-00119

1 Film Ozalid of TP-00119 and 1 Field edit Report

3 Forms 76-40

NOAA FORM 76-36D
(3-72)

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

TP-00119
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	June 1971	Class III Manuscript SUPERSEDED	July 6, 1971	July 6, 1971
Field edit applied, compilation complete	March 1974	Class I Manuscript SUPERSEDED	June 7, 1976	Feb. 16, 1975
Final Review	Dec. 1983	Final Map		

II. LANDMARKS AND AIDS TO NAVIGATION**I. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH**

PAGES NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Oct. 7, 1975	Landmarks for charts
3		Oct. 7, 1975	Aids for charts

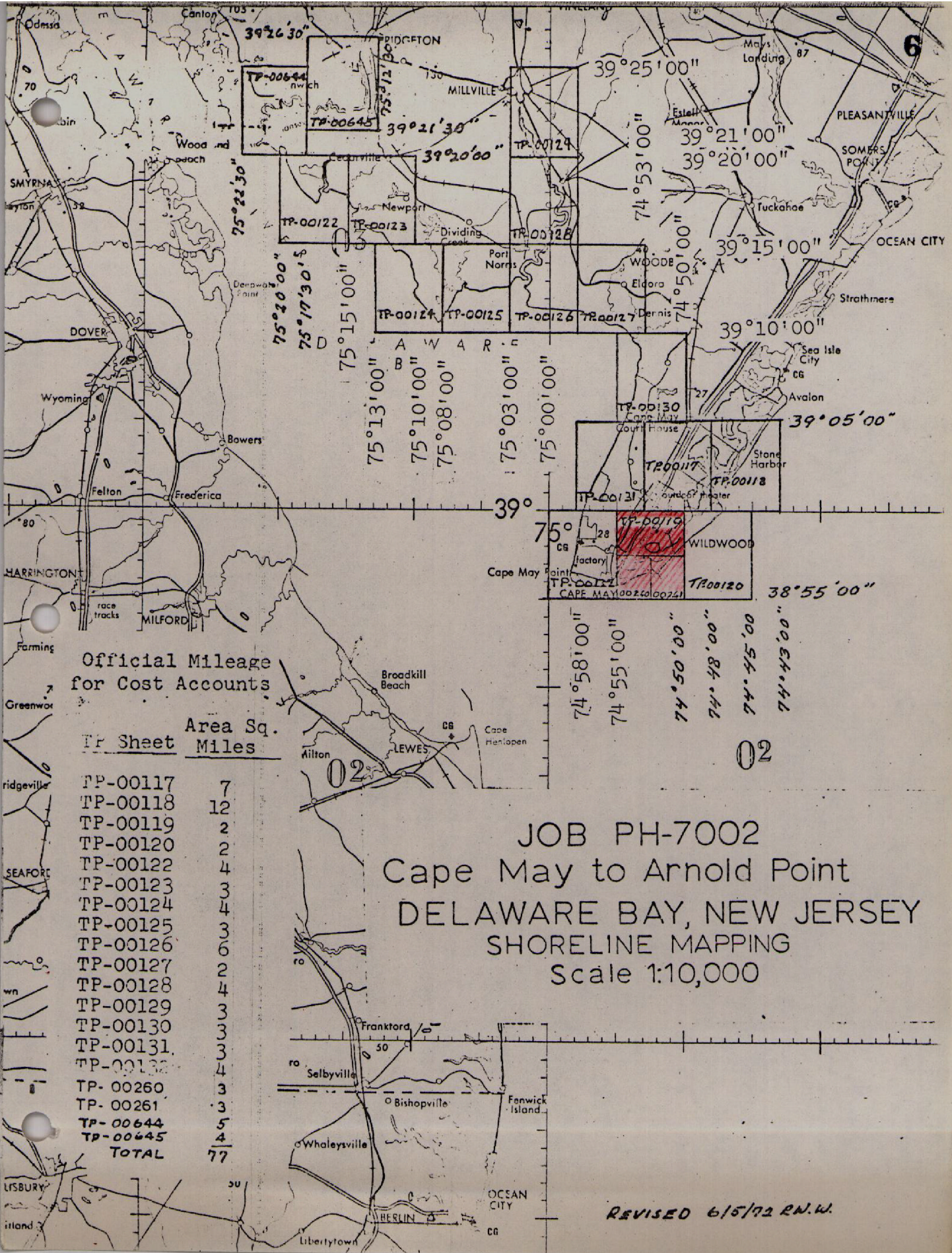
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: Oct. 7, 1975
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☐ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS. ~~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: 70 L (C) 8527 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	



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.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00119

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 thru 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 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 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 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 edit for this map was completed during the 1972 field season.

The application of field edit was completed in March 1974 at the Atlantic Marine Center.

The Final Review was performed at the Atlantic Marine Center in December 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-00119

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 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 at 1:5,000 scale.

22. Method

Three strips of 1:40,000 scale color photography (70-L-8522 through 8530, 70-L-8533 through 8541, and 70-L-8556 through 8565) were bridged by analytic aerotriangulation methods. The three strips were adjusted to ground (New Jersey state plane coordinates) with the block adjustment program. Points were established for ordering ratio prints and for controlling models of the 1:20,000 scale photography. Positions were also determined for 93 of 114 hydro signals that were selected and described by a field party. Those signals not located could not be positively identified in the office.

23. Adequacy of Control

The control was adequate for our block adjustment.

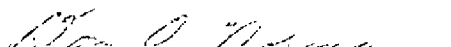
24. Supplemental Data

Vertical control was taken from U.S. Geological Survey topographic quadrangles.


25. Photography

The sidelap of the three strips was only about 50% or slightly less. It should have been 60%. However, this office does not believe any accuracy was sacrificed.

Respectfully submitted,


Don O. Norman

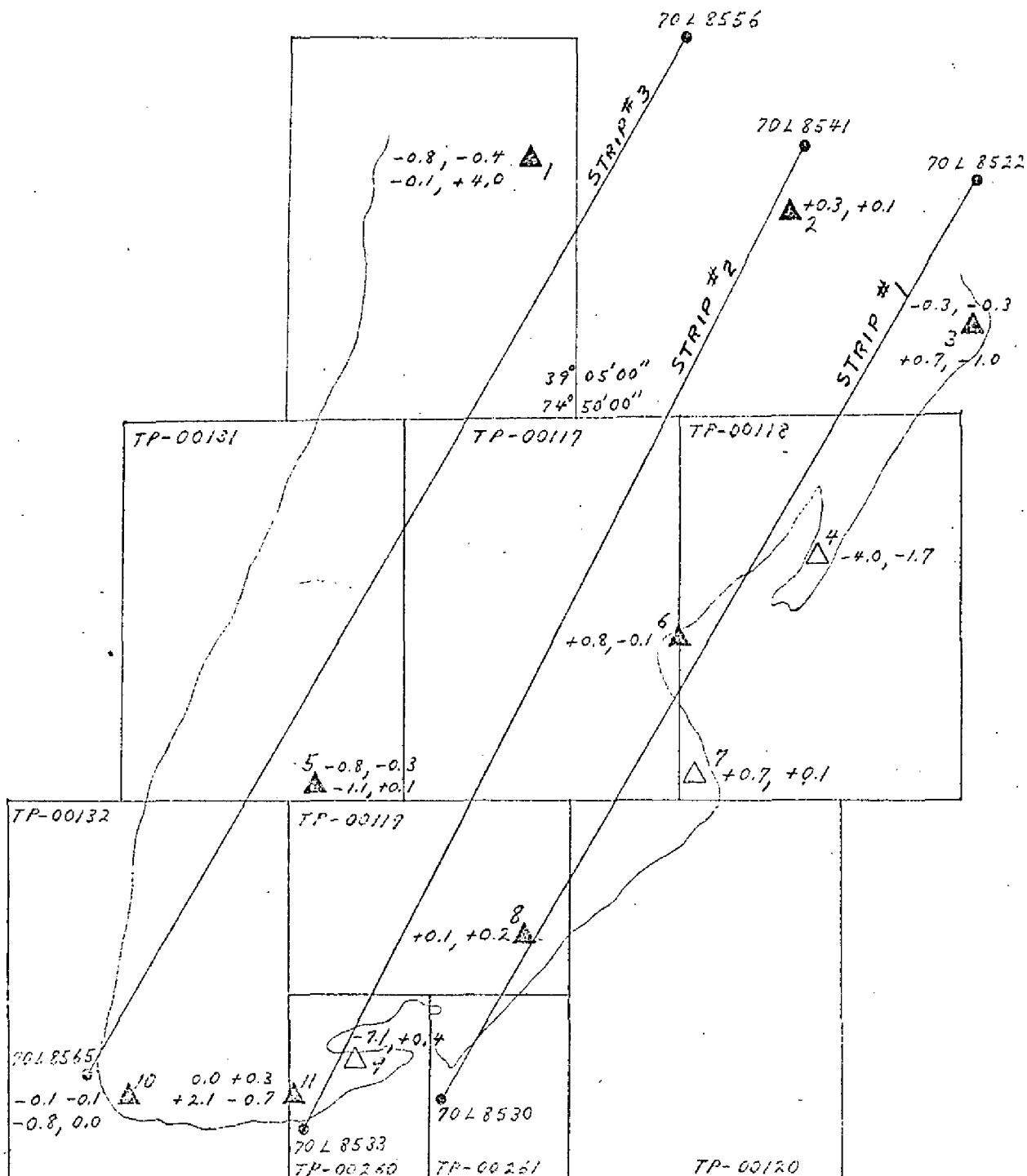
Approved and forwarded,


Henry P. Eichert
Chief, Aerotriangulation
Section

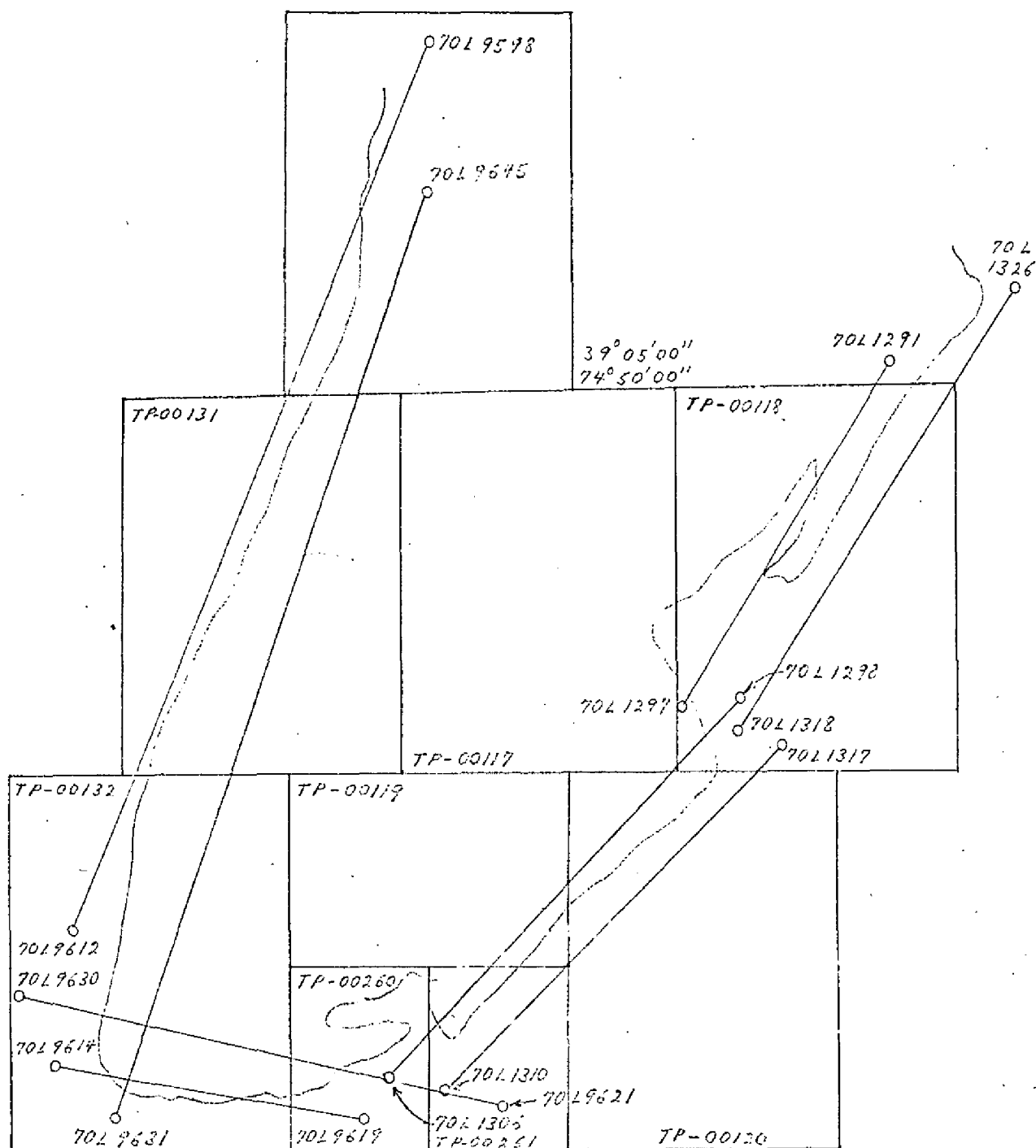
1. ▲ GOSHEN, 1933
 △ GOSHEN M.E. CHURCH STEEPLE, 1933
 office identified
2. ▲ STITES, 1936
3. ▲ AVALÓN, 1932
 △ AVALON STANDPIPE, 1928
 office identified
4. △ STONE HARBOR WATER TANK, 1962
 office identified
5. △ CAPE MAY COUNTY AIRPORT CHECKERED WATER TANK, 1962
 ▲ CAPE MAY COUNTY AIRPORT CHECKERED 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.		GEODETTIC DATUM		ORIGINATING ACTIVITY	
TP-00119		PH-7002		N.A. 1927		Coastal Mapping Unit, AMC	
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE ZONE	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE		REMARKS	
COLUMBIA, 1962	380744 Page 42		X=	ϕ 38° 56' 12.9685"			
			Y=	λ 74° 54' 55.8712"			
CAPE MAY MUNICIPAL WATER TANK, 1936	380744 Page 43		X=	ϕ 38° 56' 13.558"			
			Y=	λ 74° 54' 55.986"			
MIDDLE, 1962	380744 Page 46		X=	ϕ 38° 57' 21.3638"			
			Y=	λ 74° 52' 26.3782"			
HANGER, 1932	380744 Page 44		X=	ϕ 38° 56' 52.4110"			
			Y=	λ 74° 53' 17.4593"			
TWO MILE, 1962	380744 Page 47		X=	ϕ 38° 57' 21.9558"			
			Y=	λ 74° 51' 13.0664"			
GABLES 3, 1962	380744 Page 51		X=	ϕ 38° 58' 10.0904"			
			Y=	λ 74° 50' 46.6187"			
CAPE MAY COAST GUARD TEL. REPEATER TOWER, 1962	380744 Page 54		X=	ϕ 38° 56' 40.530"			
			Y=	λ 74° 54' 22.341"			
CAPE MAY U.S. COAST GUARD ELECTRONICS MAST 1, 1962	380744 Page 54		X=	ϕ 38° 56' 58.068"			
			Y=	λ 74° 52' 02.425"			
CAPE MAY COAST GUARD TANK, 1952	380744 Page 55		X=	ϕ 38° 56' 49.083"			
			Y=	λ 74° 53' 11.187"			
REAL ESTATE, 1928	380744 Page 49		X=	ϕ 38° 58' 02.792"			
			Y=	λ 74° 50' 38.903"			
COMPUTED BY A. C. Rauck, Jr.		DATE 4/5/71	COMPUTATION CHECKED BY Jim Bulfer		DATE 4/6/71		
LISTED BY		DATE	LISTING CHECKED BY		DATE		
HAND PLOTTING BY		DATE	HAND PLOTTING CHECKED BY		DATE		

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETIC DATUM		ORIGINATING ACTIVITY		
					N.A. 1927		Coastal Mapping Unit, AMC		
					COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS
					STATE	ZONE	ϕ LATITUDE λ LONGITUDE		
TP-00119	PH-7002	WILDWOOD, LARGE STANDPIPE, 1932	G.P. Page 26		X=		ϕ 38° 58' 26.258"		
					Y=		λ 74° 50' 21.996"		
		TAYLOR, 1936	G.P. Page 353		X=		ϕ 38° 59' 24.439"		
					Y=		λ 74° 51' 45.612"		
		TWO MILE BEACH, RADIO MAST, 1952	G.P. Page 692		X=		ϕ 38° 57' 05.523"		
					Y=		λ 74° 51' 25.090"		
		CAPE MAY, COAST GUARD SIGNAL TOWER, FLAGPOLE, 1952	G.P. Page 692		X=		ϕ 38° 56' 53.158"		
					Y=		λ 74° 53' 14.835"		
					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
LISTED BY									DATE
HAND PLOTTING BY									DATE

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

COMPILATION REPORT

TP-00119

31 - DELINEATION

Compilation was done using the Wild B-8 stereo-plotting instrument with 1:40,000 scale photography taken September 29, 1970. The photo coverage was adequate. There was no field inspection prior to compilation.

32 - CONTROL

See Photogrammetric Plot Report dated February 1971.

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 shoreline and alongshore details were compiled from office interpretation of the photographs.

36 - OFFSHORE DETAILS

None.

37 - LANDMARKS AND AIDS

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

38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

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

40 - HORIZONTAL AND VERTICAL ACCURACY

No statement.

46 - COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S.G.S. Quadrangles Cape May, NJ, scale 1:24,000, dated 1955; and Wildwood, NJ, scale 1:24,000, dated 1955.

47 - COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with N.O.S. Chart 826-SC, scale 1:40,000, 8th edition, dated November 28, 1970. Chart 1217, scale 1:80,000, dated August 1, 1970; and 1219, scale 1:80,000, dated August 1, 1970.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

Richard R. White

Richard R. White
Cartographic Technician
June 7, 1971

Approved,

Billy H. Barnes - for

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



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SURVEY

17

FIELD EDIT REPORT
Job TP 7002
DELAWARE BAY, NEW JERSEY
TP 00119 - CAPE MAY INLET

The field edit for this sheet was accomplished during the 1972 summer season.

52. ADEQUACY OF COMPILATION

The compilation was generally good, when the field edit corrections, additions, and deletions have been applied compilation will be adequate.

54. RECOMMENDATIONS

None

56. SHORELINE AND ALONGSHORE FEATURES

The mean high water line was indicated by measurements from points indicated on the ozalid.

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

58. LANDMARKS AND AIDS

Forms 76-40 are submitted for all fixed aids to Navigation. Seven day beacons were located by sextant fix and plotted on the film ozalid.

Forms 76-40 are submitted for all Landmarks. The triangulation station, MIDDLE ONE OF THREE STACKS WEST OF WILDWOOD, 1928 has been destroyed. A new stack was pricked on photo 70 L 8527 and listed on a 76-40.

59. GENERAL STATEMENT

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

Respectfully Submitted;

Arthur R. Bricknell
Surveying Technician

REVIEW REPORT
SHORELINE

TP-00119

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. Quadrangles: Cape May, NJ, dated 1954 and Wildwood, NJ, dated 1955. Both are 1:24,000 scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with hydrographic surveys: H-9311, scale 1:10,000, dated August to October 1972; and H-9312, scale 1:20,000, not dated.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with N.O.S. Charts: 12214, scale 1:80,000, 34th edition, dated January 16, 1982; 12304, scale 1:80,000, 28th edition, dated April 17, 1982; 12316, scale 1:40,000, 20th edition, dated November 27, 1982; 12317, scale 1:10,000, 25th edition, dated May 15, 1982; and, 12318, scale 1:80,000, 34th edition, dated January 16, 1982.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Approved for forwarding,

Billy H. Barnes

Billy H. Barnes

Chief, Photogrammetric Section, AMC

Submitted by,

Lowell O. Neterer, Jr.

Lowell O. Neterer, Jr.

Final Reviewer

Approved,

Chief, Photogrammetric Section, Rockville

Chief, Photogrammetry
Branch

May 2, 1983

GEOGRAPHIC NAMES

FINAL NAME SHEET

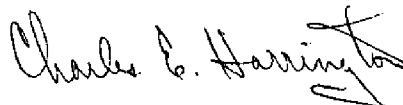
PH-7002 (Delaware Bay, N. J.)

TP-00119

Atlantic Ocean
Bennett Creek
Cold Spring Harbor Dock
Cresse Island
Downs Gut
Duck Gut
Ephraim Island
Flower Mound
Grassy Sound Channel
Haulover Creek
Hildreth Meadow
Intracoastal Waterway
Jarvis Sound
Jarvis Sound Thorofare
Jones Creek
Little Mill Creek
Long Point
Lower Thorofare
Meadow Creek
Middle Thorofare
Mill Creek
Mud Island
Old Turtle Creek
Punyard Creek
Punyard Point

Reubens Thorofare
Richard Channel
Sedge Creek
Shawcrest
Shaw Cutoff
Shaw Island
Shell Thorofare
Skunk Sound
Southwest Cove
Southwest Cove Point
Stingaree Creek
Stingaree Point
Stites Creek
Sunset Lake
Swain Channel
Taylor Creek
Taylor Sound
Terrapin Thorofare
Thorofare Island
Upper Thorofare
Warren Creek
Wildwood Crest
Wildwood Gables
York Creek

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

Replaces C&GS Form 567.

NON-SCOTTING AIDS OR LANDMARKS FOR CHARTS

[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.)	
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 L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 5 - Field Identified 6 - Theodolite 7 - Planetable 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	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
**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.	

Replaces C&GS Form 567.

NONFLOATING AIDS ~~ON CHARTS~~ FOR CHARTS

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

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)

<input checked="" type="checkbox"/> TO BE CHARTED	REPORTING UNIT (If field party, ship or office)	STATE	LOCALITY	DATE
<input type="checkbox"/> TO BE REVISED	Coastal Mapping Unit,	New Jersey	Delaware Bay	Dec. 1983
<input type="checkbox"/> TO BE DELETED	AMC, Norfolk, VA			

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

OPR PROJECT NO.	JOB NUMBER	SURVEY NUMBER
-----------------	------------	---------------

JOB NUMBER

SURVEY NUMBER

DATUM

N.A. 1927

METHOD AND DATE OF LOCATION
(See instructions on reverse side)

OFFICE	FIELD
--------	-------

PH-700Z	DESCRIPTION
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DESCRIPTION
(Record reason for detection of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)

LATITUDE	°	'	"	TO M Meiers
----------	---	---	---	-------------

LOI	0
-----	---

LONGITUDE	"	D p Meters
-----------	---	------------

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

