

TP-00117

TP-00117

NOAA FORM 76-35 (3-76) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h1>DESCRIPTIVE REPORT</h1>	
<i>Map No.</i> TP-00117	<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> JENKINS SOUND	
<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		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED </td> <td style="width: 50%;"> SURVEY TP. <u>00117</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>FINAL</u> JOB PH. <u>7002</u> </td> </tr> </table>		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. <u>00117</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>FINAL</u> JOB PH. <u>7002</u>		
TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	SURVEY TP. <u>00117</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>FINAL</u> JOB PH. <u>7002</u>						
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit Atlantic Marine Center, Norfolk, VA		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"> LAST PRECEDING MAP EDITION </td> </tr> <tr> <td style="width: 50%;"> TYPE OF SURVEY <input type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED </td> <td style="width: 50%;"> JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__ </td> </tr> </table>		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__
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__						
OFFICER-IN-CHARGE A. Y. Bryson							
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 5, 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) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">STATE New Jersey</td> <td style="width: 50%;">ZONE</td> </tr> </table>		STATE New Jersey	ZONE		
STATE New Jersey	ZONE						
5. SCALE 1:10,000		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">STATE</td> <td style="width: 50%;">ZONE</td> </tr> </table>		STATE	ZONE		
STATE	ZONE						
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS		NAME	DATE				
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		D. Norman	Feb. 1971				
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Coradomat</u> CHECKED BY		H. Eichert	Feb. 1971				
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY		P. Dempsey	March 1971				
INSTRUMENT: <u>Wild B-8</u>		H. Eichert	March 1971				
SCALE: <u>1:10,000</u>		R. White	May 1971				
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY		A. L. Shands	May 1971				
METHOD: <u>Smooth drafted</u>		N.A.					
SCALE: <u>1:10,000</u>		N.A.					
HYDRO SUPPORT DATA BY		F. B. Margiotta	June 1971				
CHECKED BY		R. White	July 1971				
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		R. White	July 1971				
6. APPLICATION OF FIELD EDIT DATA BY		A. L. Shands	March 1974				
CHECKED BY		R. White	March 1974				
7. COMPILATION SECTION REVIEW BY		R. White	March 1974				
8. FINAL REVIEW BY		L. O. Neterer, Jr.	Nov. 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 SURVEY

TP-00117

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) WILD RC-8 "L" focal length=152.21mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input checked="" type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR <input checked="" type="checkbox"/> (P) PANCHROMATIC (I) INFRARED		ZONE Eastern MERIDIAN 75th <input type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
70L(C) 1300 & 1301*	Apr. 8, 1970	12:30	1:20,000	1.6 ft. above M.L.W.	
70L(C) 8526 & 8527**	Sept 29, 1970	9:03	1:40,000	3.2 ft. above M.L.W.	

REMARKS *Date on photographs (March) is in error. Should be April as on flight card.
 **Bridge and compilation photos centers not shown on map.

2. SOURCE OF MEAN HIGH-WATER LINE:

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

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-00130	TP-00118	TP-00119 and TP-00120	TP-00131

REMARKS

HISTORY OF FIELD OPERATIONS

I. ☒ 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 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

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

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

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00117
HISTORY OF FIELD OPERATIONSI. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	Summer of 1972
2. HORIZONTAL CONTROL	RECOVERED BY N.A. ESTABLISHED BY N.A. PRE-MARKED OR IDENTIFIED BY N.A.	
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 A. Bricknell LOCATED (Field Methods) BY A. Bricknell IDENTIFIED BY A. Bricknell	Summer 1972 Summer 1972 Summer 1972
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 A. Bricknell	Summer 1972
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

70L 8526, 70L(C) 1296, 70L(C) 1300

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

None

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

3 Forms 470

2 Field Edit Ozalds (1 each paper and film)

3 Forms 24A

1 Field edit Report

1 Form 758

3 76-40 Forms

1 Form 157

NOAA FORM 76-36C
(3-72)

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00117
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	None	July 1971
Field edit applied, compilation complete	Mar ^C 1974	Class I Manuscript	June 7, 1976	May 10, 1973
Final Review	Nov. 1983	Final Map		

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

PAGES NUMBER XXXXXX	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Oct. 7, 1975	Landmarks for charts
1		Oct. 7, 1975	Landmarks for deletion (not included in with report)
1		Oct. 7, 1975	Aids for charts

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

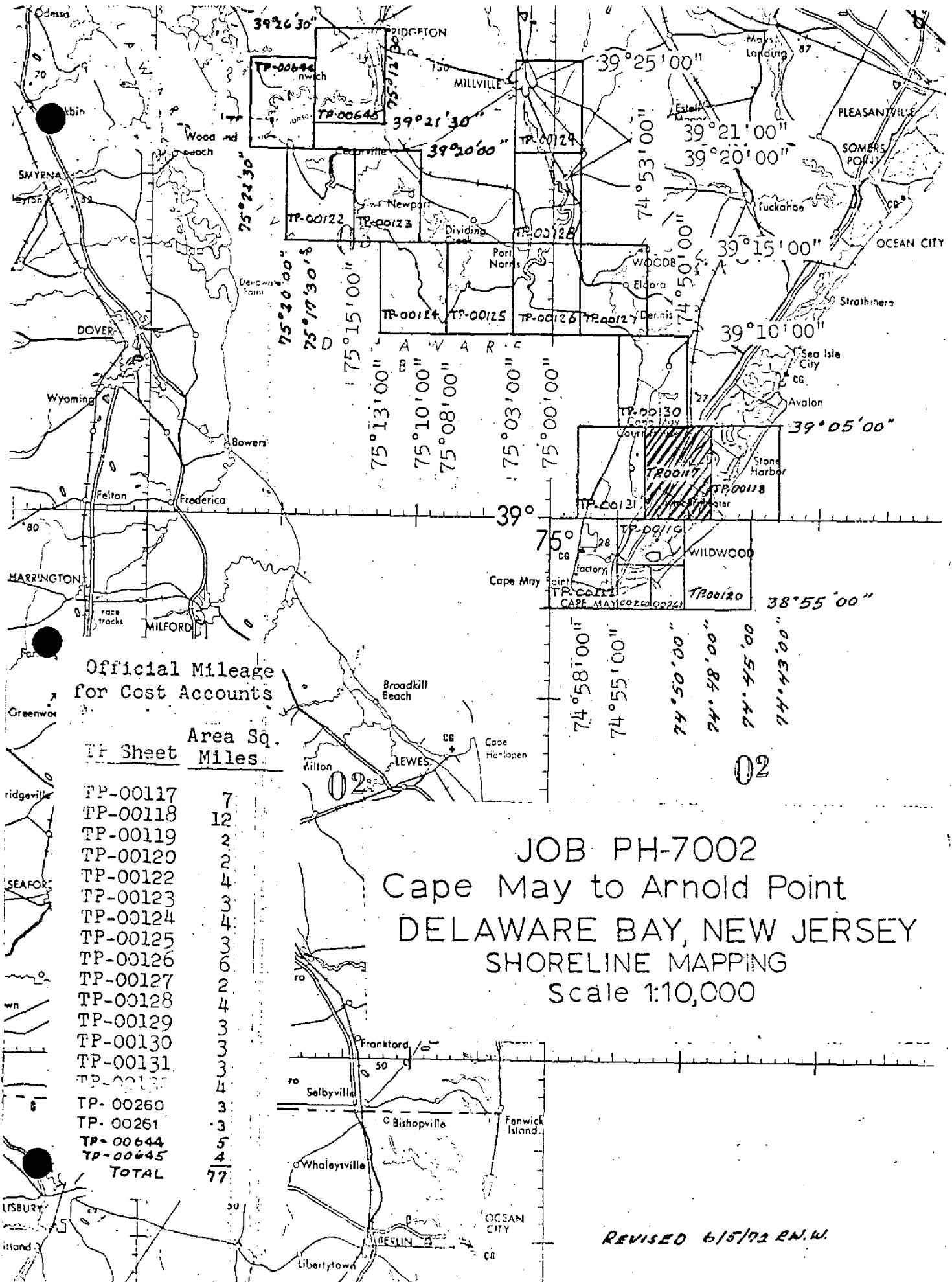
III. FEDERAL RECORDS CENTER DATA

1. ☐ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS ~~502~~ 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: PHOTO 70L(4) 8526 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

02

02

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

REVISED 6/15/72 R.N.W.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00117

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 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 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 July 1971.

Field edit for this map was accomplished 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 November 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-00117

There was no field inspection prior to compilation.

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.

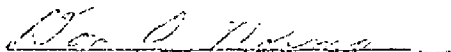
24. Supplemental Data

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

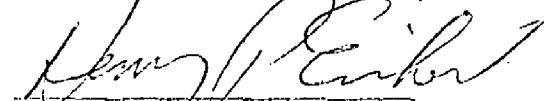
25. Photography

The sidelpap 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

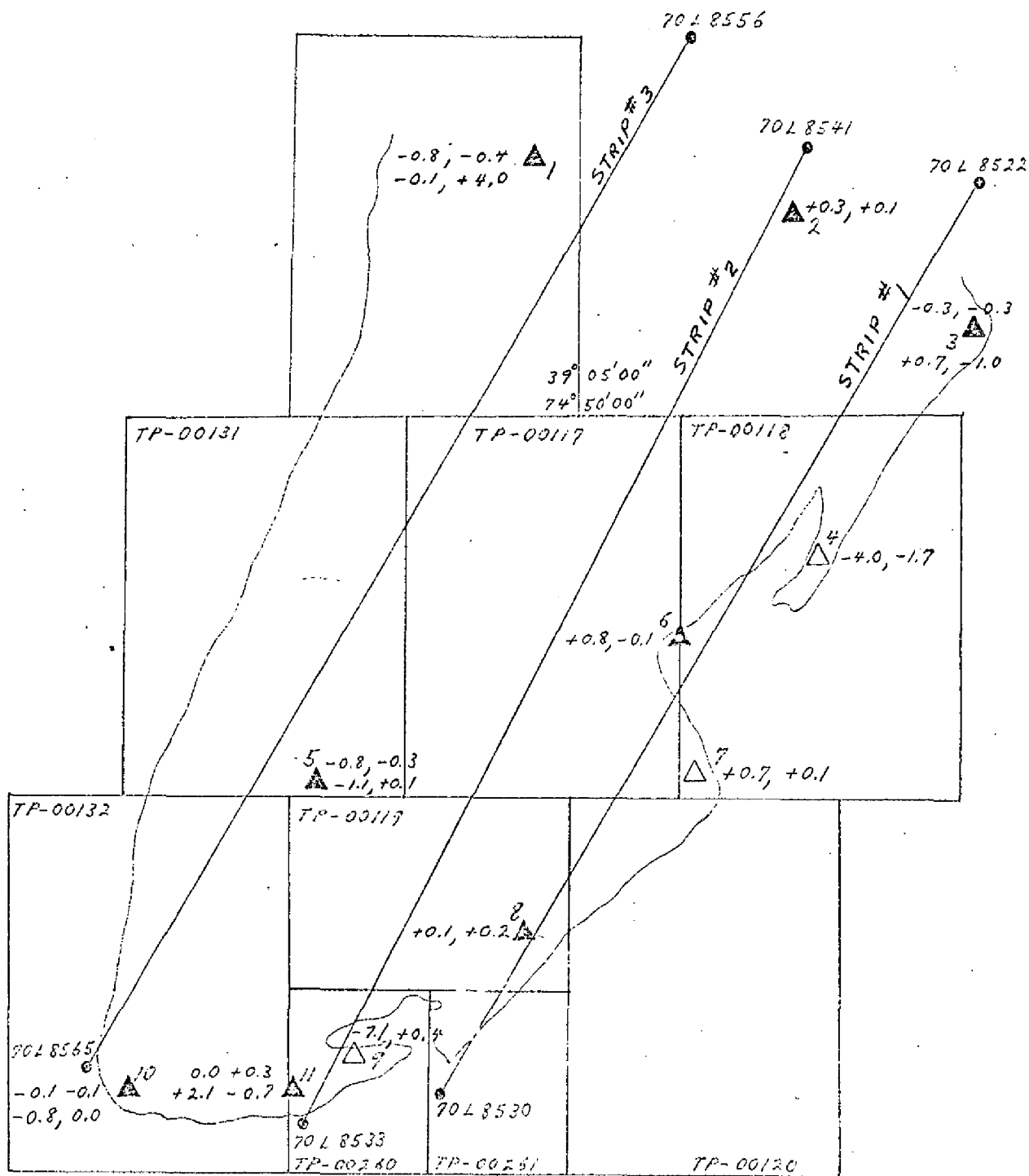
Approved and forwarded,


Henry P. Lichert
Chief, Aerotriangulation
Section

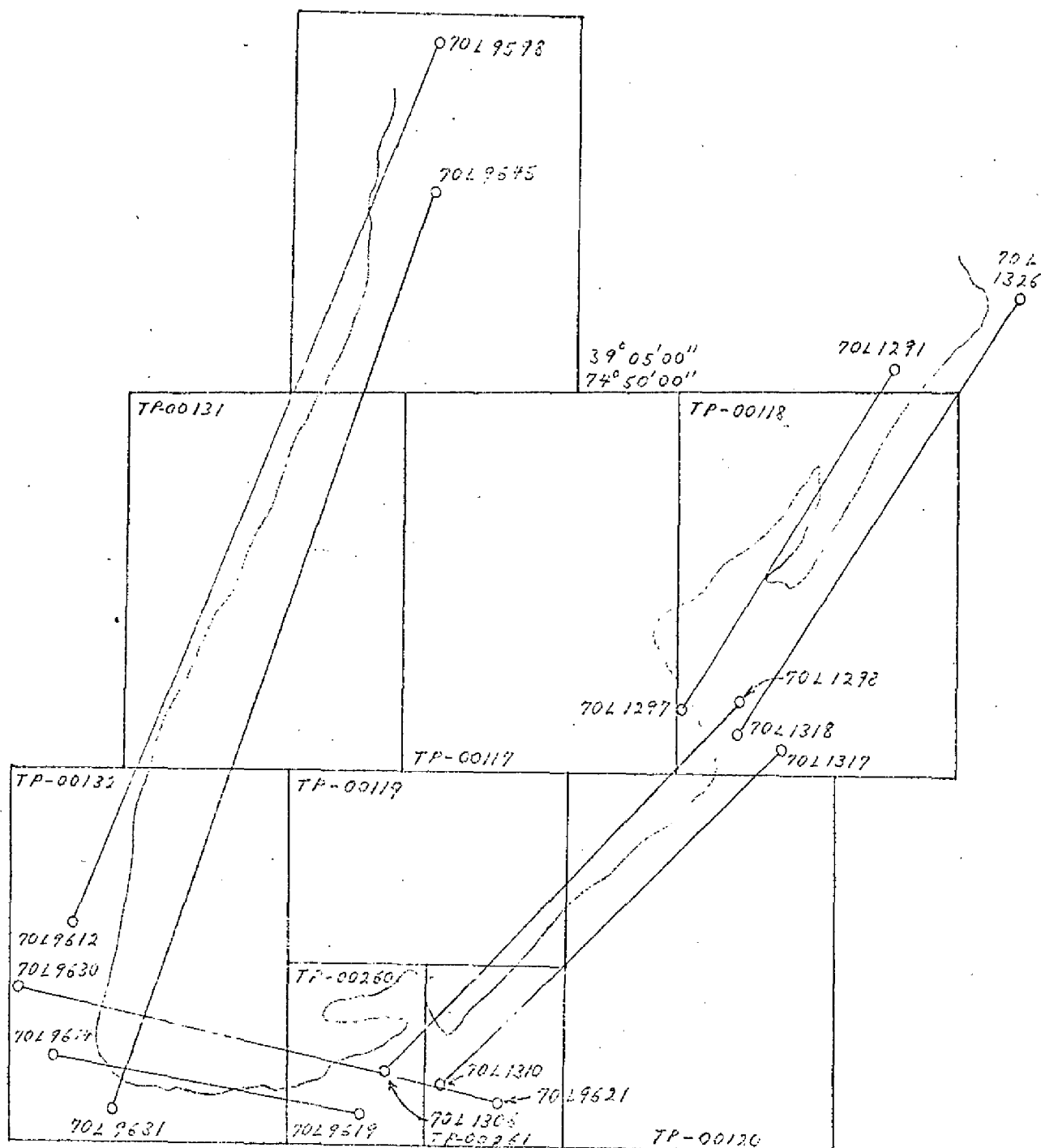
1. ▲ GOSHEN, 1933
 △ GOSHEN M.E. CHURCH STEEPLE, 1933.
 office identified
2. ▲ STITES, 1936
3. ▲ AVALON, 1932
 △ AVALON STANDPIPE, 1928
 office identified
4. △ STONE HARBOR WATER TANK, 1962
 office identified
5. △ CAPE MAY COUNTY AIRPORT CHECKERED WATER TANK, 1962
 ▲ CAPE MAY COUNTY AIRPORT CHECKERED 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.	STATION NAME	JOB NO.	GEODETIC DATUM			ORIGINATING ACTIVITY		REMARKS
			PH-7002	NA 1927	COORDINATES IN FEET	Geographic Position	Coastal Mapping Division, AMC Norfolk, Virginia	
			SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	STATE ZONE	ϕ LATITUDE λ LONGITUDE		
	OLD, 1936		G.P.Pg. 352		X=	ϕ 39 01' 06.404"	197.5	(1652.7)
					Y=	λ 74 50' 30.658"	737.5	(705.9)
	SHELL, 1936		G.P.Pg. 352		X=	ϕ 39 03' 21.131"	651.6	(1198.6)
					Y=	λ 74 49' 24.224"	582.5	(860.2)
	RICH, 1936		G.P.Pg. 352		X=	ϕ 39 00' 06.64"	204.8	(1645.4)
					Y=	λ 74 51' 08.47"	203.8	(1240.0)
	GRASS, 1936		G.P.Pg. 352		X=	ϕ 39 00' 38.491"	1186.9	(603.3)
					Y=	λ 74 48' 41.903"	1008.2	(435.6)
	ROAD, 1928		390743 Pg. 59		X=	ϕ 39 02' 09.6079"	296.3	(1553.9)
					Y=	λ 74 49' 49.8746"	1199.5	(243.5)
					X=	ϕ		
					Y=	λ		
					X=	ϕ		
					Y=	λ		
					X=	ϕ		
					Y=	λ		
					X=	ϕ		
					Y=	λ		
					X=	ϕ		
					Y=	λ		
COMPUTED BY	A. C. Rauck, Jr.			DATE 4/2/71	COMPUTATION CHECKED BY	F. P. Margiotta	DATE 4/2/71	
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-00117

31 - DELINEATION

Compilation was by Wild B-8 stereoplotting instrument using 1:40,000 scale photography dated September 29, 1970. The photo coverage was adequate. There was no field inspection prior to compilation.

32 - CONTROL

The horizontal control was adequate. Refer to the Photogrammetric Plot Report dated February 1971.

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

Contours are not applicable to the project. 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.

36 - OFFSHORE DETAILS

None.

37 - LANDMARKS AND AIDS

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

38 - CONTROL FOR FUTURE SURVEYS

None.

39 - JUNCTIONS

Junctions have been made with TP-00130 to the north; TP-00118 to the east; TP-00120 to the south; east of Latitude $74^{\circ}50'00''$; TP-00119 to the south, west of Latitude $74^{\circ}50'00''$; and TP-00131 to the west.

40 - HORIZONTAL AND VERTICAL ACCURACY

No statement.

TP-00117

46 - COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S.G.S. Quadrangles Rio Grande, NJ, scale 1:24,000, dated 1956; and, Stone Harbor, 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.

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 W. Barnes for

James Bryd, Jr.
Chief, Coastal Mapping Unit



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

16

FIELD EDIT REPORT
Job PH 7002
DELAWARE BAY, NEW JERSEY
TP 00117 - Jenkins Sound

This sheet was field edited during the 1972 Summer Season.

52. ADEQUACY OF COMPILATION

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

54. RECOMMENDATIONS

None

56. SHORELINE AND ALONGSHORE FEATURES

Two catwalks and two piers in ruins are indicated on photo 70 L 8526 and cross referenced from the ozalid. A new bulkhead is shown by dimensioned sketch.

All changes to field edit sheet are indicated on photos 70 L 8526, 1296, and 1300 or on the field edit ozalid, and are cross referenced.

58. LANDMARKS AND AIDS

A Form 76-40 is submitted for all fixed aids to navigation. Light # 30 was located by sextant fix and plotted on the film ozalid.

Forms 76-40 are submitted for all Landmarks. The two towers referred to as East Tower and West Tower are tall wooden powerline poles and are of no value as Landmarks, the other two towers are steel transmission towers and were located by intersection.

59. GENERAL STATEMENT

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

Respectfully Submitted;

Arthur R. Bricknell
Surveying Technician

REVIEW REPORT
SHORELINE

TP-00117

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: Stone Harbor, NJ, dated 1955; and Rio Grande, NJ, dated 1956. Both are 1:24,000 scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary survey was conducted in the area pertaining to this Final Map.

65. COMPARISON WITH NAUTICAL CHARTS

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

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

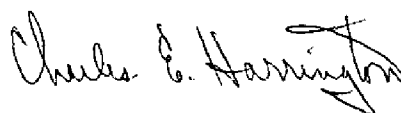
PH-7002 (Delaware Bay, N. J.)

TP-00117

Aaron Denny Creek
Anglesea Island
Anglesea Marsh
Back Creek
Beach Creek
Bennys Landing
Brothers Creek
Buck Island
Carino Creek
Charles Creek
Conrail (RR)
Cresse Creek
Devils Wedge
Drum Creek
Drum Island
Gar Creek
Go Through Creek
Grassy Point
Grassy Sound (locale)
Grassy Sound Channel
Grassy Sound Meadow
Gravelly Run
Gunners Point
Hammock Creek
Hann Cove
Hann Point
Hildreth Meadow
Ikes Point
Intracoastal Waterway
Jenkins Channel
Jenkins Point
Jenkins Sound

Jimmys Point
Josh Creek
Little Turtle Gut
Middle Thorofare
Middle Thorofare Island
Mommy Teel Creek
Mud Creek
No Mans Island
Old Turtle Point
Old Turtle Thorofare
Ottens Canal
Oyster Creek
Oyster Creek Point
Phillip Shields Islands
Race Cove
Richardson Sound
Shellbed Creek
Shellbed Landing
Shooting Island
Slab Creek
Slaughter Gut
Sugar Farm Creek
Taugh Creek
Taugh Point
Taylor Creek
Tempe Creek
Turtle Gut
Warren Point
West Island
West Wildwood
Wildwood Canal
Wishbone Island

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

Replaces C&GS Form 567.

NONFLOATING AIDS ORLANDMARKS FOR CHARTS

U.S. DEPARTMENT OF COMMERCE
BUREAU OF ECONOMIC ANALYSIS
OFFICE OF AIR AND ATMOSPHERIC ADMINISTRATION
WASHINGTON, D. C. 20540

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)

492	<input type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED	REPORTING UNIT (Field Party, Ship or Office)	STATE	LOCALITY	DATE	<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> COMPILATION ACTIVITY <input checked="" type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH
		AMC, Norfolk, VA	New Jersey	Delaware Bay	Nov. 1983	
The following objects HAVE <input type="checkbox"/> HAVE NOT <input type="checkbox"/> been inspected from seaward to determine their value as landmarks.						
OPR PROJECT NO.	JOB NUMBER	SURVEY NUMBER		DATUM		METHOD AND DATE OF LOCATION (See instructions on reverse side)
	PH-7002	TP-00117		N.A. 1927		
				POSITION		CHARTS

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	
POSITIONS DETERMINED AND/OR VERIFIED	
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
(Consult Photogrammetric Instructions No. 64.)	
OFFICE I. OFFICE IDENTIFIED AND LOCATED OBJECTS Enter the number and date (including month, day, and year) of the photograph used to identify and locate the object. EXAMPLE: 75E(C)6042 8-12-75	FIELD (Cont'd) B. Photogrammetric field positions** require entry of method of location or verification, date of field work and number of the photograph used to locate or identify the object. EXAMPLE: P-8-V 8-12-75 74L(C)2982
FIELD I. NEW POSITION DETERMINED OR VERIFIED Enter the applicable data by symbols as follows: F - Field P - Photogrammetric L - Located Vis - Visually V - Verified 1 - Triangulation 5 - Field identified 2 - Traverse 6 - Theodolite 3 - Intersection 7 - Planetable 4 - Resection 8 - Sextant A. Field positions* require entry of method of location and date of field work. EXAMPLE: F-2-6-L 8-12-75	III. POSITION VERIFIED VISUALLY ON PHOTOGRAPH Enter 'V-Vis.' and date. EXAMPLE: V-Vis. 8-12-75 **PHOTOGRAMMETRIC FIELD POSITIONS are dependent entirely, or in part, upon control established by photogrammetric methods.
*FIELD POSITIONS are determined by field observations based entirely upon ground survey methods.	

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.	

