

TP- 00261

TP - 00261

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-00261	Edition No. 1
Job No. PH-7002	
Map Classification FINAL	
Type of Survey SHORELINE	
LOCALITY	
State NEW JERSEY	
General Locality DELAWARE BAY	
Locality 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>00261</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. 27, 1970 Aerotriangulation (Part II) Jan. 15, 1971 Compilation (Part I) March 17, 1971 Compilation (Part II) May 55, 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 1:5,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		D. Norman	Feb. 1971
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY		H. Eichert	Feb. 1971
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 CONTOURS BY SCALE: 1:5,000 CHECKED BY		A. L. Shands R. White N.A. N.A.	April 1971 April 1971
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth drafted CONTOURS BY CHECKED BY SCALE: 1:5,000 HYDRO SUPPORT DATA BY CHECKED BY		R. J. Pate L. L. Graves N.A. N.A. R. J. Pate L. L. Graves	May 1971 May 1971 May 1971 May 1971
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		L. L. Graves	May 1971
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		C. Blood A. L. Shands	Nov. 1973 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

TP-00261
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Focal length $\approx 152.21\text{mm}$ 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) 1304 & 1305	Apr. 8, 1970*	12:32	1:20,000	1.2 ft. above MLLW	
70L(C) 1310 - 1312	Apr. 8, 1970*	12:41	1:20,000	0.8 ft. above MLLW	

REMARKS *Date on photographs (March) is an error. Should be April as on flight card.

2. SOURCE OF MEAN HIGH-WATER LINE:

The mean high water line was compiled from the above listed photography, and measurements taken to the MHWL 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 photographs 70L(C) 1310 thru 1312 did not junction with the map TP-00119 to the north since no low water photography was flown that covered that map.

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-00120	ATLANTIC OCEAN	TP-00260

REMARKS

*TP-00119 and TP-00120 are 1:10,000 scale.

TP-00261

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 ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY P. Walbolt	Sept. 9. 1970 Sept. 9. 1970
3. VERTICAL CONTROL	RECOVERED BY Inapplicable ESTABLISHED BY Inapplicable PRE-MARKED OR IDENTIFIED BY Inapplicable	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY R. S. Tibbetts LOCATED (Field Methods) BY R. S. Tibbetts IDENTIFIED BY A. R. Bricknell	Sept. 1972 Sept. 1972 Sept. 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	Sept. 1972
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)

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)

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION TP 00261

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	1970
	PRE-MARKED OR IDENTIFIED BY J.K. Wilson & R.S. 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	
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 85331 & 70 L(C) 1303

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

See Froms 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

2 Sheets Form 24A

1 Field Edit Ozalid

TP-00261

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 4, 1971	Class III Manuscript SUPERSEDED	July 6, 1971	May 21, 1971
Compilation Complete Field Edit Applied	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

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

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

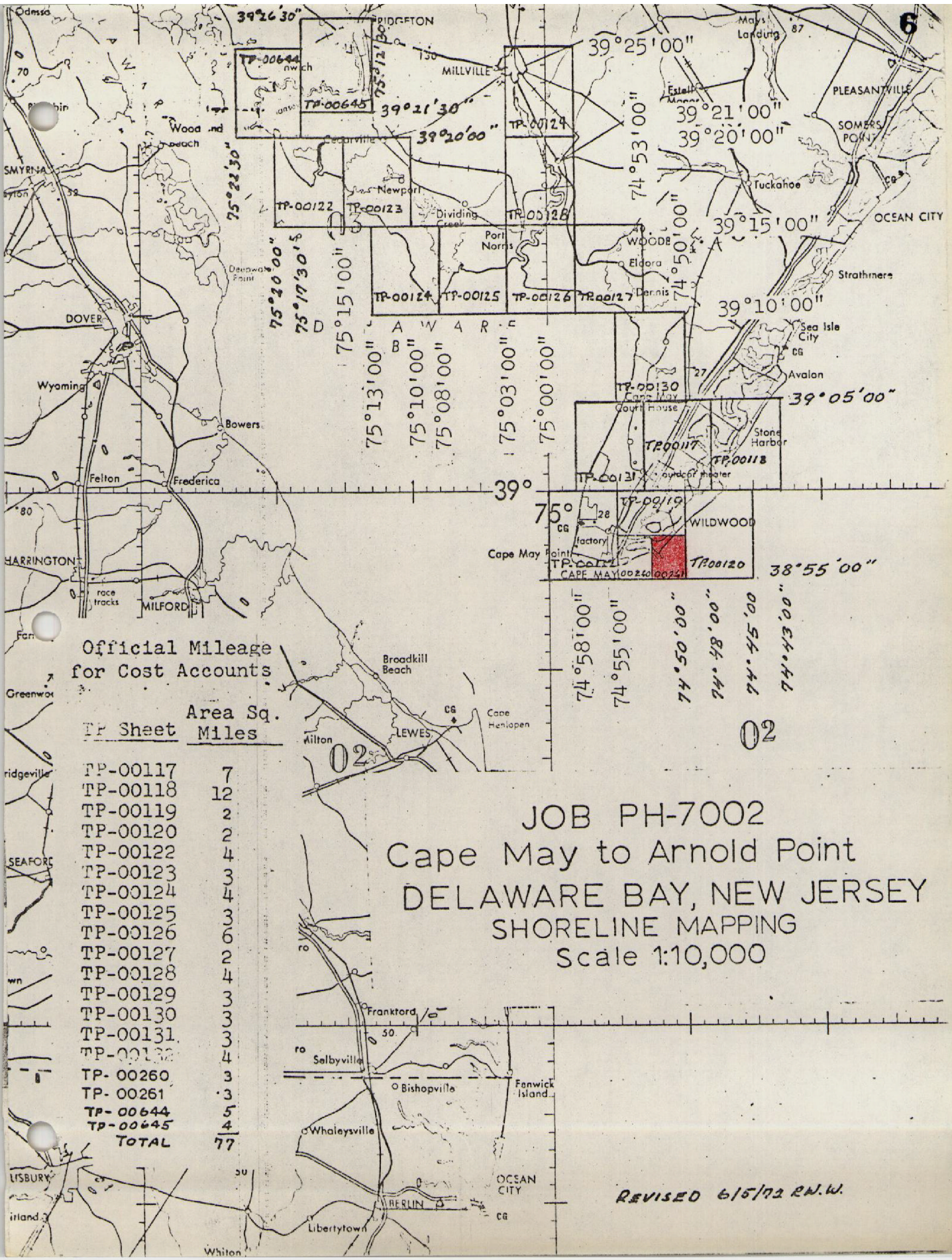
III. FEDERAL RECORDS CENTER DATA

1. ☐ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS. ~~95X~~ 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:

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.W.W.

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00261

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 Cohensey 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 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 May 1971.

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

The application of field edit was completed in November 1973 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.

TP-00261

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 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.

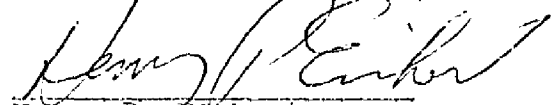
25. Photography

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

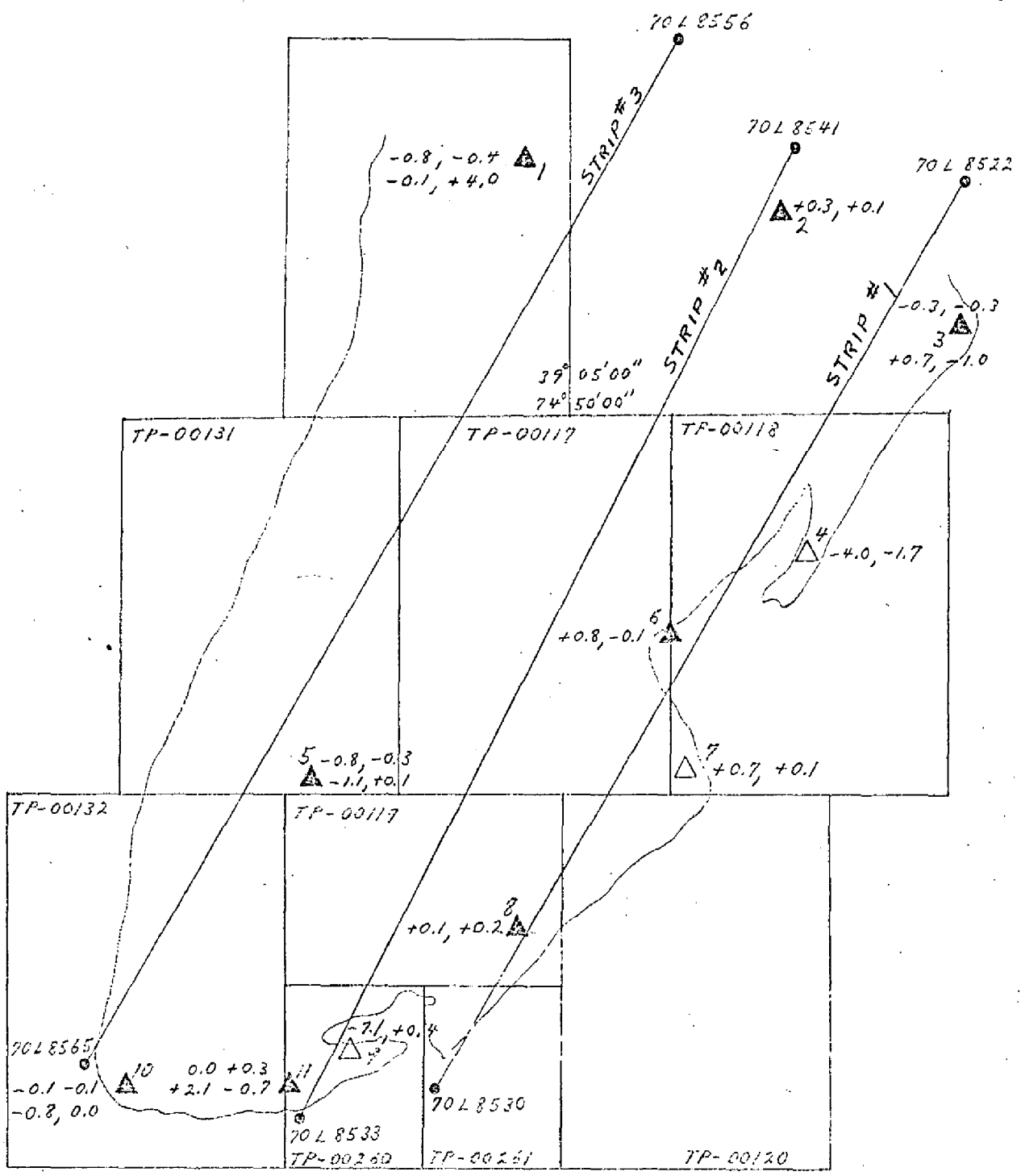
Approved and forwarded,


Henry P. Eichert
Chief, Aerotriangulation
Section

1. ▲ GOSHEN, 1933
 △ GOSHEN M.E. CHURCH STEEPLE, 1933
 office identified
2. ▲ STITES, 1936
3. ▲ 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

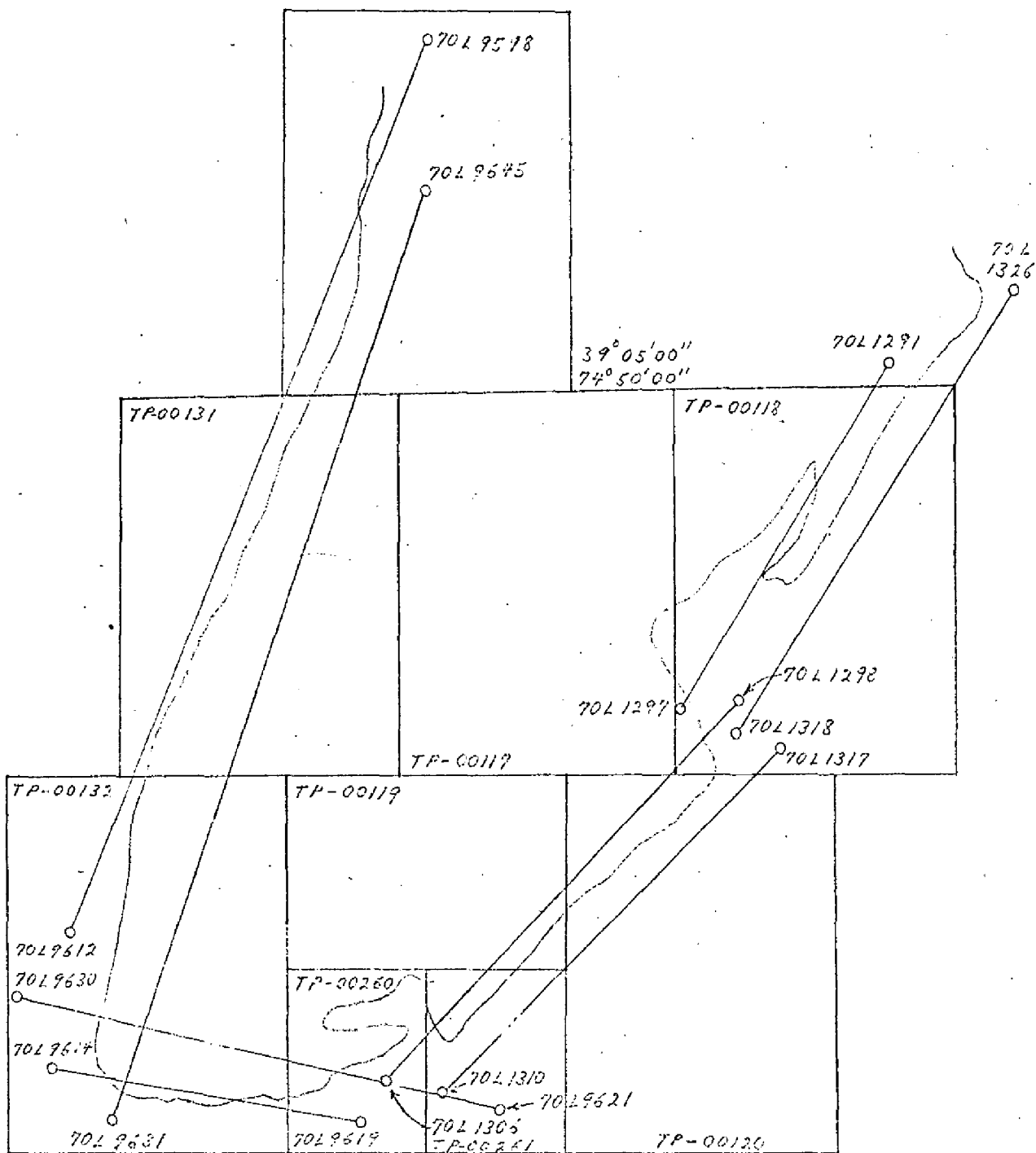


AEROTRIANGULATION SKETCH
DELAWARE BAY
PH-7002

RATIO PHOTOGRAPHS

1:20000

Feb., 1971



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO. TP-00261	JOB NO. PH-7002	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM N.A. 1927		ORIGINATING ACTIVITY Coastal Mapping Unit, AMC	
					COORDINATES IN FEET STATE ZONE	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	REMARKS	
MIDDLE, 1962	387044 Page 46				X=	ϕ 38°57'21.3638"		
					Y=	λ 74°52'26.3782"		
TWO MILE, 1962	380744 Page 47				X=	ϕ 38°57'21.9558"		
					Y=	λ 74°51'13.0664"		
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"		
					X=	ϕ		
					Y=	λ		
					X=	ϕ		
					Y=	λ		
					X=	ϕ		
					Y=	λ		
					X=	ϕ		
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					X=	ϕ		
					Y=	λ		
COMPUTED BY A. C. Rauck, Jr. LISTED BY					COMPUTATION CHECKED BY Jim Bulfer		DATE 4/6/71	
					LISTING CHECKED BY		DATE	
HAND PLOTTING BY					HAND PLOTTING CHECKED BY		DATE	
							DATE	

COMPILATION REPORT

TP-00261

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

Shoreline and alongshore details were compiled 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 Nos. 1904, 1905 and 1906 lie within the limits of this survey.

See item #49.

TP-00261

39 - JUNCTIONS

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

40 - HORIZONTAL AND VERTICAL ACCURACY

See Item #32.

46 - COMPARISON WITH EXISTING MAPS

Comparison was made with U.S.G.S. Quadrangle Wildwood, NJ, scale 1:24,000, dated 1955.

47 - COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 234, scale 1:10,000, dated February 1969; 1219, scale 1:40,000, dated August 1970; and, 826-S.C, scale 1:40,000, dated October 1970.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

R. J. Pate

R. J. Pate
Cartographic Technician
May 4, 1971

Approved,

J. L. Byrd, Jr.

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



16
U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SURVEY

FIELD EDIT REPORT

Job PH 7002

DELAWARE BAY, NEW JERSEY

TP 00261 - CAPE MAY INLET

edit per
This sheet was field 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

Distances were measured to the mean high water line from points shown on the ozalid.

All changes 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 on this sheet. A new position was determined for the CAPE MAY INLET JETTY LIGHTS by fix. Forms 76-40 are submitted for all Landmarks on this sheet.

59. GENERAL STATEMENT

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

Respectfully Submitted;

Arthur R. Bricknell

REVIEW REPORT
SHORELINE

TP-00261

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 surveys H-9311, scale 1:10,000, dated August to October; and H-9311, scale 1:20,000.

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.

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-00261

Atlantic Ocean

Cape May

Cape May Harbor

Cape May Inlet

Cold Spring Harbor Dock

Lower Thorofare

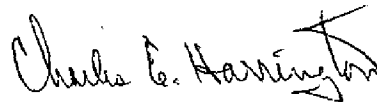
Middle Thorofare

Old Lower Thorofare

Sewell Point

Thorofare Island

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

Replaces C&GS Form 567.

NONFLOATING AIDS OR LANDMARKS 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!)*

REPORTING UNIT (If field party, ship or office)	STATE	LOCALITY	DATE
Coastal Mapping Unit, AMC, Norfolk, VA	New Jersey	Delaware Bay	Oct. 1975

[illegible]

JOB NUMBER	SURVEY NUMBER
1000	1000

492:

N.A. 1927

[illegible]

	DESCRIPTION
	Record reason for deletion of landmark or aid to navigation.
	Show triangulation station names, where applicable, in parentheses.

LATITUDE		LONGITUDE	
1	"	0	"
D.M. Meters		D.P. Meters	

OFFICE	FIELD

AFFECTED

TOWER	STEEL FRAME
	HT. = 72 (75)

STEEL FRAME STRUCTURE ON BUILDING

03.92	7/	ET
-------	----	----

31.31

70L(C) 1303

P-5

12316
12317
12304

LORAN
TOWER
(CAPE MAY U.S. COAST GUARD
ELECTRONICS MAST 1. 1962)

58.068

02.425

70L(C) 1304

Field inspe

1

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	A. R. Bricknell
POSITIONS DETERMINED AND/OR VERIFIED	A. R. Bricknell
	A. L. Shands
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES	<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> OTHER (Specify)
INSTRUCTIONS FOR ENTRIES UNDER 'METHOD AND DATE OF LOCATION'	
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, GEOLANDMARKS 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)

REPORTING UNIT (Field Party, Ship or Office)	STATE	LOCALITY	DATE
Coastal Mapping Unit, AMC, Norfolk, VA	New Jersey	Delaware Bay	Oct. 75

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

OPR PROJECT NO.	JOB NUMBER	SURVEY NUMBER	DATUM	METHOD AND DATA (See Instructions)
492	PH-7002	TP-00261	N.A. 1927	POSITION

CHARTING NAME	DESCRIPTION <i>(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)</i>	LATITUDE		LONGITUDE		OFFICE
		°	'	°	'	
				D.M. Meters	D.P. Meters	

RADIO BEACON		38 56	38.40 1184	74 52	19.57 472	70L(C) 1311 April 8, 1970
LIGHT	CAPE MAY INLET EAST JETTY LIGHT	38 56	11.71 361	74 51	44.05 1061	
LIGHT	CAPE MAY INLET WEST JETTY LIGHT	38 56	11.31 349	74 51	56.70 1366	

[illegible]

RESPONSIBLE PERSONNEL	
TYPE OF ACTION	NAME
OBJECTS INSPECTED FROM SEAWARD	A. R. Bricknell
POSITIONS DETERMINED AND/OR VERIFIED	A. R. Bricknell
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW	A. L. Shands
ACTIVITIES	<input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input checked="" type="checkbox"/> OTHER (Specify) Field Editor
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) 8. 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	III. 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.	

