

TP-00260

TP-00260

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-00260	<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 HARBOR	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 19 70 TO 1972 </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

- ☒ ORIGINAL
- ☐ RESURVEY
- ☐ REVISED

SURVEY TP. 00260

MAP EDITION NO. (1)

MAP CLASS FINAL

JOB PH. 7002

PHOTOGRAMMETRIC OFFICE

Coastal Mapping Unit

Atlantic Marine Center, Norfolk, VA

OFFICER-IN-CHARGE

A. Y. Bryson

LAST PRECEDING MAP EDITION

TYPE OF SURVEY

- ☐ ORIGINAL
- ☐ RESURVEY
- ☐ REVISED

JOB PH. _____

MAP CLASS _____

SURVEY DATES:

19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE

Aerotriangulation (Part I) Nov. 23, 1970

Aerotriangulation (Part II) Jan. 15, 1971

Compilation (Part I) March 17, 1971

Compilation (Part II) May 05, 1972

Amendment I March 28, 1975

Supplement I April 18, 1975

Memo (Cancel field edit) Dec. 14, 1979

Memo (Completion Schedule) June 22, 1981

2. FIELD

Precompilation Field July 22, 1970

II. DATUMS

1. HORIZONTAL:

☒ 1927 NORTH AMERICAN

OTHER (Specify)

2. VERTICAL:

- ☒ MEAN HIGH-WATER
- ☐ MEAN LOW-WATER
- ☐ MEAN LOWER LOW-WATER
- ☐ MEAN SEA LEVEL

OTHER (Specify)

3. MAP PROJECTION

Polyconic

4. GRID(S)

STATE

New Jersey

ZONE

5. SCALE

1:5,000

STATE

ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic	BY	D. Norman	Feb. 1971
	LANDMARKS AND AIDS BY	H. Eichert	Feb. 1971
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat	PLOTTED BY	D. Norman	March 1971
	CHECKED BY	H. Eichert	March 1971
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:5,000	PLANIMETRY BY	A. L. Shands	April 1971
	CHECKED BY	R. R. White	April 1971
	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION METHOD: Smooth drafted SCALE: _____	PLANIMETRY BY	R. J. Pate	May 1971
	CHECKED BY	A. C. Rauck, Jr.	June 1971
	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
	HYDRO SUPPORT DATA BY	R. J. Pate	May 1971
	CHECKED BY	A. C. Rauck, Jr.	June 1971
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	A. C. Rauck, Jr.	June 1971
6. APPLICATION OF FIELD EDIT DATA	BY	R. R. White	Nov. 1973
	CHECKED BY	A. L. Shands	Nov. 1973
7. COMPILATION SECTION REVIEW	BY	A. L. Shands	Nov. 1973
8. FINAL REVIEW	BY	L. O. Neterer, Jr.	Dec. 1983
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH	BY	L. O. Neterer, Jr.	Jan. 1984
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH	BY		
11. MAP REGISTERED - COASTAL SURVEY SECTION	BY	E. DAUGHERTY	Nov. 1984

NOAA FORM 76-36A

SUPERSEDES FORM C&GS 181 SERIES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Focal length=152.21mm

Wild RC-8 "L"

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

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

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

ZONE

Eastern

☒ STANDARD**MERIDIAN**

75th

☐ DAYLIGHT

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

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

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

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

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

4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
TP-00119	TP-00261	ATLANTIC OCEAN	TP-00132

REMARKS

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

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

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	J. Wilson	Sept. 1970
2. HORIZONTAL CONTROL	RECOVERED BY J. Wilson	Sept. 9, 1970
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY P. Walbolt	Sept. 9, 1970
3. VERTICAL CONTROL	RECOVERED BY N.A.	
	ESTABLISHED BY N.A.	
	PRE-MARKED OR IDENTIFIED BY N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY	
	LOCATED (Field Methods) BY	
	IDENTIFIED BY	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	<input type="checkbox"/> COMPLETE BY	
	<input type="checkbox"/> SPECIFIC NAMES ONLY	
	<input type="checkbox"/> NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Paneled

2. VERTICAL CONTROL IDENTIFIED

None

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

3. PHOTO NUMBERS (Clarification of details)

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

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

7. SUPPLEMENTAL MAPS AND PLANS

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

1 Form 152

HISTORY OF FIELD OPERATIONS

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

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R.S. Tibbetts	1970 - 1972
2. HORIZONTAL CONTROL	RECOVERED BY J.K. Wilson	1970
	ESTABLISHED BY N/A?	
	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	
	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 8524, & 70L(C) 9624, & 9625

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

See Forms 76-40

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

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

7. SUPPLEMENTAL MAPS AND PLANS

None

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

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

TP-00260
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Compilation complete pending field edit	May 28, 1971	Class III Manuscript SUPERSEDED	July 6, 1971	July 6, 1971
Field edit applied, compilation complete	Nov. 1973	Class I Manuscript	June 7, 1976	Feb. 28, 1975
Final Review	Oct. 1983	Final Map		

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

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

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

III. FEDERAL RECORDS CENTER DATA

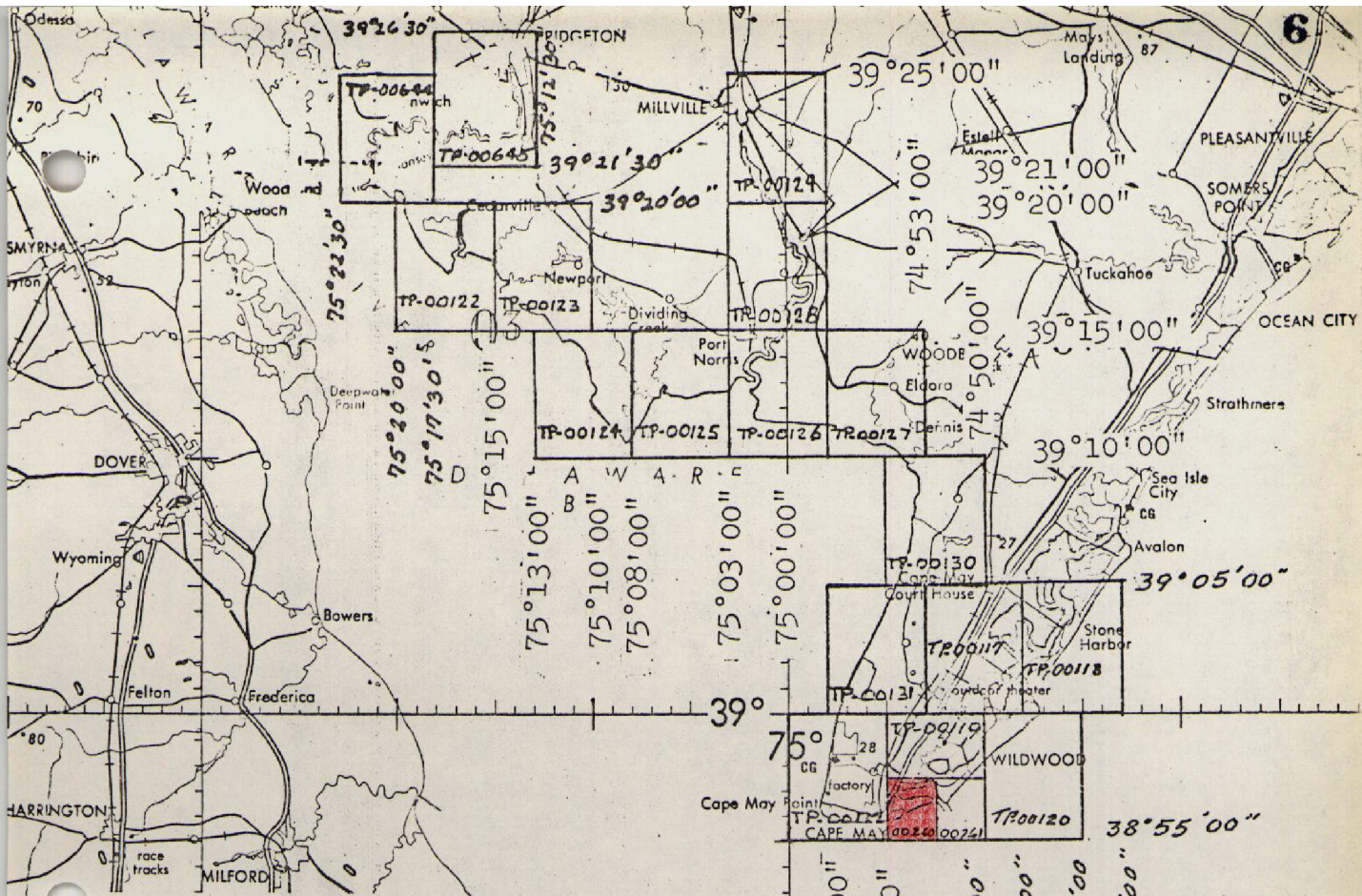
1. ☐ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS. ~~551~~ SUBMITTED BY FIELD PARTIES.
 3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.

ACCOUNT FOR EXCEPTIONS: PHOTO 76-40 9624 NOT WITH SURVEY AT TIME OF
REGISTRY.

4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS (This section shall be completed each time a new map edition is registered)

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



Official Mileage for Cost Accounts

Tr Sheet Area Sq.
 Miles

TP-00117	7
TP-00118	12
TP-00119	2
TP-00120	2
TP-00122	4
TP-00123	3
TP-00124	4
TP-00125	3
TP-00126	6
TP-00127	2
TP-00128	4
TP-00129	3
TP-00130	3
TP-00131	3
TP-00132	4
TP-00260	3
TP-00261	3
TP-00644	5
TP-00645	4
TOTAL	77

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

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

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00260

This 1:5,000 scale shoreline map is one of nineteen maps that comprise project PH-7002, Cape May to Arnold Point, Delaware Bay, New Jersey.

This project encompasses the eastern portion of Delaware Bay from Cape May, latitude $38^{\circ}55'00''$, north to Bridgeton, latitude $39^{\circ}26'30''$ and from Stone Harbor, longitude $74^{\circ}43'00''$ west to the Cohansey River, longitude $75^{\circ}20'00''$.

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

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

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

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

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

Field edit for this map 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.

FIELD INSPECTION

TP-00260

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

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

21. Area Covered

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

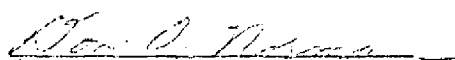
24. Supplemental Data

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

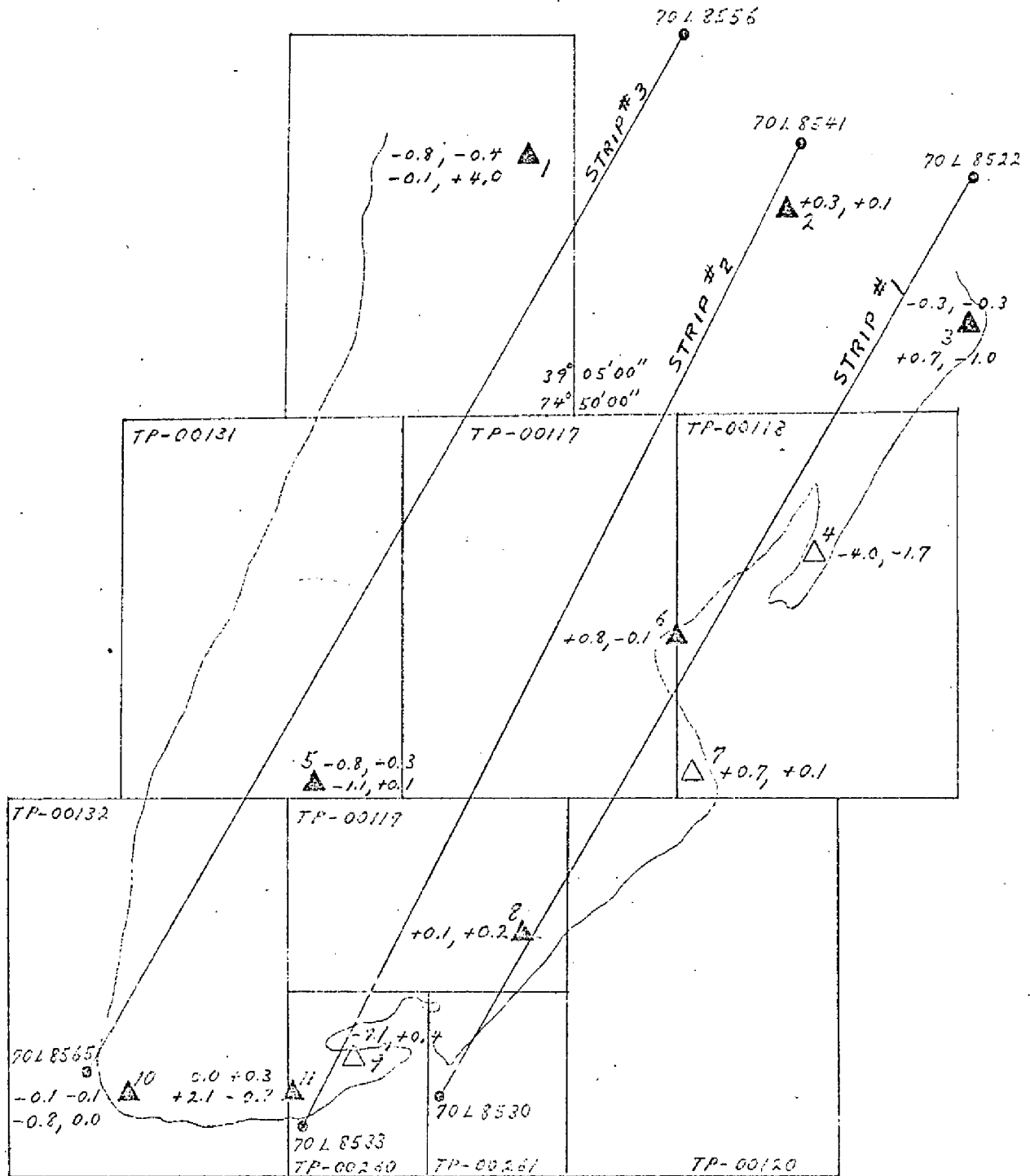
Approved and forwarded,


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

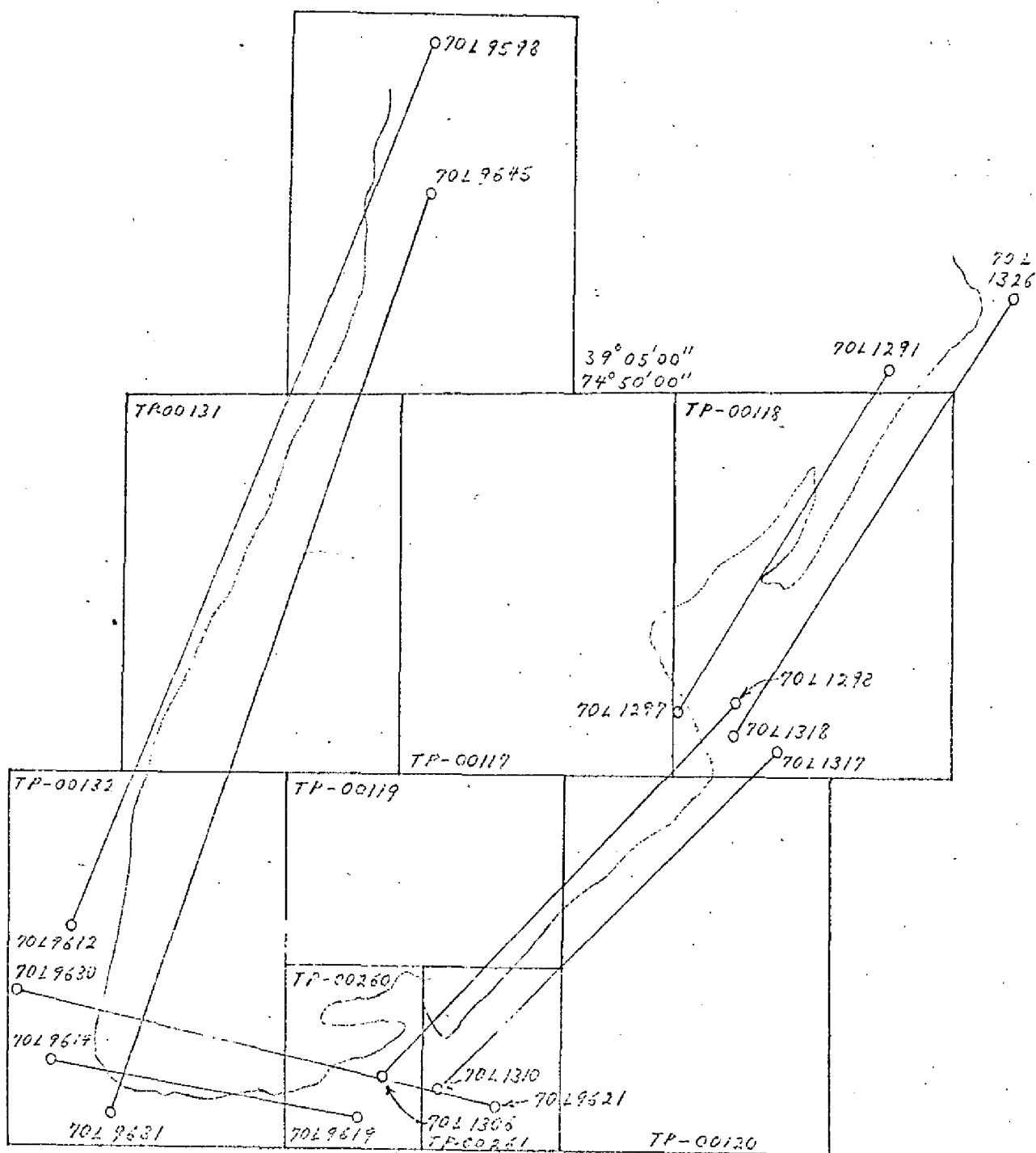
AEROTRIANGULATION SKETCH
 DELAWARE BAY
 PH-7002
 BRIDGING PHOTOGRAPHY
 1 40000
 Feb., 1971



AEROTRIANGULATION SKETCH
DELAWARE BAY
PH-7002

RATIO PHOTOGRAPHS
1:20000

Feb., 1971



DESCRIPTIVE REPORT CONTROL RECORD

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

COMPILATION REPORT

TP-00260

31 - DELINEATION

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

There was no field inspection.

32 - CONTROL

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

33 - SUPPLEMENTAL DATA

None.

34 - CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage has been delineated from office interpretation of the photographs.

35 - SHORELINE AND ALONGSHORE DETAILS

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

36 - OFFSHORE DETAILS

Offshore detail was compiled from office interpretation of the photographs.

37 - LANDMARKS AND AIDS

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

38 - CONTROL FOR FUTURE SURVEYS

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

See item 49 "NOTES FOR THE HYDROGRAPHER".

TP-00260

39 - JUNCTIONS

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

40 - HORIZONTAL AND VERTICAL ACCURACY

See item #32.

46.- COMPARISON WITH EXISTING MAPS

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

47 - COMPARISON WITH NAUTICAL CHARTS

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

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

B. J. Pate

R. J. Pate
Cartographic Technician
June 3, 1971

Approved,

J. L. Byrd, Jr.

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



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

This sheet was field edited during the 1972 Summer Season.

52. ADEQUACY OF COMPILATION

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

54. RECOMMENDATIONS

None

56. SHORELINE AND ALONGSHORE FEATURES

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

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

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

58. LANDMARKS AND AIDS

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

59. GENERAL STATEMENT

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

Respectfully Submitted;

Arthur R. Bricknell
Surveying Technician.

REVIEW REPORT
SHORELINE

TP-00260

61. GENERAL STATEMENT

See Summary included with this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

Not applicable.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

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

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

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

65. COMPARISON WITH NAUTICAL CHARTS

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

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Submitted by,

Lowell O. Neterer, Jr.

Lowell O. Neterer, Jr.

Final Reviewer

Approved for forwarding,

Billy H. Barnes

Billy H. Barnes

Chief, Photogrammetric Section, AMC

Approved,

Chief, Photogrammetric Section, Rockville

Chief, Photogrammetry Branch

May 2, 1983

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00260

Atlantic Ocean

Cape Creek

Cape May (locale)

Cape May Canal

Cape May Harbor

Cedar Creek

Cedar Island

Ford Creek

Schellenger Creek

Schellenger Landing

Sewell Point

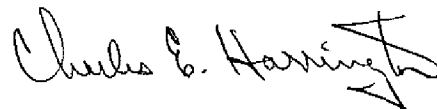
Skunk Sound

Spicer Creek

Spicer Creek Canal

Upper Thorofare

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

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-2-6-1 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 II. 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.	

(4)

Replaces C&GS Form 567.

NONFLOATING AIDS ~~ON~~ ~~END~~ ~~MARKS~~ FOR CHARTS

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

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

ORIGINATING ACTIVITY

- ORGANIZING 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 Section AMC, Norfolk, VA	New Jersey	Delaware Bay	Oct. 1975

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-00260	N.A. 1927	POSITION

CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	LATITUDE		LONGITUDE			OFFICE	
		°	'	D.M. Meters	°	'		D.P. Meters
LIGHT	CAPE MAY CANAL EAST END ENTRANCE LIGHT	38	57	07.98	74	54	10.22	70L(C) 9624 March 11, 1970
				246			246	
LIGHT	CAPE MAY HARBOR RANGE FRONT LIGHT	38	57	14.82	74	52	42.69	70L(C) 1305 April 8, 1970
				457			1028	

[illegible][illegible][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 ACTIVITIES	<input type="checkbox"/> OFFICE ACTIVITY REPRESENTATIVE <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 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.	

