

TP- 00131

TP- 00131

NOAA FORM 76-35 (3-75) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY	
<h2>DESCRIPTIVE REPORT</h2>	
<i>Map No.</i> TP-00131	<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> MIAMI BEACH	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 19 70 TO 19 75 </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.		TYPE OF SURVEY <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED		SURVEY TP. 00131 MAP EDITION NO. (1) MAP CLASS FINAL JOB PH. 7002	
DESCRIPTIVE REPORT - DATA RECORD				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__			
PHOTOGRAMMETRIC OFFICE Coastal Mapping Unit Atlantic Marine Center, Norfolk, VA				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) Mar. 17, 1971 Compilation (Part II) May 5, 1972 Amendment I Mar. 28, 1975 Supplement I Apr. 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 New Jersey ZONE			
5. SCALE 1:10,000				STATE ZONE			
III. HISTORY OF OFFICE OPERATIONS							
OPERATIONS				NAME		DATE	
1. AEROTRIANGULATION BY				D. Norman		Feb. 1971	
METHOD: Analytic LANDMARKS AND AIDS BY				H. Eichert		Feb. 1971	
2. CONTROL AND BRIDGE POINTS PLOTTED BY				D. Norman		Feb. 1971	
METHOD: Coradomat CHECKED BY				H. Eichert		Feb. 1971	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				C. Blood		May 1971	
COMPILATION CHECKED BY				R. R. White		May 1971	
INSTRUMENT: Wild B-8				CONTOURS BY		N.A.	
SCALE: 1:10,000				CHECKED BY		N.A.	
4. MANUSCRIPT DELINEATION PLANIMETRY BY				C. Blood		June 1971	
CHECKED BY				B. Wilson		July 1971	
METHOD: Smooth drafted				CONTOURS BY		N.A.	
CHECKED BY				N.A.			
SCALE: 1:10,000 HYDRO SUPPORT DATA BY				C. Blood		June 1971	
CHECKED BY				B. Wilson		July 1971	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				B. Wilson		July 1971	
6. APPLICATION OF FIELD EDIT DATA BY				J. R. Minton		Sept. 1975	
CHECKED BY				F. P. Margiotta		Sept. 1975	
7. COMPILATION SECTION REVIEW BY				F. P. Margiotta		Sept. 1975	
8. FINAL REVIEW BY				L. O. Neterer, Jr.		Oct. 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	

COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8"L" f=152.21mm		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE <input type="checkbox"/> PREDICTED TIDES <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Eastern MERIDIAN 75th <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
*70L(C)9604 - 9609	Mar.11,1970	14:10	1:20,000	2.6 ft. above MLW	
*70L(C)9637 - 9641	Mar.11,1970	14:34	1:20,000	1.6 ft. above MLW	
**70L(C)8560 - 8562	Sept.29,1970	9:30	1:40,000	4.5 ft. above MLW	

REMARKS *Hydro support photographs - centers shown on map.
 **Bridging and compilation photographs - centers not shown on the map.

2. SOURCE OF MEAN HIGH-WATER LINE:

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

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

Not applicable.

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

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

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
TP-00130	TP-00117	TP-00132 & TP-00119	No Survey

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	
	LOCATED (Field Methods) BY	
	IDENTIFIED BY	
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	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED
Paneled2. VERTICAL CONTROL IDENTIFIED
Inapplicable

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
70L(C)8562	CAPE MAY COUNTY AIRPORT, CHECKERED WATER TANK, 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)

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY		
2. HORIZONTAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	R. S. Tibbetts Pre-marked	Aug. 15, 1975 1970
3. VERTICAL CONTROL RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY	 N.A.	
4. LANDMARKS AND AIDS TO NAVIGATION RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY IDENTIFIED BY	 R. D. Wells	 May 30, 1975
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	None	

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(C)9604, 05, 06, 07; 70L(C)9642 and 70L(C)9608			
4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED 70L(C)9642			
PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
70L(C)9642	TOWER		
5. GEOGRAPHIC NAMES: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	

7. SUPPLEMENTAL MAPS AND PLANS

None

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

Field edit report (in dup.)

1 NOAA Form 76-40

Note C&GS Form 152 forms and points 3123 - 3134 - 7 forms

1 Field Edit Ozalid

NOAA FORM 76-36D
(3-72)

TP-00131

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

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 sent.	July 28, 1971
Field edit applied, compilation complete	Sept. 1975	Class I manuscript	June 7, 1976	Oct. 15, 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	Landmark for charts:
1		Oct. 7, 1975	Aero aid for Charts (included with landmarks)

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

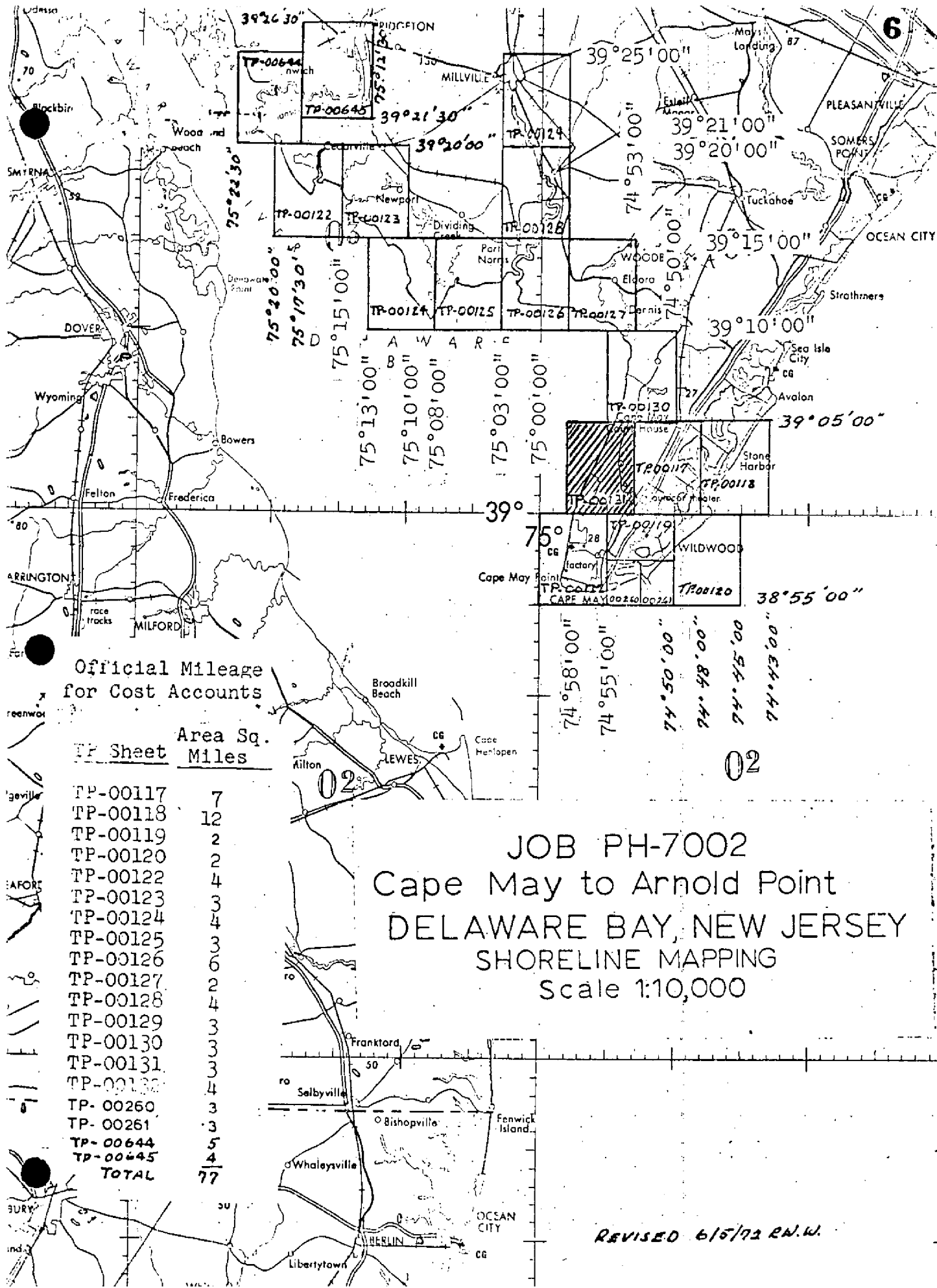
III. FEDERAL RECORDS CENTER DATA

1. ☐ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS ⁷⁶⁻⁴⁸ 107 308 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
	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



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00131

This 1:10,000 scale shoreline map is one of nineteen maps that comprise project PH-7002, Cape May to Arnold Point, Delaware Bay, New Jersey.

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

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

Color photography was taken using the "L" camera in March 1970 at 1:20,000 scale to be used by the field surveyor to identify photohydro 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. They were bridged by analytic aerotriangulation methods.

Field work was done prior to compilation in Spetember 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 July 1971.

Field edit for this map was completed in August 1975.

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

The Final Review was performed at the Atlantic Marine Center in October 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-00131

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

Photogrammetric Plot Report
Delaware Bay, New Jersey, Part 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.

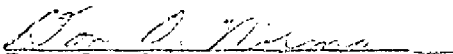
24. Supplemental Data

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

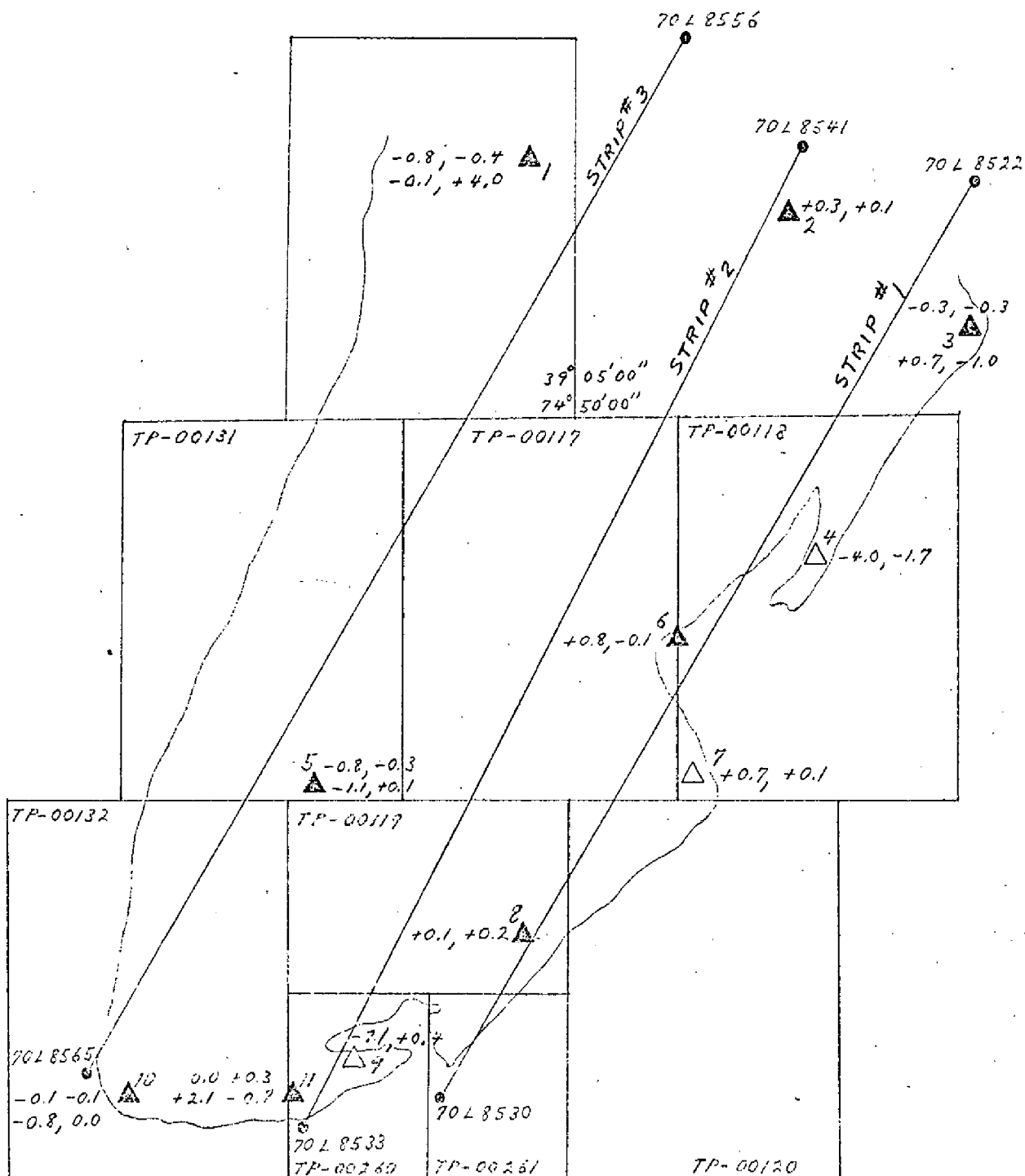
Approved and forwarded,


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

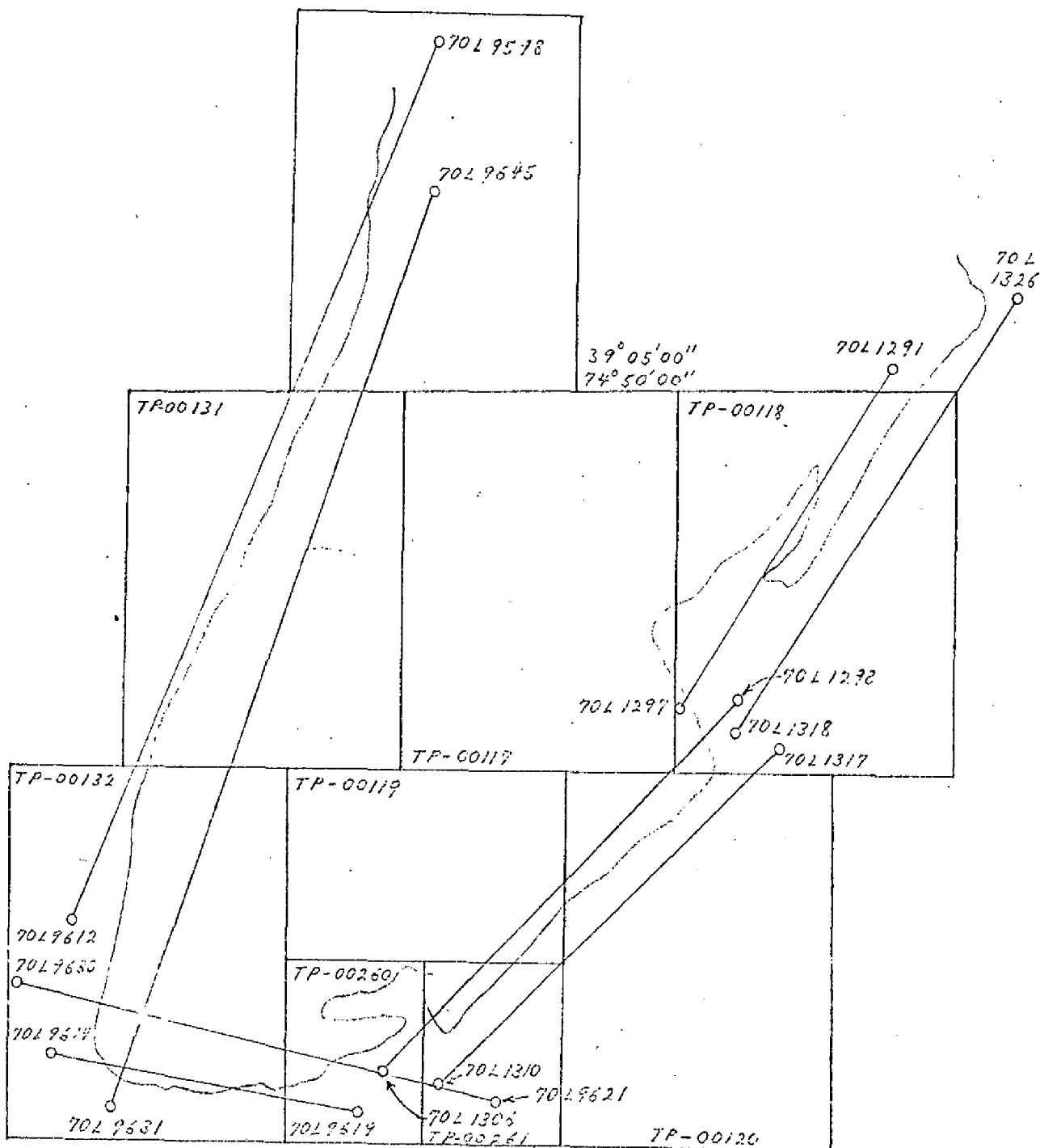
▲ control used in adjustment
△ control used as check

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.	STATION NAME	JOB NO.	GEODETIC DATUM		AEROTRI- ANGULATION POINT NUMBER	ORIGINATING ACTIVITY	
			PH-7002	N.A. 1927		COORDINATES IN FEET	GEOGRAPHIC POSITION
		SOURCE OF INFORMATION (Index)	STATE	ZONE		ϕ LATITUDE λ LONGITUDE	REMARKS
TP-00131	CAPE MAY COUNTY AIRPORT CHECKERED WATER TANK, 1962	390 743 Pg. 95	X=			ϕ 39°00'13.674"	
			Y=			λ 74°54'39.361"	
COXALL, 1933		G.P. Pg. 65	X=			ϕ 39°00'47.125"	
			Y=			λ 74°57'01.825"	
			X=			ϕ	
			Y=			λ	
			X=			ϕ	
			Y=			λ	
			X=			ϕ	
			Y=			λ	
			X=			ϕ	
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			X=			ϕ	
			Y=			λ	
			X=			ϕ	
			Y=			λ	
			X=			ϕ	
			Y=			λ	
COMPUTED BY A. C. Fauck, Jr.			COMPUTATION CHECKED BY Jim Bulfer				DATE 5/6/71
LISTED BY			LISTING CHECKED BY				DATE
HAND PLOTTING BY			HAND PLOTTING CHECKED BY				DATE

COMPILATION REPORT

TP-00131

31 - DELINEATION

Delineation was by the Wild B-8 stereoplotting instrument using 1:40,000 scale color photography, dated September 1970. Sufficient points were located common to the 1:20,000 scale color photos of March 11, 1970, to allow for the resection of the later photography on the manuscript. These were the only ratios supplied to the compilation office. No ratio photographs were provided for hydro support. The hydro signals were pre-selected and identified in the field. Their positions were plotted on the manuscript along with the bridge points. However, several of the hydro signals had to be relocated during compilation. Photographs provided adequate coverage. There was no field inspection.

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 mean high water line and alongshore details were compiled from office interpretation of the compilation photographs.

36 - OFFSHORE DETAILS

Offshore detail compiled from office interpretation of the compilation photography.

37 - LANDMARKS AND AIDS

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

COMPILATION REPORT

TP-001310111

38 - CONTROL FOR FUTURE SURVEYS

Pre-selected photo-hydro stations lie within the limits of this survey.
See listing in Item Number 49.

39 - JUNCTIONS

See Form 76-36B, Item Number 5, of this Descriptive Report concerning junctions.

40 - HORIZONTAL AND VERTICAL ACCURACY

See Item Number 32.

46 - COMPARISON WITH EXISTING MAPS

Comparison has been made with U.S.G.S. Quadrangle "RIO GRANDE, New Jersey", scale 1:24,000, dated 1956.

47 - COMPARISON WITH NAUTICAL CHARTS

Comparison has been made with Chart Number 1218, scale 1:80,000, seven-teenth edition, dated October 10, 1970.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by,

C.E. Blood
C. E. Blood
Cartographic Technician
June 24, 1971

Approved,

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

Field Edit Report
CAPE MAY TO ARNOLD POINT
JOB CM-7002
SHORELINE MAPPING
MAP TP-00131

GENERAL

This sheet junctions on the south with TP-00132 and on the north with TP-00130. The area has no major docking or mooring facilities except for small craft; the area includes sand and mud flats along much of the shore.

51. METHODS

This area was inspected from water and on shore. Angles and distances were taken with sextant and steel tape; reference points were selected and pricked on the field photographs and notes were recorded on the photographs and the C&GS Form 152's in this report. Five photographs were used: 70L(C)9604, 05, 06, 07 and 42.

52. ADEQUACY OF COMPILATION

Adequate after application of field edit information. There is only one minor deletion indicated on this sheet in the area of (y) 72,000. This had been indicated as a bulkhead. Other sections of the shoreline should be changed as indicated.

In the area (y) 67,000, pier lengths have been determined using photo points and angles. Refer to C&GS Form 152 for this information. Further additions of shore, inshore and marsh areas would be extraneous information.

Pier length seems to be the most changable feature as storms and especially winter weather takes a toll. Three objects are of navigational or landmark value; they are the following:

1. Cape May County Airport Checkered Water Tank
2. Cape May County Airport Aero Beacon
3. Signal Tower (Vicinity of Pierces Point-3122) on TP-00130

53. MAP ACCURACY

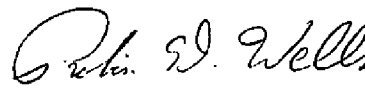
Only one area was measured for a test of map accuracy; that information is referred to in the above paragraph. Marsh areas were given a cursory inspection from nearby roads.

54. RECOMMENDATIONS

None

Approved and forwarded
8/15/75


Robert S. Tibbetts
Chief, Photo Party 62


Lt. J.G. Robin D. Wells
NOAA

REVIEW REPORT
SHORELINE

TP-00131

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: Rio Grande, New Jersey, dated 1956, scale 1:24,000.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

A comparison was made with a registered copy of hydrographic survey H-9533, scale 1:20,000, dated May to October 1975.

65. COMPARISON WITH NAUTICAL CHARTS

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

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This map complies with 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, AAMC

Approved,

Chief, Photogrammetric Section, Rockville

Chief, Photogrammetry Branch

May 2, 1983

GEOGRAPHIC NAMES

FINAL NAME SHEET

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

TP-00131

Cape May

Delaware Bay

Del Haven

Fishing Creek

Fishing Creek (locale)

Fulling Mill Stream

Green Creek

Highs Beach (locale)

King Crab Landing

Miami Beach (locale)

Norburys Landing

North Highlands Beach (locale)

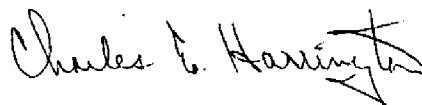
Pierces Point (locale)

Sunray Beach

Villas

Wildwood Highlands Beach (locale)

Approved by:



Charles E. Harrington
Chief Geographer
Nautical Charting Division

Replaces C&GS Form 567.

NON-FLUORATING 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)

<input checked="" type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED	REPORTING UNIT (If field Party, Ship or Office)	STATE	LOCALITY	DATE
	Coastal Mapping Unit AMC, Norfolk VA	New Jersey	Delaware Bay	Sept. 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
	PH-7002	TP-00131	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	
		° /	//	° /	//
					D.P. Meters

TANK	(Cape May County Airport Checkered Water Tank, 1962)	39 00	13.674	74 54	39,361
			421.7		947.1

BEACON	Cape May County Airport Rotating Lighted Aero Beacon, White and Green	39 00	11.17	74 54	34.53
			344		881

[illegible][illegible]

[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	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 L - Located V - Verified 1 - Triangulation 2 - Traverse 3 - Intersection 4 - Resection 5 - Field identified 6 - Theodolite 7 - Planetable 8 - Sextant P - Photogrammetric Vis - Visually 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.	

