TP-00261

TP-00261

NOAA FORM 76-35
(3-76)

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

DESCRIPTIVE REPORT

Map No.	*Edition No.*
TP-00261	1

Job No.
PH-7002

Map Classification
FINAL

Type of Survey
SHORELINE

LOCALITY

State
NEW JERSEY

General Locality
DELAWARE BAY

Locality
CAPE MAY INLET

19 70 TO 19 72

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: [X] ORIGINAL [ ] RESURVEY [ ] REVISED

SURVEY TP. 00261
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 PRECEEDING MAP EDITION
TYPE OF SURVEY: [ ] ORIGINAL [ ] RESURVEY [ ] REVISED
JOB PH.
MAP CLASS
SURVEY DATES: 19__ TO 19__

I. INSTRUCTIONS DATED

1. OFFICE		2. FIELD	
Aerotriangulation (Part I)	Nov. 27, 1970	Precompilation Field	July 22, 1970
Aerotriangulation (Part II)	Jan. 15, 1971		
Compilation (Part I)	March 17, 1971		
Compilation (Part II)	May 25, 1972		
Amendment I	March 28, 1975		
Supplement I	April 18, 1975		
Memo (Cancel field edit)	Dec. 14, 1979		
Memo (Completion Schedule)	June 22, 1981		

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] 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	BY	D. Norman	Feb. 1971
METHOD: Analytic	LANDMARKS AND AIDS BY	H. Eichert	Feb. 1971
2. CONTROL AND BRIDGE POINTS	PLOTTED BY	D. Norman	March 1971
METHOD: Coradomat	CHECKED BY	H. Eichert	March 1971
3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY	A. L. Shands	April 1971
	CHECKED BY	R. White	April 1971
INSTRUMENT: Wild B-8	CONTOURS BY	N.A.	
SCALE: 1:5,000	CHECKED BY	N.A.	
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	R. J. Pate	May 1971
	CHECKED BY	L. L. Graves	May 1971
METHOD: Smooth drafted	CONTOURS BY	N.A.	
	CHECKED BY	N.A.	
SCALE: 1:5,000	HYDRO SUPPORT DATA BY	R. J. Pate	May 1971
	CHECKED BY	L. L. Graves	May 1971
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	L. L. Graves	May 1971
6. APPLICATION OF FIELD EDIT DATA	BY	C. Blood	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

* U.S. G.P.O. 1972-769382/582 REG.#6

[redacted]

CAMERA(S) Focal length =152.21mm Wild RC-8 "L"	TYPES OF PHOTOGRAPHY LEGEND	TIME REFERENCE

NOAA FORM 76-36C
(3-72)

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

TP-00261

HISTORY OF FIELD OPERATIONS

I. [X] 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	Inapplicable	
	ESTABLISHED BY	Inapplicable	
	PRE-MARKED OR IDENTIFIED BY	Inapplicable	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED *(Triangulation Stations)* BY	R. S. Tibbetts	Sept. 1972
	LOCATED *(Field Methods)* BY	R. S. Tibbetts	Sept. 1972
	IDENTIFIED BY	A. R. Bricknell	Sept. 1972
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION [ ] COMPLETE [ ] SPECIFIC NAMES ONLY [ ] 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 [ ] NONE

6. 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)*

*U.S. GOVERNMENT PRINTING OFFICE:1977-765-092

ESSA FORM 76-36c
(2-70)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

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 ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☐ 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 8533 & 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 ☒ NONE

6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

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

2 Sheets Form 470
2 Sheets Form 24A
1 Field Edit Ozalid

NOAA FORM 76-36D
(3-72)

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

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, 1975
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

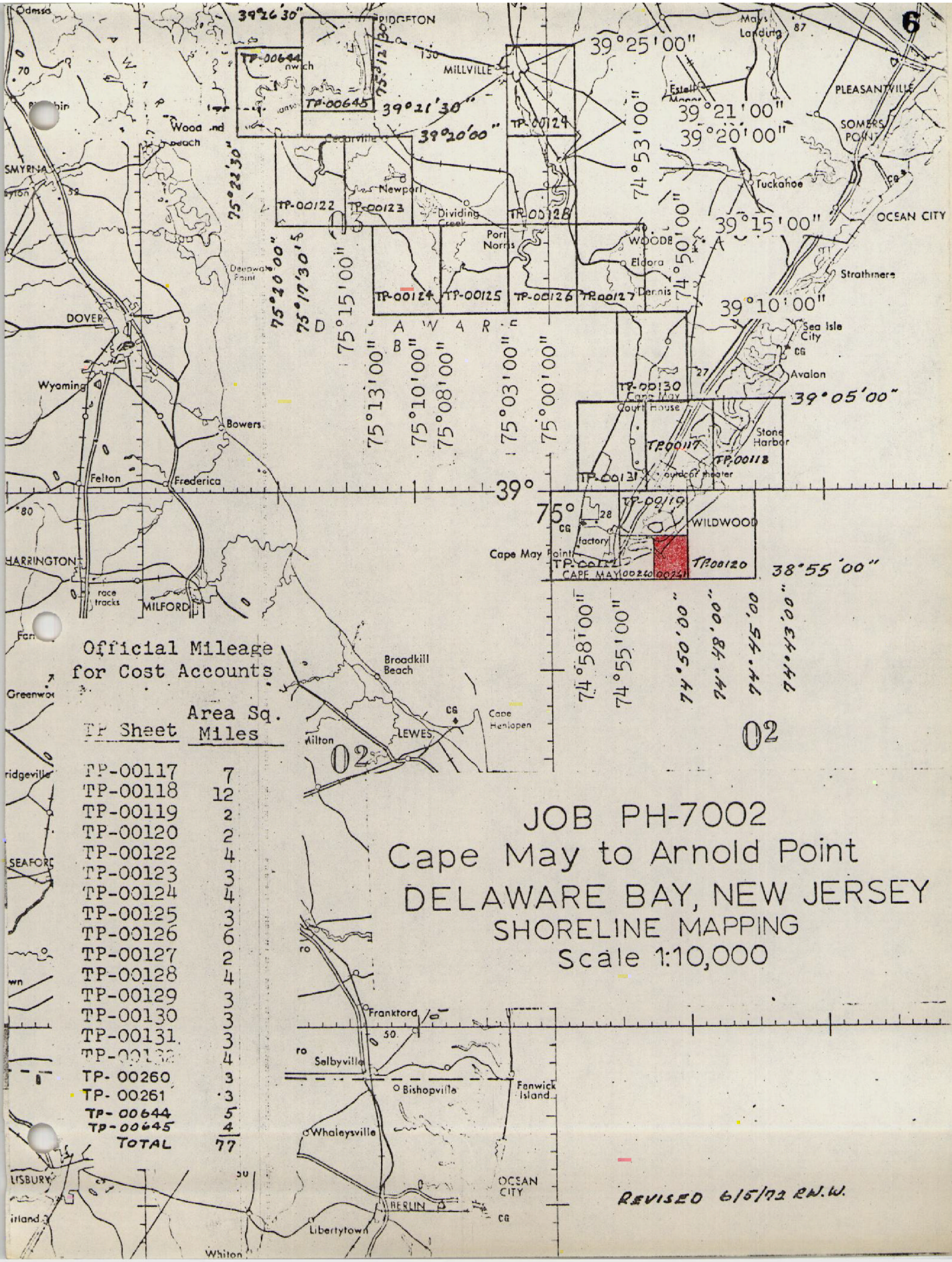
1. ☐ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM NOS. ~~9-X~~ SUBMITTED BY FIELD PARTIES.
3. ☒ SOURCE DATA *(except for Geographic Names Report)* AS LISTED IN SECTION II, NOAA FORM 76-36C. ACCOUNT FOR EXCEPTIONS: 76-40
4. ☒ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

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

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

NOAA FORM 76-36D

★U. S. GOVERNMENT PRINTING OFFICE: 1973--778075/1077 REGION NO. 6



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 6/15/72 RW.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°55'00", north to Bridgeton, latitude 39°26'30" and from Stone Harbor, longitude 74°43'00" west to the Cohensey 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 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 photograpy. 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.

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,

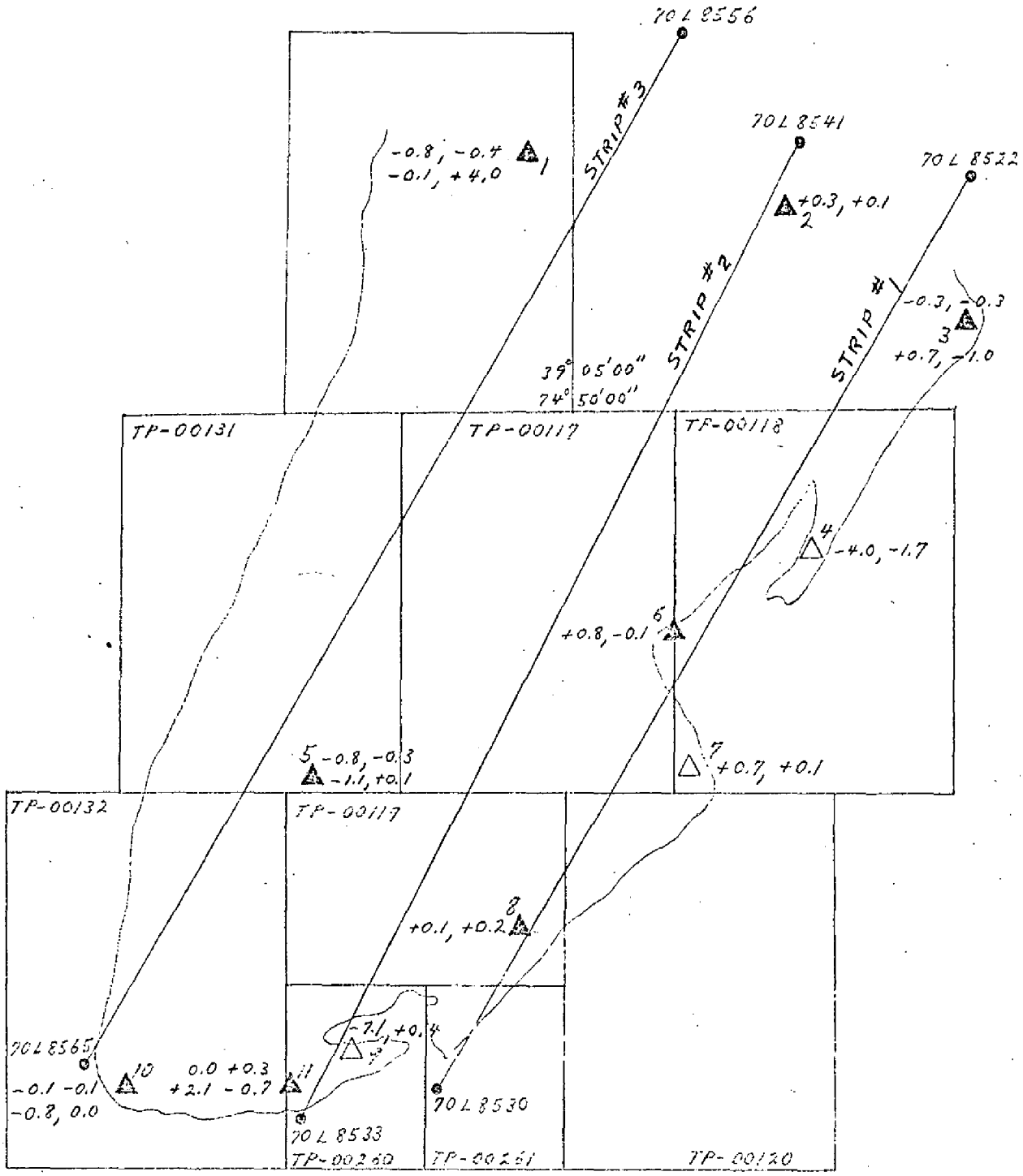
Henry P. Eichert
Chief, Aerotriangulation Section

1. ⚠ GOSHEN, 1933
   △ GOSHEN M.E. CHURCH STEEPLE, 1933
   office identified

2. ⚠ STITES, 1936

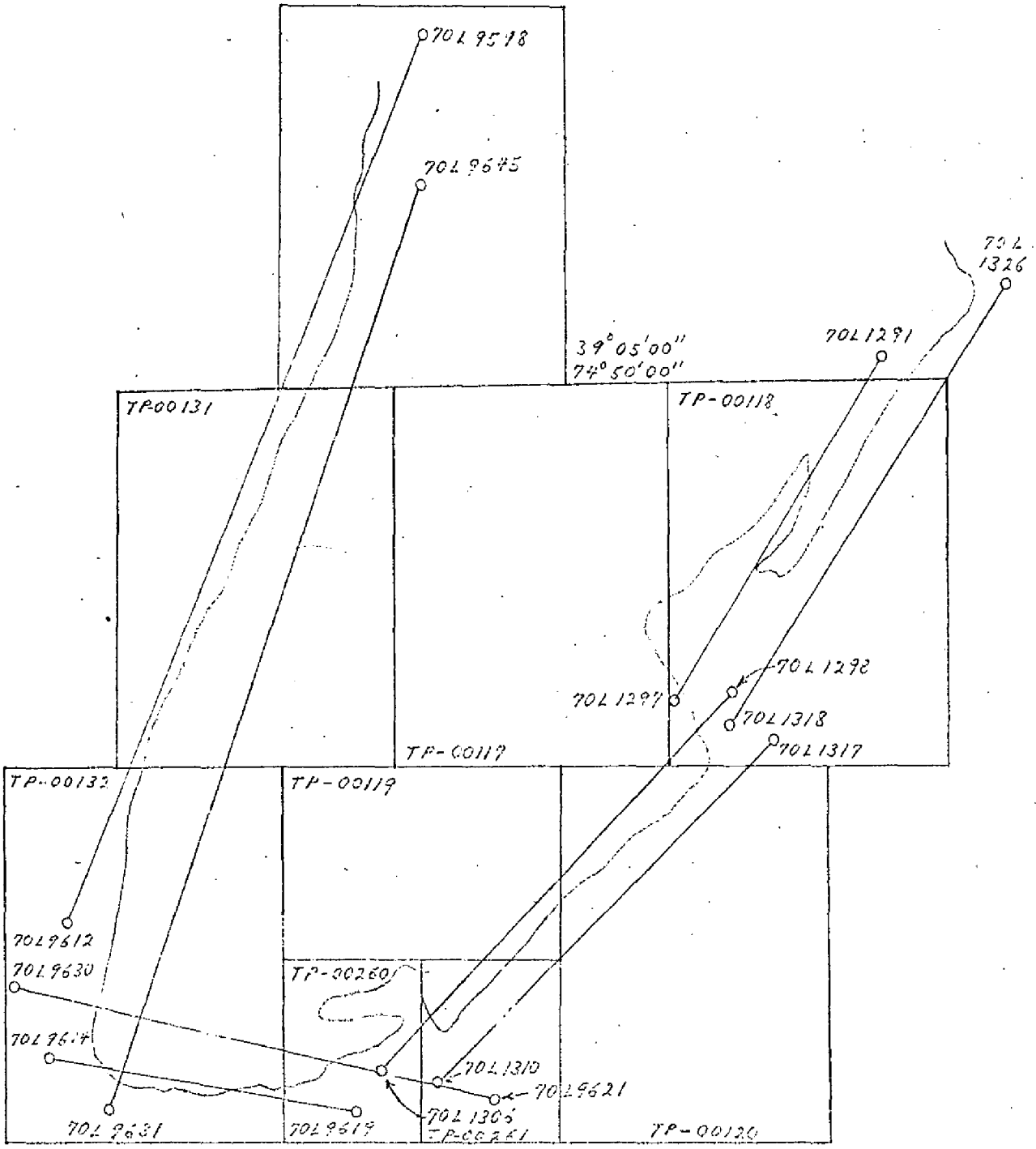
[redacted]

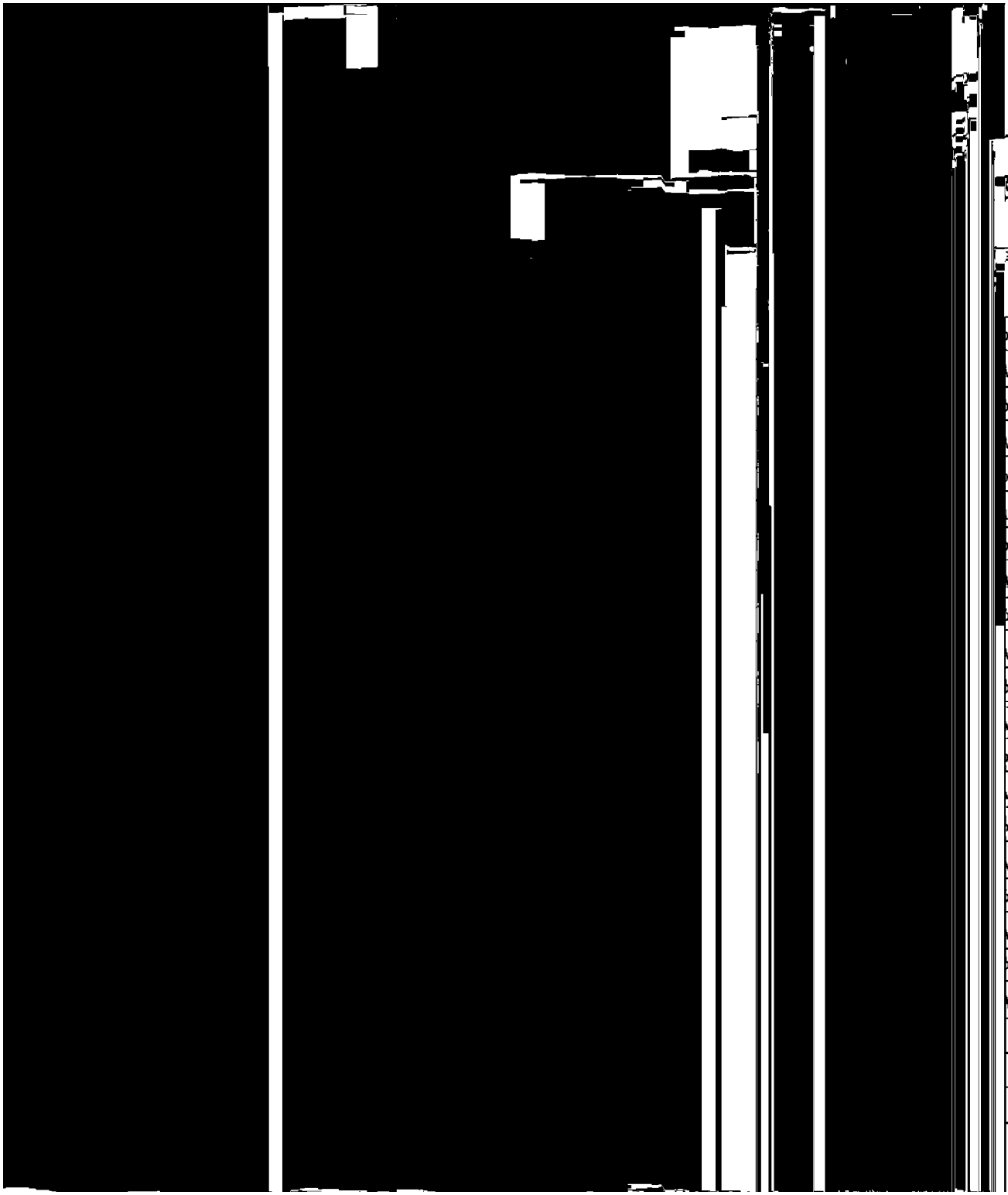
AEROTRIANGULATION SKETCH
DELAWARE BAY
PH-7002
BRIDGING PHOTOGRAPHY
1:40000
Feb., 1971



AEROTRIANGULATION SKETCH
DELAWARE BAY
PH-7002

RATIO PHOTOGRAPHS
1:20000
Feb., 1971





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

RD

ORIGINATING ACTIVITY
Coastal Mapping Unit, AMC

GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE	REMARKS
38°57'21.3638"	
74°52'26.3782"	
38°57'21.9558"	
74°51'13.0664"	
38°56'58.068"	
74°52'02.425"	
	DATE 4/6/71
	DATE
	DATE

IS OBSOLETE.

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
Cartographic Technician
May 4, 1971

Approved,

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

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

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

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

[redacted]

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.

Submitted by,
Lowell O. Neterer
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-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

Charles E. Harrington
Chief Geographer
Nautical Charting Division

NOAA FORM 76-40 (8-74)
Replaces C&GS Form 567.

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

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

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)

☒ TO BE CHARTED ☐ TO BE REVISED ☐ TO BE DELETED	REPORTING UNIT (Field Party, Ship or Office)	STATE	LOCALITY	DATE
	Coastal Mapping Unit, AMC, Norfolk, VA	New Jersey	Delaware Bay	Oct. 1975

The following objects HAVE [X] HAVE NOT [ ] been inspected from seaward to determine their value as landmarks.

OPR PROJECT NO.	JOB NUMBER	SURVEY NUMBER	DATUM
492	PH-7002	TP-00261	N.A. 1927

CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	POSITION LATITUDE ° ′	LATITUDE ″ D.M. Meters	POSITION LONGITUDE ° ′	LONGITUDE ″ D.P. Meters	METHOD AND DATE OF LOCATION (See instructions on reverse side) OFFICE	FIELD	CHARTS AFFECTED
TOWER	STEEL FRAME STRUCTURE ON BUILDING HT.=72 (75)	38 57	03.92 121	74 51	31.31 754	70L(C) 1303 April 8, 1970	P-5 70L(C) 1303	12316 12317 12304 12214
LORAN TOWER	(CAPE MAY U.S. COAST GUARD ELECTRONICS MAST 1, 1962)	38 56	58.068 1790	74 52	02.425 58.4	70L(C) 1304 April 8, 1970	Field inspec. Triang. Rec. Oct. 1970	

RESPONSIBLE PERSONNEL		
TYPE OF ACTION	**NAME**	**ORIGINATOR**
OBJECTS INSPECTED FROM SEAWARD	A. R. Bricknell	☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☐ OTHER *(Specify)*
POSITIONS DETERMINED AND/OR VERIFIED	A. R. Bricknell	FIELD ACTIVITY REPRESENTATIVE
	A. L. Shands	OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES		☐ REVIEWER ☐ 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

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

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

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

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.

☆ U. S. GPO:1975-0-665-080/1155

NOAA FORM 76-40
(8-74)

Replaces C&GS Form 567.

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

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

ORIGINATING ACTIVITY
- [ ] HYDROGRAPHIC PARTY
- [ ] GEODETIC PARTY
- [ ] PHOTO FIELD PARTY
- [X] COMPILATION ACTIVITY
- [ ] FINAL REVIEWER
- [ ] QUALITY CONTROL & REVIEW GRP.
- [ ] COAST PILOT BRANCH

(See reverse for responsible personnel)

- [X] TO BE CHARTED
- [ ] TO BE REVISED
- [ ] TO BE DELETED

REPORTING UNIT (Field Party, Ship or Office): Coastal Mapping Unit, AMC, Norfolk, VA

STATE: New Jersey

LOCALITY: Delaware Bay

DATE: Oct. 75

The following objects HAVE [X] HAVE NOT [ ] been inspected from seaward to determine their value as landmarks.

OPR PROJECT NO.: 492

JOB NUMBER: PH-7002

SURVEY NUMBER: TP-00261

DATUM: 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 ° ′	LATITUDE ″ D.M. Meters	LONGITUDE ° ′	LONGITUDE ″ D.P. Meters	METHOD AND DATE OF LOCATION (See instructions on reverse side) OFFICE	FIELD	CHARTS AFFECTED
RADIO BEACON		38 56	38.40 1184	74 52	19.57 472	70L(C) 1311 April 8, 1970	V-Vis. July 27, 1972	12316 12317 12304 12214
LIGHT	CAPE MAY INLET EAST JETTY LIGHT	38 56	11.71 361	74 51	44.05 1061		F-4-6-L July 27, 1972	"
LIGHT	CAPE MAY INLET WEST JETTY LIGHT	38 56	11.31 349	74 51	56.70 1366		F-4-6-L July 27, 1972	"

RESPONSIBLE PERSONNEL		
TYPE OF ACTION	**NAME**	**ORIGINATOR**
OBJECTS INSPECTED FROM SEAWARD	A. R. Bricknell	☐ PHOTO FIELD PARTY ☐ HYDROGRAPHIC PARTY ☐ GEODETIC PARTY ☒ OTHER *(Specify)* Field Editor
POSITIONS DETERMINED AND/OR VERIFIED	A. R. Bricknell	FIELD ACTIVITY REPRESENTATIVE
	A. L. Shands	OFFICE ACTIVITY REPRESENTATIVE
FORMS ORIGINATED BY QUALITY CONTROL AND REVIEW GROUP AND FINAL REVIEW ACTIVITIES		☐ REVIEWER ☐ 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

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

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

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

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.

FORM C&GS-8352
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. ______________________

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
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