

TP-00849

ORIGINAL

TP-00849

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey Shoreline

Job No. CM-7415 Map No. TP-00849

Classification No. Edition No. ... 1

Field Edited Map

LOCALITY

State Maryland

General Locality Baltimore Harbor

Locality Stony Creek

1974 TO 1975

REGISTRY IN ARCHIVES

DATE

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	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, VA OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		SURVEY TP. <u>00849</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB <u>CM-7415</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, VA OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		LAST PRECEDING 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 Compilation		2/07/75 3/12/75 August 16, 1974	
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 <u>Maryland</u> ZONE _____	
5. SCALE 1:10,000		STATE _____ ZONE _____	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION METHOD: <u>Analytic</u>		<u>I. Rayborn</u>	<u>4/75</u>
2. CONTROL AND BRIDGE POINTS METHOD: <u>Calcomp</u>		<u>R. Robertson</u> <u>R. Robertson</u>	<u>4/75</u> <u>4/75</u>
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: <u>Wild B-8</u> SCALE: <u>1:15,000</u>		<u>L. O. Neterer, Jr.</u> <u>R. Minton</u> <u>NA</u> <u>NA</u>	<u>7/75</u> <u>7/75</u>
4. MANUSCRIPT DELINEATION METHOD: <u>Smooth Drafted</u> SCALE: <u>1:10,000</u>		<u>Charles Parker</u> <u>L. O. Neterer, Jr.</u> <u>NA</u> <u>NA</u> <u>NA</u> <u>NA</u>	<u>8/75</u> <u>9/75</u>
5. OFFICE INSPECTION PRIOR TO FIELD EDIT		<u>L. O. Neterer, Jr.</u>	<u>9/75</u>
6. APPLICATION OF FIELD EDIT DATA		<u>I. Perkinson</u> <u>A. L. Shands</u>	<u>2/76</u> <u>3/76</u>
7. COMPILATION SECTION REVIEW		<u>A. L. Shands</u>	<u>3/76</u>
8. FINAL REVIEW		<u>C. H. Bishop</u>	<u>5/77</u>
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		<u>C. H. Bishop</u>	<u>5/77</u>
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		<u>J. B. Phillips</u>	<u>6/77</u>
11. MAP REGISTERED - COASTAL SURVEY SECTION		<u>R. T. Catler</u>	<u>7/77</u>

NOAA FORM 76-36B (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY			
TP-00849 COMPILATION SOURCES					
1. COMPILATION PHOTOGRAPHY					
CAMERA(S) Wild RC-8 "E" and RC-10 "C"		TYPES OF PHOTOGRAPHY LEGEND ☒ (C) COLOR ☐ (P) PANCHROMATIC ☐ (I) INFRARED		TIME REFERENCE ZONE Eastern MERIDIAN 75th	
TIDE STAGE REFERENCE Baltimore ☒ PREDICTED TIDES Fort Carroll ☐ REFERENCE STATION RECORDS ☐ TIDE CONTROLLED PHOTOGRAPHY				☒ STANDARD ☐ DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
74C(C)815 and 816*	10/05/74	10:55	1:30,000	0.8 ft. above MLW	
74C(C)801 and 802*	10/05/74	10:37	1:30,000	0.9 ft. above MLW	
REMARKS *Bridge and compilation photography					
2. SOURCE OF MEAN HIGH-WATER LINE:					
The MHWL was compiled from office interpretation of the above listed photographs.					
3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:					
None compiled.					
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	TP-00842 (1:5,000)	EAST	TP 00847 (1:5,000)	SOUTH	No
TP-00843 (1:5,000)		TP-00850 (1:10,000)		Contemporary Survey	WEST
					TP-00848 (1:10,000)
REMARKS The north half of TP-00849 is mapped at 1:5,000 scale on TP-00846 and TP-00847.					

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TP-00849

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	9/74
2. HORIZONTAL CONTROL	RECOVERED BY R. S. Tibbetts	9/74
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY R. S. Tibbetts	9/74
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None	
	LOCATED (Field Methods) BY None	
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
74C(C)815	LONG HILL FIRE TOWER, 1943		

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

None

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

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

7. SUPPLEMENTAL MAPS AND PLANS

None

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

1 Form 152 (CSI)

NOAA FORM 76-36C
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TP-00849

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	G. W. Jamerson	9/18/75
2. HORIZONTAL CONTROL	G. W. Jamerson	9/75
RECOVERED BY	NA	
ESTABLISHED BY	NA	
PRE-MARKED OR IDENTIFIED BY	NA	
3. VERTICAL CONTROL	NA	
RECOVERED BY	NA	
ESTABLISHED BY	NA	
PRE-MARKED OR IDENTIFIED BY	NA	
4. LANDMARKS AND AIDS TO NAVIGATION	G. W. Jamerson	10/75
RECOVERED (Triangulation Stations) BY	NA	
LOCATED (Field Methods) BY	G. W. Jamerson	9/75
IDENTIFIED BY		
5. GEOGRAPHIC NAMES INVESTIGATION		
TYPE OF INVESTIGATION		
☐ COMPLETE		
☒ SPECIFIC NAMES ONLY	G. W. Jamerson	10/75
☐ NO INVESTIGATION		
6. PHOTO INSPECTION	G. W. Jamerson	10/75
CLARIFICATION OF DETAILS BY		
7. BOUNDARIES AND LIMITS	NA	
SURVEYED OR IDENTIFIED BY		

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (Clarification of details)

NOS 5 Oct 74C(C)800, 801, 802, 815, 816, 817

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Data for objects verified by field methods are listed under 8. below.

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 Forms 76-40

Field Edit Report

Field Edit Ozalids (1 paper, 1 film)

NOAA FORM 76-36C
(3-72)

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00849
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.	8/75	Class III Manuscript Superseded	11/24/75	9/15/75
Field edit applied. Compilation complete.	2/76	Class I Manuscript Superseded	6/07/76	
Final Review	5/77		5/26/77	

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		7/02/76	Landmark for charts.
1		7/02/76	Aid for charts.

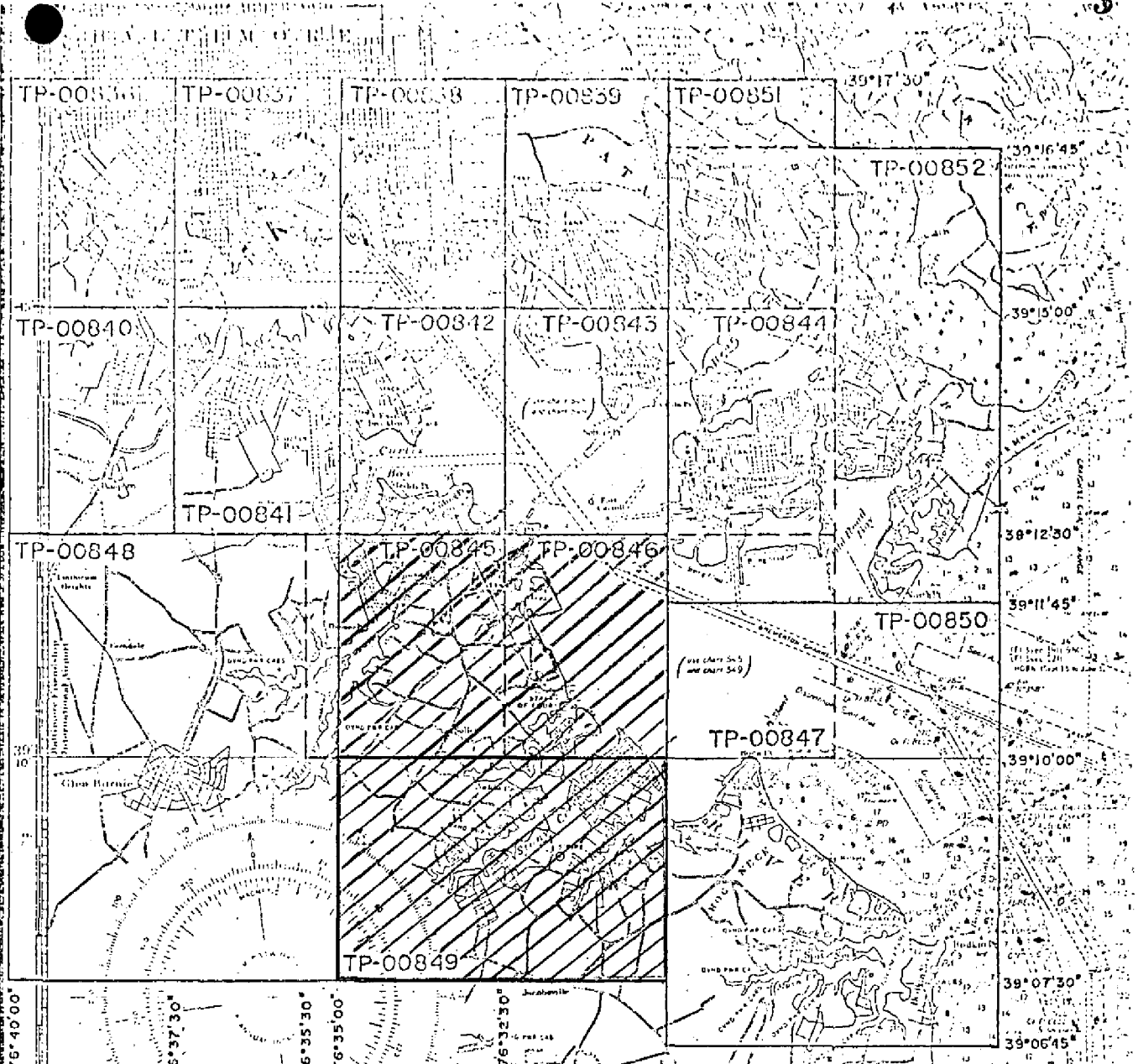
2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: July 2, 1976
 3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.
 2. ☒ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM ⁷⁶⁻⁴⁰~~105-102~~ 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 ☐ REVISED ☐ RESURVEY MAP CLASS ☐ 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	



Official Mileage for Cost Accounts

Sheet No.	Sq. Miles
TP-00836	1
TP-00837	4
TP-00838	2
TP-00839	1
TP-00840	2
TP-00841	2
TP-00842	4
TP-00843	2
TP-00844	3
TP-00845	4
TP-00846	2
TP-00847	1
TP-00848	3
TP-00849	9
TP-00850	6
TP-00851	2
TP-00852	11

TOTAL 59

JOB CM-7415
BALTIMORE HARBOR
MARYLAND
SHORELINE MAPPING
 SCALE 1:5,000
 & 1:10,000

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORTS

TP-00836 through TP-00852

Project CM-7415 covers the Patapsco River and Baltimore Harbor from the mouth of the river at Long. $76^{\circ}25'$ westward to and including the Inner Harbor. The part of Back River within the limits of Maps TP-00851 and TP-00852 is not included in the project and was not mapped. Seventeen maps - four at 1:10,000 scale and thirteen at 1:5,000 scale - are included in the project.

Field work prior to compilation consisted of recovery and pre-marking of horizontal control required for bridging. This work was done in September 1974.

Color photography was flown in October 1974. The entire area is covered by 1:30,000 scale photography, which was used for bridging and compilation of the 1:10,000 scale maps. Supplemental photography used for compilation of the 1:5,000 scale maps was flown at 1:15,000 scale. Black and white ratio prints at map scale were prepared from the color transparencies for office use and field edit operations.

Bridging was done by analytic methods in the Rockville Office in April 1975. See Photogrammetric Plot Report, which is Page 7 of this Descriptive Report.

Compilation was done by the Coastal Mapping Section at the Atlantic Marine Center from July to November 1975, using the Wild B-8 stereoplotter. The location of the mean high water line and other details were determined by office interpretation of the photographs.

Field edit was done by a photogrammetric field unit from September to November 1975 and applied to the manuscripts at the Atlantic Marine Center from December 1975 to February 1976.

All original manuscripts are stabilene sheets. The 1:5,000 scale maps are on a two and one-half minute format and the 1:10,000 scale maps are on a five minute format. The original manuscripts were forwarded to the Rockville Office for preparation of registration copies.

7

Photogrammetric Plot Report
Baltimore Harbor, Maryland
CM-7415
April 1975

21. Area Covered

The area covered by this report pertains to the shoreline of Baltimore Harbor, Baltimore, Maryland. This area is covered by thirteen 1:5,000 scale sheets, TP-00836 thru TP-00847, TP-00851, and four 1:10,000 scale sheets TP-00848 thru TP-00850 and TP-00852.

22. Method

Five strips of 1:30,000 scale color photography were bridged by analytic aerotriangulation methods. Sketch number 1 shows the layout of the sheets, compilation photographs, strips of bridging photographs, and the location of field identified control. Ties were made between all bridging strips. The strips were controlled by field identified control paneled in 1974 with the inclusion of one office identified station as a terminal for strip two. Office identified control was floated as checks. Common points were located between the bridging photography and the compilation photography to control the compilation and to determine the ratio scale. Points were located on the bridging photography to determine the ratio scale of the photographs that pertain to the 1:10,000 scale TP sheets. Data for ruling projection were furnished to the Calcomp to be plotted in the Maryland State plane coordinate system. 1:5,000 scale ratios were ordered for the 1:5,000 scale sheets and 1:10,000 scale ratios of the bridging photographs were ordered for the 1:10,000 scale sheets.

23. Adequacy of Control

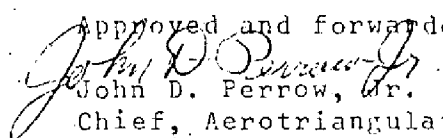
The control was adequate with the inclusion of office identified control. Geodesy could not furnish a position for Curb 2, 1971, in order to compute a sub point for that station. An office identified control station was used as a terminal for strip number two, in place of Curb 2, 1971.

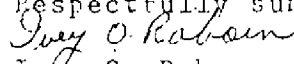
24. Supplemental Data

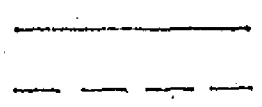
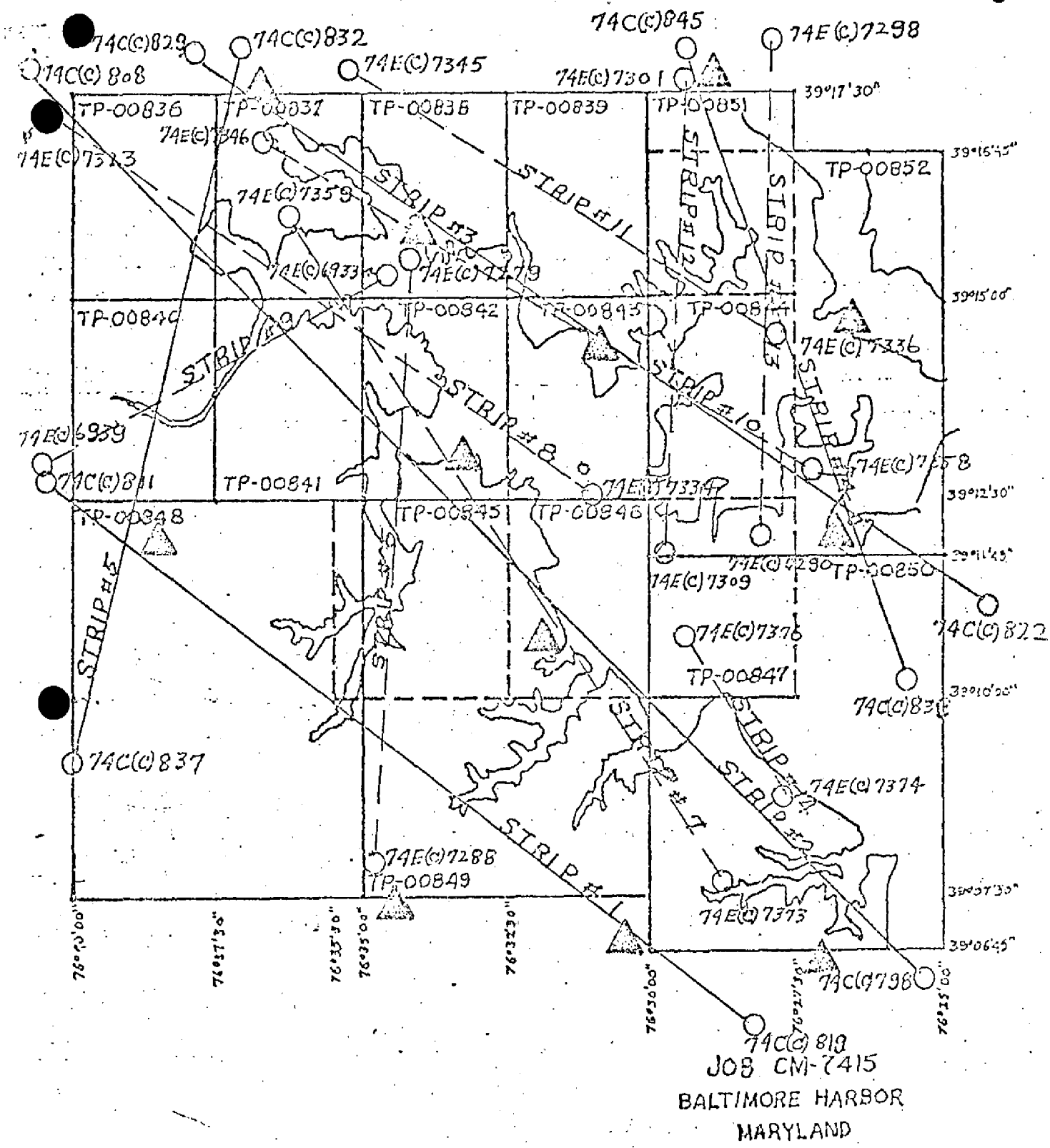
USGS Quadrangles were used to provide vertical control for the adjustment.

25. Photography

The photography was adequate as to coverage and overlap. Definition was poor due to haze at time of photography.

Approved and forwarded:

John D. Perrow, Jr.
Chief, Aerotriangulation Section

Respectfully submitted,

Ivey O. Raborn



BRIDGING PHOTOGRAPHY
COMPILATION PHOTOGRAPHY

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	GEODEIC DATUM		COORDINATES IN FEET STATE _____ ZONE _____	1927	ORIGINATING ACTIVITY		REMARKS FORWARD BACK
				CM-7415	NA			Geographic Position ϕ LATITUDE λ LONGITUDE	AMC	
TP-00849								Coastal Mapping Div., Norfolk, VA		
LONG HILL FIRE TOWER, 1943		G.P. Vol I P. 491			X=	ϕ	39 07	39.075	1205.0	(645.3)
					Y=	λ	76 34	27.699	665.3	(775.9)
					X=	ϕ				
					Y=	λ				
					X=	ϕ				
					Y=	λ				
					X=	ϕ				
					Y=	λ				
					X=	ϕ				
					Y=	λ				
					X=	ϕ				
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					X=	ϕ				
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					X=	ϕ				
					Y=	λ				
					X=	ϕ				
					Y=	λ				
					X=	ϕ				
					Y=	λ				
COMPUTED BY	Charles Parker				DATE	8/11/75	COMPUTATION CHECKED BY	David Butler	DATE	8/22/75
LISTED BY					DATE		LISTING CHECKED BY		DATE	
HAND PLOTTING BY					DATE		HAND PLOTTING CHECKED BY		DATE	

COMPILATION REPORT

TP-00849

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:30,000 scale color photography. The quality and coverage was adequate.

32. CONTROL:

See the attached Photogrammetric Plot Report dated April 1975.

33. SUPPLEMENTAL DATA:

None.

34. CONTOURS AND DRAINAGE:

Contours are not applicable to the project. Drainage was delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS:

Alongshore details were delineated by the Wild B-8 stereoplotter and by office interpretation of the photographs.

The mean high water line was delineated from the photographs.

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

Preliminary Forms 76-40 for Landmarks and/or Nonfloating Aids were prepared by the Compilation Office and forwarded to the Field Editor and/or Hydrographer for verification, location, or deletion in September 1975 and the final field edited forms were forwarded to the Rockville, Maryland Office on June 28, 1976.

38. CONTROL FOR FUTURE SURVEYS:

None.

39. JUNCTIONS:

See the attached Form 76-36B, Item #5 of the Descriptive Report concerning junctions.

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with the following USGS Quadrangle: CURTIS BAY, MD., scale 1:24,000, dated 1969.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with the following National Ocean Survey Chart: No. 12279, scale 1:40,000, 12th Edition, dated November 9, 1974.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

None.

ITEMS TO BE CARRIED FORWARD:

None.

Submitted by:

Albert C. Rauck, Jr. For
Charles Parker
Cartographic Aid
August 22, 1975

Approved:

Albert C. Rauck, Jr.
Albert C. Rauck, Jr.
Chief, Coastal Mapping Section, AMC

ADDENDUM TO THE COMPILATION REPORT

TP-00849

FIELD EDIT

Field edit was adequate. However, contrary to the field editor's report, there is no landmark bluff delineated on this manuscript. The bluff is at the south edge of TP-00846.

February 28, 1977

GEOGRAPHIC NAMES

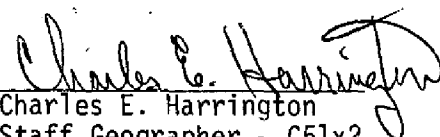
FINAL NAME SHEET

CM-7415 (Baltimore, Md.)

TP=00849

Back Cove	Patapsco River
Bar Harbor	Powhatan Beach
Beehive Cove	Riviera Beach
Big Burley Cove	Rock Creek
Cottage Grove Beach	Rock Hill Beach
Eli Cove	Rockview Beach
Green Haven	Sanders Park
High Point	Sloop Cove
Hog Neck	Stony Creek
Long Cove	Sunset Beach
Marley Neck	Tar Cove
Mt. Pleasant Beach	Wall Cove
Nabbs Creek	Water Oak Point
Old Glory Beach	Whites Cove

Approved by:


Charles E. Harrington
Staff Geographer - C51x2

NOAA FORM 75-74 (7-75)		U.S. DEPARTMENT OF COMMERCE NOAA NATIONAL OCEAN SURVEY	
PHOTOGRAMMETRIC OFFICE REVIEW			
TP - 00849			
1. PROJECTION AND GRIDS LON, Jr.	2. TITLE LON, Jr.	3. MANUSCRIPT NUMBERS LON, Jr.	4. MANUSCRIPT SIZE LON, Jr.
CONTROL STATIONS			
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY		6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY (Topographic stations) NA	7. PHOTO HYDRO STATIONS NA
8. BENCH MARKS NA	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT LON, Jr.	11. DETAIL POINTS LON, Jr.
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE LON, Jr.	13. LOW-WATER LINE XX	14. ROCKS, SHOALS, ETC. XX	15. BRIDGES XX
16. AIDS TO NAVIGATION LON, Jr.	17. LANDMARKS LON, Jr.	18. OTHER ALONGSHORE PHYSICAL FEATURES LON, Jr.	19. OTHER ALONGSHORE CULTURAL FEATURES LON, Jr.
PHYSICAL FEATURES			
20. WATER FEATURES LON, Jr.		21. NATURAL GROUND COVER NA	22. PLANETABLE CONTOURS NA
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES XX
CULTURAL FEATURES			
27. ROADS LON, Jr.	28. BUILDINGS LON, Jr.	29. RAILROADS XX	30. OTHER CULTURAL FEATURES LON, Jr.
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES LON, Jr.		34. JUNCTIONS LON, Jr.	35. LEGIBILITY OF THE MANUSCRIPT LON, Jr.
36. DISCREPANCY OVERLAY LON, Jr.	37. DESCRIPTIVE REPORT LON, Jr.	38. FIELD INSPECTION PHOTOGRAPHS XX	39. FORMS LON, Jr.
40. REVIEWER <i>Lowell O. Neterer, Jr.</i> Lowell O. Neterer, Jr.		SUPERVISOR, REVIEW SECTION OR UNIT <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
41. REMARKS (See attached sheet)			
FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT			
42. Additions and Corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.			
COMPILER <i>Irene Perkinson</i> Irene Perkinson	2/26/76	SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
REVIEWED A. L. Shands	3/09/76	Albert C. Rauck, Jr.	
43. REMARKS See Form 76-36C, HISTORY OF FIELD OPERATIONS, FIELD EDIT, Item #8.			



FIELD EDIT REPORT

TP-00849

Baltimore Harbor, Md.

51. METHODS

An inspection of all shoreline and alongshore features was made, and all deletions, additions, and corrections are either shown or referred to on the field edit ozalid. All field edit notes are in purple ink for additions and corrections and in green ink for deletions.

Searches by boat for reported features below the mean high water line were made. Because of the limited visibility into the water and lack of wire drag equipment, any negative findings noted in the field edit data should not be considered conclusive, unless otherwise stated. The latest hydrographic survey of the area should be consulted for more complete information.

Most of the field edit inspection was accomplished by boat. Features were located by either sextant fixes or photo identification.

52. ADEQUACY OF COMPILATION

Compilation was generally adequate. Some of the shoreline areas were compiled including overhanging trees thus giving the shoreline an irregular appearance. Some of these areas are indicated on the field edit ozalid. Bulkhead areas are revised somewhat in both Stony and Rock Creeks. Numerous wrecks are indicated on this sheet, very few of which are significant hazards to navigation because most are located adjacent to the shoreline. Many areas were questioned as to whether they were landmark bluffs. Only one area was indicated as a bluff area. Compilation will be complete with the application of field edit notes.

56. GEOGRAPHIC NAMES

No comprehensive investigation of geographic names was made, however several questions pertaining to geographic names were answered. No discrepancies were found while editing this sheet, other than the questions which were answered.



57. LANDMARKS AND AIDS TO NAVIGATION

There is one aid to navigation to be charted on this sheet,
Rock Creek Light 3.

There is one landmark to be charted on this sheet.

58. FIELD EDITOR

Field edit was performed by Lt. George W. Jamerson in October,
1975.

Respectfully submitted,

George W. Jamerson

George W. Jamerson
Lt. NOAA
October 7, 1975

REVIEW REPORT

TP-00849

SHORELINE

May 16, 1977

61. GENERAL STATEMENT:

See Summary, which is Page 6 of this Descriptive Report.

No comparison print was made for this map.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A visual comparison was made with a copy of Survey T-5324, 1:10,000 scale, mapped from photography of April and May 1934. In 43 years, numerous changes have occurred - some are due to erosion, some are man-made.

In the area compared, TP-00849 supersedes T-5324 for nautical chart construction purposes. T-5324 is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with USGS Quadrangle CURTIS BAY, MD., 1:24,000 scale, dated 1969. A wreck mapped on the quadrangle at Lat. $39^{\circ} 09' 35''$, Long. $76^{\circ} 31' 48''$ is not visible on the photographs and was not observed by the field editor. No other significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with the boatsheet for Survey H-9562 (AHP 10-5-75). At Lat. $39^{\circ} 08' 44''$, Long. $76^{\circ} 32' 49''$, two obstructions mapped as piers on the boatsheet were identified as wrecks by the field editor. This correction is reflected on the Class I and Final copies of Map TP-00849.

No other significant differences were noted.

65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 12278 (549), 1:40,000 scale, 43rd Edition, dated April 3, 1976.

A wreck at Lat. $39^{\circ} 09' 35''$, Long. $76^{\circ} 31' 50''$ is not visible on the photographs and was not found by the field editor. This is probably the same wreck that is mapped on the USGS quadrangle, but displaced because of scale.

The name "Sloop Cove" is misplaced on the chart.

No other significant differences were noted.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with Project Instructions and meets requirements for Bureau Standards and National Standards of Map Accuracy.

Submitted:

Charles H. Bishop

Charles H. Bishop
Cartographer
May 16, 1977

Approved for forwarding:

Joseph W. Vonasek

Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

[Signature]

Chief, Photogrammetric Branch

[Signature]

Chief, Coastal Mapping Division