

TP-00850

ORIGINAL

TP-00850

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-00850

Classification No. Edition No. 1

Field Edited Map

LOCALITY

State Maryland

General Locality Baltimore Harbor

Locality Bodkin Point

19 74 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		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">TYPE OF SURVEY</td> </tr> <tr> <td>☒ ORIGINAL</td> <td></td> </tr> <tr> <td>☐ RESURVEY</td> <td></td> </tr> <tr> <td>☐ REVISED</td> <td></td> </tr> </table>		TYPE OF SURVEY		☒ ORIGINAL		☐ RESURVEY		☐ REVISED			
TYPE OF SURVEY													
☒ ORIGINAL													
☐ RESURVEY													
☐ REVISED													
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, VA		SURVEY TP. <u>00850</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB <u>XPR</u> <u>CM-7415</u>											
OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">LAST PRECEDING MAP EDITION</td> </tr> <tr> <td colspan="2" style="text-align: center;">TYPE OF SURVEY</td> </tr> <tr> <td>☐ ORIGINAL</td> <td></td> </tr> <tr> <td>☐ RESURVEY</td> <td></td> </tr> <tr> <td>☐ REVISED</td> <td></td> </tr> </table>		LAST PRECEDING MAP EDITION		TYPE OF SURVEY		☐ ORIGINAL		☐ RESURVEY		☐ REVISED	
LAST PRECEDING MAP EDITION													
TYPE OF SURVEY													
☐ ORIGINAL													
☐ RESURVEY													
☐ REVISED													
I. INSTRUCTIONS DATED													
1. OFFICE		2. FIELD											
Aerotriangulation 2/07/75 Compilation 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) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">STATE Maryland</td> <td style="width: 50%;">ZONE</td> </tr> </table>		STATE Maryland	ZONE								
STATE Maryland	ZONE												
5. SCALE 1:10,000		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">STATE</td> <td style="width: 50%;">ZONE</td> </tr> </table>		STATE	ZONE								
STATE	ZONE												
III. HISTORY OF OFFICE OPERATIONS													
OPERATIONS		NAME	DATE										
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		I. Rayborn	4/75										
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Calcomp CHECKED BY		R. Robertson	4/75										
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 SCALE: 1:15,000 CONTOURS BY CHECKED BY		L. O. Neterer, Jr.	7/75										
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth Drafted CONTOURS BY CHECKED BY SCALE: 1:10,000 HYDRO SUPPORT DATA BY CHECKED BY		J. R. Minton	7/75										
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		Charles Parker	8/75										
6. APPLICATION OF FIELD EDIT DATA BY		F. Margiotta	8/75										
7. COMPILATION SECTION REVIEW BY		NA											
8. FINAL REVIEW BY		NA											
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		NA											
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		NA											
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		F. Margiotta	8/75										
		F. Mauldin	1/76										
		E. Margiotta	1/76										
		E. Margiotta	1/76										
		C. H. Bishop	5/77										
		C. H. Bishop	5/77										
		J. B. Phillips	6/77										
		R. J. Cater	7/77										

NOAA FORM 76-36B
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEYTP-00850
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-10 "C"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		X(C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Eastern	
☒ PREDICTED TIDES				☒ STANDARD	
☐ REFERENCE STATION RECORDS				MERIDIAN 75th	
☐ TIDE CONTROLLED PHOTOGRAPHY				☐ DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
74C(C)798-801*	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	EAST	SOUTH	WEST
TP-00852 (1:5,000)	No Contemporary Survey	No Contemporary Survey	TP-00849

REMARKS

TP-00850
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

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

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

None

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

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)

None

TP-00850

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	RECOVERED BY G. W. Jamerson	9/75
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
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 G. W. Jamerson	9/75
	LOCATED (Field Methods) BY	
	IDENTIFIED BY	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY G. W. Jamerson	9/75
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY NA	

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 74C798, 799, 800

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

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

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 Forms 76-40
1 Field Edit Report
2 Field Edit Ozalids (1 paper, 1 film)

NOAA FORM 76-36D
(3-72)TP-00850
RECORD OF SURVEY USEU. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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	9/03/75
Field edit applied. Compilation complete.	1/76	Class I Manuscript Superseded	6/07/76	
Final Review	5/77		5/24/77	

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	Landmarks for charts.
1		7/02/76	Aids for charts.
1		7/02/76	Aids for deletion.

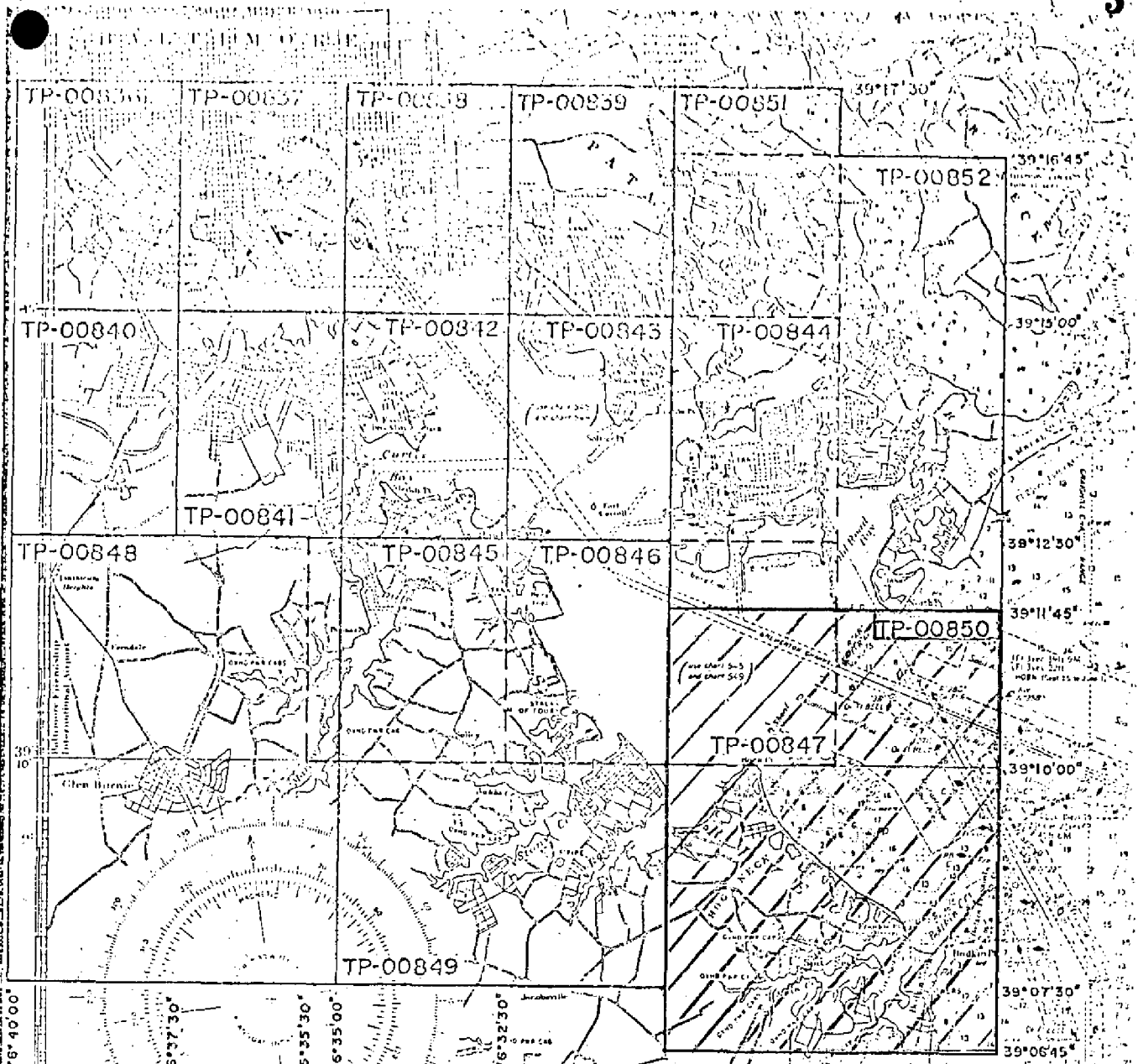
2. ☒ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: July 2, 1976
 3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: _____

III. FEDERAL RECORDS CENTER DATA

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

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

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



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

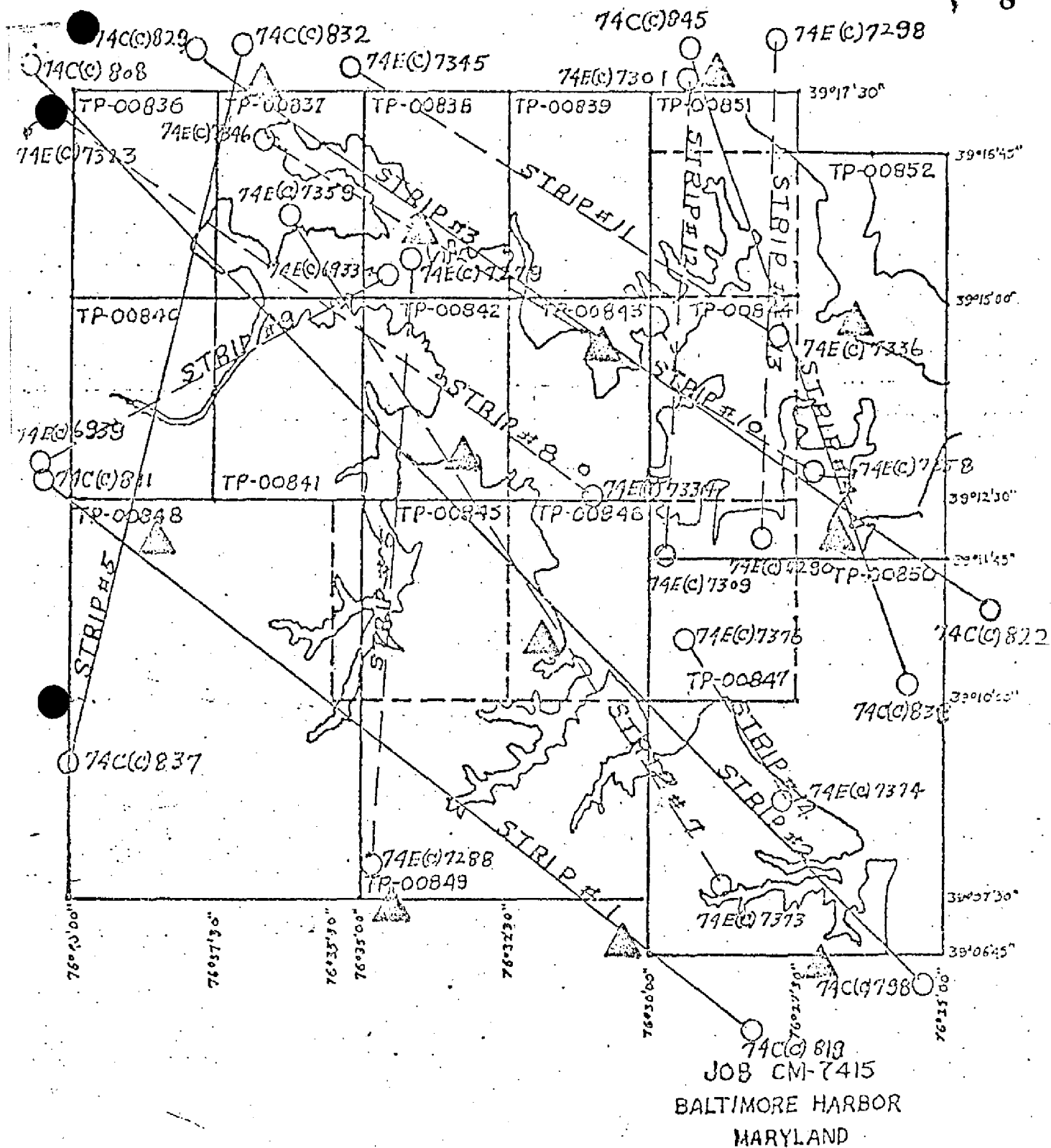
The photography was adequate as to coverage and overlap. Definition was poor due to haze at time of photography.

Approved and forwarded:

John D. Perrow, Jr.
John D. Perrow, Jr.
Chief, Aerotriangulation Section

Respectfully submitted,

Ivey O. Raborn
Ivey O. Raborn



BRIDGING PHOTOGRAPHY
COMPILED PHOTOGRAPHY

COMPILATION REPORT

TP-00850

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:30,000 scale color matte photos. Photo centers are approximate and control 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:

Wrecks and piling.

37. LANDMARKS AND AIDS:

Preliminary Form 76-40's 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 Quadrangles: SPARROWS POINT, MD., scale 1:24,000, dated 1969 and GIBSON ISLAND, MD., scale 1:24,000, dated 1954 and photo-revised in 1970.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with the following National Ocean Survey Charts: No. 12273, scale 1:80,000, 26th Edition, dated February 8, 1975 and 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 8, 1975

Approved:

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

ADDENDUM TO THE COMPILATION REPORT

TP-00850

FIELD EDIT

No height was reported for two wrecks and one landmark.

Bulkhead limits on Hog Neck, between Rock Point and Frankie Point, were not well defined.

February 28, 1977

GEOGRAPHIC NAMES

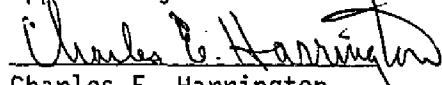
FINAL NAME SHEET

CM-7415 (Baltimore, Md.)

TP-00850

Alpine Beach	Letha Ponds
Ashlar Pond	Little Marsh Point
Back Creek	Locust Cove
Back Creek Point	Main Creek
Bayside Beach	Mathias Cove
Big Marsh Point	Old Bee Point
Bodkin Creek	Old Landen Point
Bodkin Neck	Orchard Point
Bodkin Point	Patapsco River
Boyd Pond	Paradise Beach
Cedar Point	Perry Cove
Chesapeake Bay	Pinehurst
Fairview	Rock Point
Frankie Point	Spit Neck
Goose Cove	The Hammock
Graveyard Point	Venice on the Bay
Hickory Point	Wall Cove
Hines Ponds	Wharf Creek
Jubb Cove	White Pond

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 - 00850			
1. PROJECTION AND GRIDS FPM	2. TITLE FPM	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
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 XX	10. PHOTOGRAMMETRIC PLOT REPORT FPM	11. DETAIL POINTS FPM
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE FPM	13. LOW-WATER LINE XX	14. ROCKS, SHOALS, ETC. FPM	15. BRIDGES FPM
16. AIDS TO NAVIGATION FPM	17. LANDMARKS FPM	18. OTHER ALONGSHORE PHYSICAL FEATURES FPM	19. OTHER ALONGSHORE CULTURAL FEATURES FPM
PHYSICAL FEATURES			
20. WATER FEATURES FPM		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
CULTURAL FEATURES			
27. ROADS FPM	28. BUILDINGS FPM	29. RAILROADS FPM	30. OTHER CULTURAL FEATURES FPM
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES FPM		34. JUNCTIONS FPM	35. LEGIBILITY OF THE MANUSCRIPT FPM
36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT FPM	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS FPM
40. REVIEWER <i>F. Margiotta</i> Frank Margiotta 8/75		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>Fay T. Mauldin</i> Fay T. Mauldin 1/76		SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
REVIEWER <i>Frank Margiotta</i> Frank Margiotta 1/76			
43. REMARKS See Form 76-36C, HISTORY OF FIELD OPERATION, FIELD EDIT, Item #8.			



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

FIELD EDIT REPORT

TP-00850

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 of the shoreline and alongshore features was generally adequate. Areas compiled as bulkhead are revised considerably by field edit as are areas of rip rap. These areas are indicated on the photographs, as are any additions of piers, piles, etc. Compilation will be complete when field edit notes are applied.

56. GEOGRAPHIC NAMES

No discrepancies were found while editing this sheet.

57. LANDMARKS AND AIDS TO NAVIGATION

There are nine aids to navigation to be charted on this sheet.

There are three landmarks to be charted on this sheet.

Forms 76-40 have been completed for the above.



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

58. FIELD EDITOR

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

Respectfully submitted,

George W. Jamerson

George W. Jamerson

Lt. NOAA

Sept. 16, 1975

NOAA FORM 76-40 (8-74)										U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION																			
NONFLOATING AIDS										FOR CHARTS																			
REPLACES C&GS FORM 567.					REPORTING UNIT (Field Party, Ship or Office)					LOCALITY					DATE														
☒ TO BE CHARTED ☐ TO BE REVISED ☐ TO BE DELETED					Coastal Mapping Div., A.M.C., Norfolk, Va.					Maryland					Baltimore Harbor					Jan. 1976									
The following objects HAVE ☒ BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS. OPR PROJECT NO. 514										JOB NUMBER CM-7415 SURVEY NUMBER TP-00850										DATUM N.A. 1927									
CHARTING NAME		DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)		LATITUDE		LONGITUDE		POSITION		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED																	
				D.M. Meters		D.P. Meters				OFFICE		FIELD																	
LIGHT	Bodkin Point, Shoal Light 3	39 08	11.03	76 25	04.33	104		74L(C)798	Oct. 5, 1974	P-8-V	Sept. 1975	12273	12279																
LIGHT	Bodkin Creek Entrance Light 7	39 08	14.35	76 25	56.22	1350		"	"	"	"	"	"																
DAYBEACON	Bodkin Creek Daybeacon 9	39 08	02.76	76 26	08.70	209		74L(C)799	Oct. 5, 1974	P-4-8-L	Sept. 1975	12279																	
DAYBEACON	Bodkin Creek Daybeacon 10	39 08	04.80	76 26	08.24	198		"	"	"	"	"	"																
LIGHT	Bodkin Creek Light 11	39 07	58.05	76 26	21.24	510		74L(C)798	Oct. 5, 1974	P-8-V	Sept. 1975	12273	12279																
DAYBEACON	Bodkin Creek Daybeacon 12	39 07	35.12	76 26	40.26	967		"	"	P-4-8-L	Sept. 1975	12279																	
DAYBEACON	Bodkin Creek Approach Daybeacon 5	39 08	12.35	76 25	26.86	645		"	"	"	"	12273	12279																

10

REVIEW REPORT

TP-00850

SHORELINE

May 18, 1977

61. GENERAL STATEMENT:

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

Bulkhead limits were not clearly defined by the field editor on Hog Island between Rock Point and Frankie Point. Limits were determined by office interpretation of the photographs, where necessary, during final review.

No comparison print was made for this map.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A visual comparison was made with copies of Surveys T-5339 and T-5424, both 1:10,000 scale and both mapped from photography of November 1933. Shoreline is generally the same.

There has been extensive residential development since the old surveys. Consequently, many cultural changes and additions along the shoreline - small piers, bulkheads, and a boat basin at Alpine Beach - have been added. The small marsh islet approximately 300 meters east-northeast of Bodkin Point no longer exists.

TP-00850 supersedes T-5339 and T-5424 for nautical chart construction purposes. T-5339 and T-5424 are the latest registered prior surveys of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with USGS Quadrangles SPARROWS POINT, MD., 1:24,000 scale, dated 1969 and GIBSON ISLAND, MD., 1:24,000 scale, dated 1954 and photorevised in 1970. Wrecks mapped on the Sparrows Point quadrangle are discussed in Paragraph 65. No other significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

No contemporary surveys were available from Bodkin Point southward. From Bodkin Point westward, a comparison was made

with the boatsheet for Survey H-9562 (AHP 10-5-75). No significant difference was 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.

The wreck charted in Wall Cove was reported by the ^{Well developed Hbr.} hydrographer to have been removed. ✓
Two Wks on N. Shore shown as Wks

A rock awash at Lat. $39^{\circ} 09' 49''$, Long. $76^{\circ} 29' 14''$ was not located by the field editor, who made a reference to the boatsheet for Survey H-9562. ✓

Piling charted on the east side of Rock Point, from approximately 300 to 600 meters south of the tip, are not visible on the photographs and were not found by the field editor. The editor located one group of poles approximately 700 meters southeast of the north tip of Rock Point. ^{subm piles}
Add. Poles

Piling at Lat. $39^{\circ} 08' 52''$, Long. $76^{\circ} 27' 33''$ are not visible on the photographs and were not found by the field editor. Charted Markers 1 and 2 at the same location were reported nonexistent by the field editor. ✓
Retain as is

A charted sunken wreck in Bodkin Creek, just south of The Hammock, is not visible on the photographs and was not found by the field editor. Retain Wk

A charted sunken wreck between Bodkin Creek Daybeacons 9 and 10 and the north shore of Bodkin Neck is not visible on the photographs and was not found by the field editor. Retain Wk

Charted sunken wrecks at Lat. $39^{\circ} 07' 50''$, Long. $76^{\circ} 25' 40''$ and Lat. $39^{\circ} 08' 00''$, Long. $76^{\circ} 25' 25''$ are not visible on the photographs and were not found by the field editor. Retain Wks

Ruins at $39^{\circ} 08' 00''$, Long. $76^{\circ} 25' 35''$ are not visible on the photographs and were not found by the field editor. Retain

A wreck close to shore at Pinehurst, Lat. $39^{\circ} 07' 03''$ is not visible on the photographs and was not found by the field editor. Retain

Rocks at Frankie Point are not visible on the photographs and were not found by the field editor. Retain

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 18, 1977

Approved for forwarding:

Joseph W. Vonasek

Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

John C. Long

Chief, Photogrammetric Branch

James C. Long

Chief, Coastal Mapping 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.

[illegible]