

TP-00852 ORIGINAL

TP-00852

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-00852

Classification No. Edition No. ...1

Field Edited Map

LOCALITY

State Maryland

General Locality Baltimore Harbor

Locality Fort Howard

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 <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> RESURVEY <input type="checkbox"/> REVISED	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, VA OFFICER-IN-CHARGE Jeffrey G. Carlen, Cdr.		SURVEY TP. <u>00852</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB <u>XPB-CM-7415</u> 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__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation 2/07/75 Compilation 3/12/75		August 16, 1974	
II. DATUMS			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input checked="" 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 Maryland ZONE	
5. SCALE 1:10,000		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 R. Robertson	4/75 4/75
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 SCALE: 1:15,000 CONTOURS BY CHECKED BY		L. Neterer, Jr. R. Minton NA NA	8/75 8/75
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY METHOD: Smooth Drafted CONTOURS BY CHECKED BY SCALE: 1:10,000 HYDRO SUPPORT DATA BY CHECKED BY		I. Perkinson L. O. Neterer, Jr. NA NA NA NA	9/75 10/75
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		L. O. Neterer, Jr.	10/75
6. APPLICATION OF FIELD EDIT DATA BY		J. Roderick	2/76
7. COMPILATION SECTION REVIEW BY		A. L. Shands	3/76
8. FINAL REVIEW BY		A. L. Shands	3/76
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		C. H. Bishop	5/77
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		J. B. Phillips	6/77
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		R. T. Crater	7/77

TP-00852

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 R. S. Tibbetts	9/74
	LOCATED (Field Methods) BY	
	IDENTIFIED BY R. S. Tibbetts	9/74
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 NA	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

2. VERTICAL CONTROL IDENTIFIED

NA

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
74C(C)842	LYNCH, 1961		
74C(C)822	FORT HOWARD TANK, 1909		

3. PHOTO NUMBERS (Clarification of details)

None

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
74C(C)822	TANK		

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 Form 152's (CSI Card)

TP-00852

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION☒ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	George W. Jamerson	9/18/75
2. HORIZONTAL CONTROL	RECOVERED BY George 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 George W. Jamerson	10/75
	LOCATED (Field Methods) BY	
	Verified XXXXXX BY George W. Jamerson	
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 George W. Jamerson	10/75
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 74C839, 840, 841, 822, 823

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)

2 Form 76-40's

2 Field Edit Ozalids (1 paper, 1 film)

1 Field Edit Report

TP-00852
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.	9/15/75	Class III Manuscript Superseded	11/24/75	10/09/75
Field edit applied. Compilation complete.	2/09/76	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		7/76	Landmark for charts.
1		7/76	Aid for charts.

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____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 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	

UNITED STATES DEPARTMENT OF THE ARMY
HEADQUARTERS, ARMY
WASHINGTON, D. C. 20315

TP-00836

TP-00837

TP-00838

TP-00839

TP-00851

39°17'30"

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.

21. Area Covered

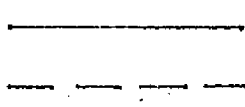
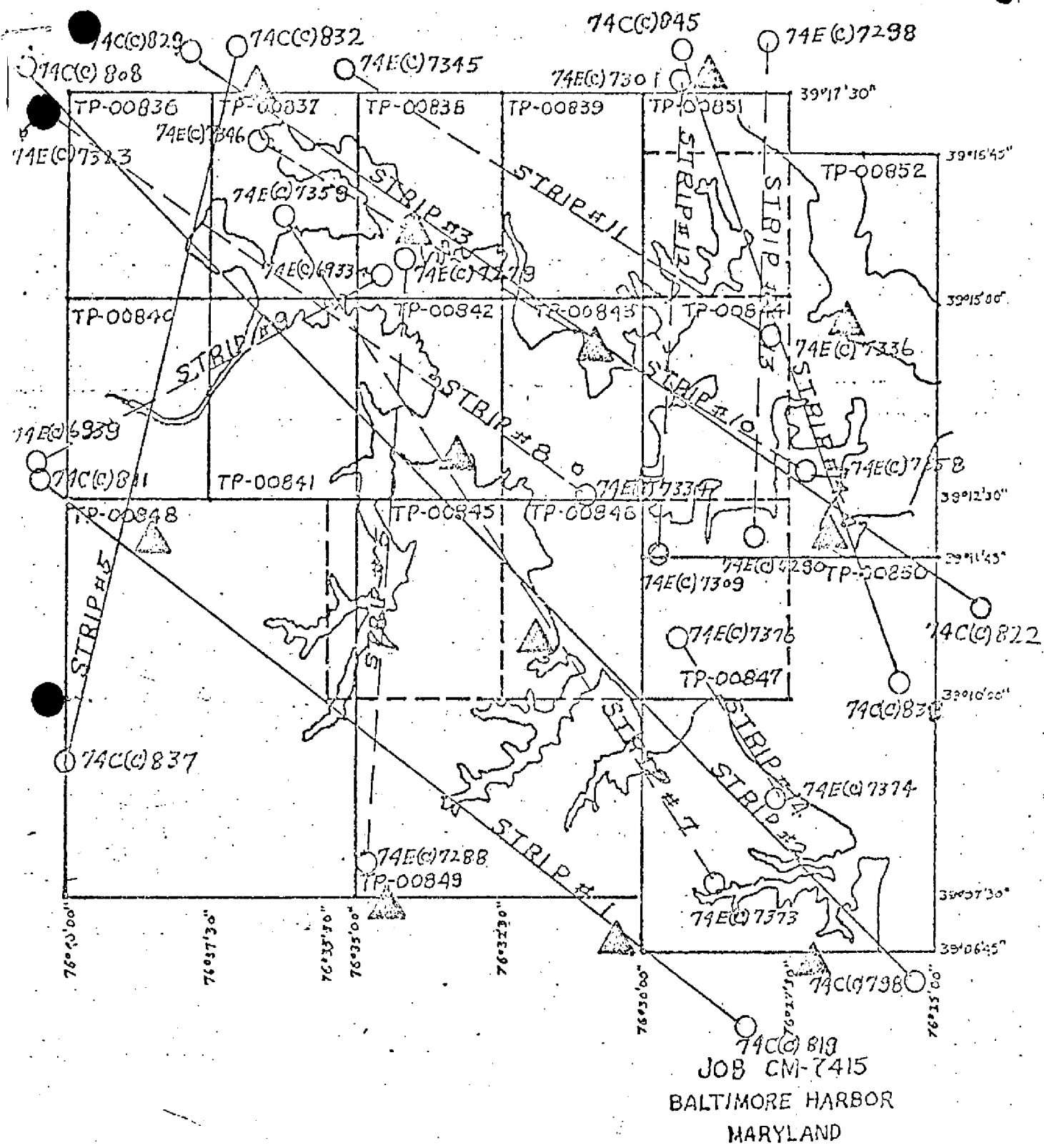
The area covered by this report pertains to the shoreline of Baltimore Harbor, Baltimore, Maryland. This area is covered by thirteen 1:5,000 scale sheets, TP-00836 thru TP-00847, TP-00851, and four 1:10,000 scale sheets TP-00848 thru TP-00850 and TP-00852.

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



BRIDGING PHOTOGRAPHY
COMPILATION PHOTOGRAPHY

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETIC DATUM		COORDINATES IN FEET STATE _____ ZONE _____	GEOGRAPHIC POSITION		ORIGINATING ACTIVITY		REMARKS	
					NA	1927		ϕ λ	ϕ LATITUDE λ LONGITUDE	Mapping Division, AMC Coastal	Mapping Division, Norfolk, VA	FORWARD	BACK
TP-00852	CM-7415	HOWARD 2, 1933	G.P. Vol I P. 24			X=	Y=	ϕ 39 11 46.308 λ 76 26 42.012	ϕ 39 11 46.308 λ 76 26 42.012	1428.1 (422.2)	1008.2 (431.6)		
		CUTOFF CHANNEL FRONT RANGE LIGHT, 1896	G.P. Vol I P. 316			X=	Y=	ϕ 39 11 49.020 λ 76 26 54.929	ϕ 39 11 49.020 λ 76 26 54.929	1511.7 (338.6)	1318.1 (121.7)		
		FORT HOWARD TANK, 1909	G.P. Vol I P. 65			X=	Y=	ϕ 39 12 08.617 λ 76 26 50.949	ϕ 39 12 08.617 λ 76 26 50.949	265.7 (1584.6)	1222.5 (217.2)		
		LYNCH 2, 1961	G.P. Vol II P. 459			X=	Y=	ϕ 39 14 45.448 λ 76 26 24.365	ϕ 39 14 45.448 λ 76 26 24.365	1401.5 (448.8)	584.3 (854.5)		
		SPARROW POINT, RHEEM MANUFACTURING COMPANY, TANK, 1952	G.P. Vol I P. 685			X=	Y=	ϕ 39 14 05.793 λ 76 27 26.688	ϕ 39 14 05.793 λ 76 27 26.688	178.6 (1671.7)	640.1 (799.0)		
		For additional control see TP-00844 and TP-00852				X=	Y=	ϕ	λ				
						X=	Y=	ϕ	λ				
						X=	Y=	ϕ	λ				
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COMPILATION REPORT

TP-00852

31. DELINEATION:

Compilation was done by Wild B-8, using color photography at 1:30,000 scale.

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 October 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 Quad-angle: SPARROWS POINT, 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:



Irene Perkinson
Cartographic Technician
September 15, 1975

Approved:



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

ADDENDUM TO THE COMPILATION REPORT

TP-00852

FIELD EDIT

The field edit was adequate and all questions asked were answered completely.

Joanne Roderick

J. Roderick

February 9, 1976

February 28, 1977

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7415 (Baltimore, Md.)

TP-00852

Black Marsh

Chesapeake Bay

Fort Howard

Jones Creek

North Point Creek

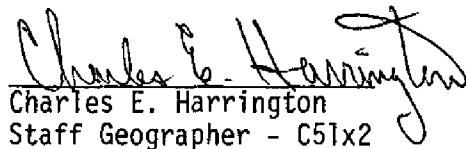
Old Road Bay

Patapsco River

Patapsco River Neck

Shallow Creek

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 - 00852			
1. PROJECTION AND GRIDS LON	2. TITLE LON	3. MANUSCRIPT NUMBERS ALS	4. MANUSCRIPT SIZE LON
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 LON	11. DETAIL POINTS LON
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE LON	13. LOW-WATER LINE XX	14. ROCKS, SHOALS, ETC. LON	15. BRIDGES XX
16. AIDS TO NAVIGATION LON	17. LANDMARKS LON	18. OTHER ALONGSHORE PHYSICAL FEATURES LON	19. OTHER ALONGSHORE CULTURAL FEATURES LON
PHYSICAL FEATURES			
20. WATER FEATURES LON	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 LON
CULTURAL FEATURES			
27. ROADS LON	28. BUILDINGS LON	29. RAILROADS XX	30. OTHER CULTURAL FEATURES XX
BOUNDARIES			
31. BOUNDARY LINES NA		32. PUBLIC LAND LINES NA	
MISCELLANEOUS			
33. GEOGRAPHIC NAMES LON	34. JUNCTIONS LON		35. LEGIBILITY OF THE MANUSCRIPT LON
36. DISCREPANCY OVERLAY LON	37. DESCRIPTIVE REPORT LON	38. FIELD INSPECTION PHOTOGRAPHS XX	39. FORMS LON
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>Joanne Roderick</i> Joanne Roderick	2/09/76	SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
REVIEWER <i>A. L. Shands</i> A. L. Shands	3/11/76		
43. REMARKS <i>A. L. Shands</i>			
See Form 76-36C, HISTORY OF FIELD OPERATIONS, FIELD INSPECTION, and FIELD EDIT, Item #8.			



FIELD EDIT REPORT

TP-00852

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 with the exception of some areas compiled as bulkhead which are corrected on the photographs, and one part of the shoreline at latitude $39^{\circ}12'35''$, longitude $76^{\circ}26'45''$ which is also shown on the field edit ozalid. This area should be checked for compilation. There were several areas where pier ruins extended from the shoreline. These ruins are plotted on the manuscript. Numerous wrecks and several pilings were found, these are indicated on the photographs. There were no areas which are subject to frequent or excessive change and no areas of major construction or change. Photogrammetric positions of the aids to navigation were checked by field methods. Compilation of this sheet will be complete with the addition of the field edit notes.

56. GEOGRAPHIC NAMES

No comprehensive investigation of geographic names was made, however no discrepancies were found while editing this sheet.



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

57. LANDMARKS AND AIDS TO NAVIGATION

There are six aids to navigation to be charted on this sheet, four lights and two daybeacons. See forms 76-40.

There are two landmarks to be charted on this sheet.

58. FIELD EDITOR

Field edit was performed by Lt. George Jamerson, and Mr. Howard Hart in October, 1975.

Respectfully submitted,

George W. Jamerson

George W. Jamerson

NOAA FORM 76-40 (8-74)										U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION									
NONFLOATING AIDS										FOR CHARTS									
REPORTING UNIT (If field party, ship or office)					STATE					LOCALITY					DATE				
COASTAL MAPPING DIV. A.M.C. Norfolk, Va.					Maryland					Baltimore Harbor					Feb. 1976				
TO BE CHARTED					TO BE REVISED					TO BE DELETED					ORIGINATING ACTIVITY				
<input checked="" type="checkbox"/>					<input type="checkbox"/>					<input type="checkbox"/>					<input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input checked="" type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH (See reverse for responsible personnel)				
The following objects HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.																			
OPR PROJECT NO.		JOB NUMBER		SURVEY NUMBER		DATUM		POSITION		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED							
514		CM-7415		TP00852		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		OFFICE		FIELD		CHARTS AFFECTED									
		D.M. Meters	D.P. Meters	D.M. Meters	D.P. Meters														
LIGHT	Jones Creek Light 2 Listed on TP-00844	39 13	06.23	76 27	30.60	74C(C)823	Oct. 5, 1974	74C(C)840	Oct. 1975	12273 12272									
LIGHT	Old Road Bay Light 3	39 12	53.02	76 27	09.42	"	"	"	"	"									
LIGHT	North Point Creek Light 6	39 13	07.36	76 26	30.26	"	"	"	"	"									
LIGHT	Craighill Channel Upper Range Front Light (Cutoff Channel Front Range Light, 1896)	39 11	49.020	76 26	54.929	74C(C)822	Oct. 5, 1974	Triang. Rec. Oct. 1975	"	"									
DAYBEACON	North Point Creek Daybeacon 4	39 13	02.79	76 26	40.68	74C(C)823	Oct. 5, 1974	P-8-V 74C(C)840 Oct. 1975	"	"									
DAYBEACON	Old Road Bay Daybeacon 2	39 12	06.36	76 27	20.63	74C(C)822	Oct. 5, 1974	F-4-8-L Oct. 1975	"	"									
	For additional aids in this area, see TP-00844, TP-00851 and TP-00847																		

REVIEW REPORT

TP-00852

SHORELINE

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-5421, 1:10,000 scale, mapped from photography of November 1933. The general trend of the shoreline has not changed, but many private piers and several bulkheads have been added. The United Railway and Electric Company track shown on T-5421 no longer exists.

In the area compared, TP-00852 supersedes T-5421 for nautical chart construction purposes. T-5421 is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with USGS Quadrangle SPARROWS POINT, MD., 1:24,000 scale, dated 1969. No 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). Water and cultural features located by the hydrographer that do not appear on TP-00852 are not visible on the photographs and were not found by the field editor. There is an unresolved discrepancy in elevation of two piles approximately 420 meters east of Old Road Daybeacon 2. The field editor's elevation is 7 feet above mean low water; the hydrographer's is 3 feet.

65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 12278 (549), 1:40,000 scale, 43rd Edition, dated April 3, 1976. Two wrecks charted on the east side of Old Road Bay are not visible on the photographs and were not found by the field editor. The hydrographer located the southerly one of these on H-9562.

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 19, 1977

Approved for forwarding:

Joseph W. Vonasek

Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

W. H. Brown

Chief, Photogrammetric Branch

James Little

Chief, Coastal Mapping Division

