

TP-00836

TP-00836

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-00836 .....

Classification No. .... Edition No. .... 1 .....

## Field Edited Map

## LOCALITY

State ... Maryland .....

General Locality .... Baltimore Harbor .....

Locality .... Gwynns Falls .....

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1974 TO 19 75

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## REGISTRY IN ARCHIVES

DATE .....



TP-00836  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8"E" & RC-10"C"		TYPES OF PHOTOGRAPHY LEGEND <input checked="" type="checkbox"/> (C) COLOR (P) PANCHROMATIC (I) INFRARED	TIME REFERENCE	
TIDE STAGE REFERENCE Baltimore, MD <input checked="" type="checkbox"/> PREDICTED TIDES Ft. McHenry <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY			ZONE Eastern MERIDIAN 75th	<input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
74E(C) 7324 - 7326*	Oct 21, 1974	11:13	1:15,000	0.9 ft. above MLW
74C(C) 831**	Oct 5, 1974	11:20	1:30,000	0.7 ft. above MLW

## REMARKS

\*Compilation photography  
\*\*Bridge photography

## 2. SOURCE OF MEAN HIGH-WATER LINE:

The mean <sup>high</sup> ~~low~~ water <sup>line</sup> was compiled from office interpretation of the above listed photographs.

3. SOURCE OF MEAN LOW-WATER ~~OR MEAN 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 No contemporary survey	EAST TP-00837	SOUTH TP-00840	WEST No contemporary survey
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## REMARKS

NOAA FORM 76-36C  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYTP-00836  
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. L. Tibbetts	Sept, 1974
2. HORIZONTAL CONTROL	RECOVERED BY: None ESTABLISHED BY: None PRE-MARKED OR IDENTIFIED BY: None	
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 <input type="checkbox"/> COMPLETE <input type="checkbox"/> SPECIFIC NAMES ONLY <input checked="" type="checkbox"/> 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 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: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE		6. BOUNDARY AND LIMITS: <input type="checkbox"/> REPORT <input checked="" type="checkbox"/> NONE	
7. SUPPLEMENTAL MAPS AND PLANS None			
8. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) None			

NOAA FORM 76-36C  
(3-72)

TP-00836

HISTORY OF FIELD OPERATIONS

836

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 G.W.J. ESTABLISHED BY NA PRE-MARKED OR IDENTIFIED BY R.S. Tibbetts	9/75 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 G.W. Jamerson LOCATED (Field Methods) BY NA IDENTIFIED BY NA	9/75
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION <input type="checkbox"/> COMPLETE <input checked="" type="checkbox"/> SPECIFIC NAMES ONLY <input type="checkbox"/> NO INVESTIGATION	G.W.J. 9/75
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY G.W.J.	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 21 Oct 74E 7325, 7326

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Data for objects located or verified 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)

Field Edit Report; Field Edit Ozalids (1 paper, 1 film);  
Three forms 526, 2 Form 76-40

TP-00836  
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	Aug, 1975	Class III manuscript Superseded	Nov 24, 1975	Sep 3, 1975
Field Edit applied. Compilation complete.	Jan, 1976	Class I	Jun 7, 1976	
Final Review	Feb, 1976	Final	May 26, 1977	

## II. LANDMARKS AND AIDS TO NAVIGATION

## 1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Jul 2, 1976	Landmarks for charts.
1		Jul 2, 1976	Landmarks for deletion.

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: July 2, 1976 6-2-77  
3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

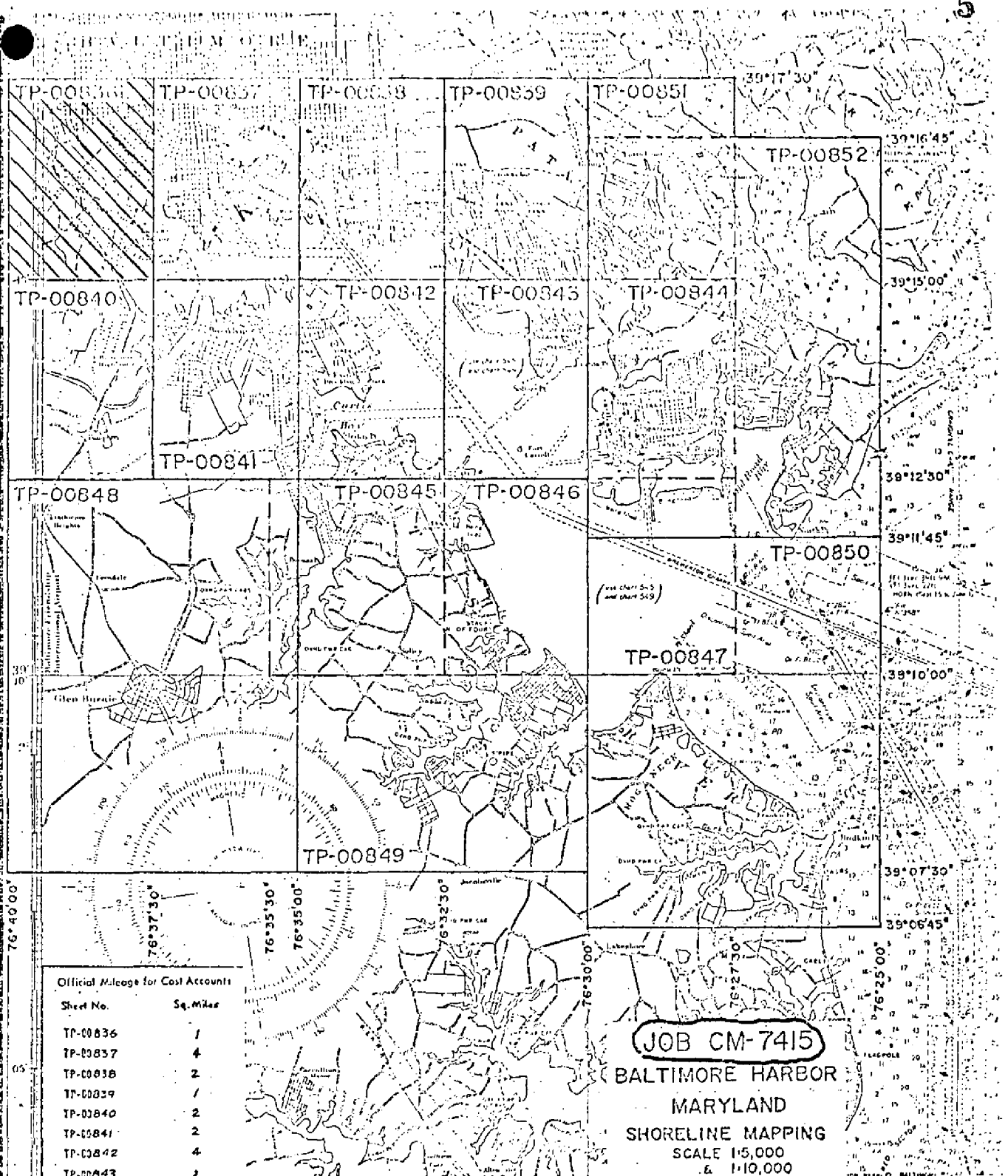
## III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.  
2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☒ FORM ~~76-40~~ <sup>76-40</sup> 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	

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

## 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.



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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

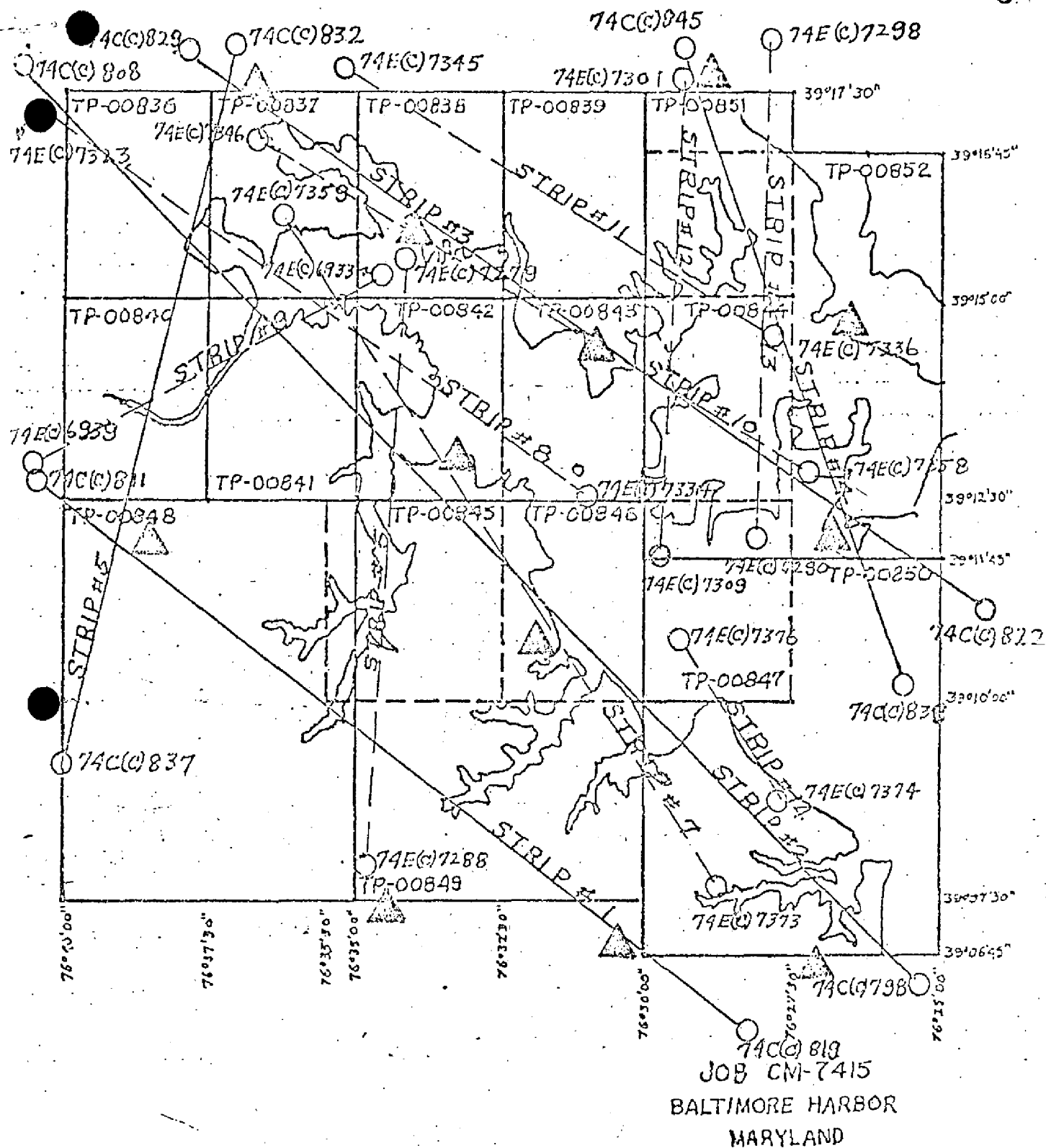
The photography was adequate as to coverage and overlap. Definition was poor due to haze at time of photography.

Approved and forwarded:

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

Respectfully submitted,

*Ivey O. Raborn*  
Ivey O. Raborn



## DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETTIC DATUM		ORIGINATING ACTIVITY		REMARKS
					COORDINATES IN FEET STATE _____ ZONE _____	NA 1927	Division, Norfolk, VA	Coastal Mapping	
							$\phi$ LATITUDE $\lambda$ LONGITUDE	FORWARD	BACK
					X=		$\phi$ 39 15 53.770	1658.2	(192.1)
					Y=		$\lambda$ 76 37 41.696	999.6	(438.8)
					X=		$\phi$ 39 15 53.774	1658.3	(192.0)
					Y=		$\lambda$ 76 37 32.330	775.1	(663.3)
					X=		$\phi$ 39 15 24.910	768.2	(1082.1)
					Y=		$\lambda$ 76 37 36.636	878.4	(560.2)
					X=		$\phi$ 39 16 17.270	532.6	(1317.7)
					Y=		$\lambda$ 76 37 33.200	795.8	(642.5)
					X=		$\phi$		
					Y=		$\lambda$		
					X=		$\phi$		
					Y=		$\lambda$		
					X=		$\phi$		
					Y=		$\lambda$		
					X=		$\phi$		
					Y=		$\lambda$		
					X=		$\phi$		
					Y=		$\lambda$		
					X=		$\phi$		
					Y=		$\lambda$		
					X=		$\phi$		
					Y=		$\lambda$		
COMPUTED BY	A. C. Rauck, Jr.							DATE	5/20/75
LISTED BY								DATE	
HAND PLOTTING BY								DATE	

COMPILATION REPORT

TP-00836

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:15,000 scale photography. No photo hydro support data was required.

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 office interpretation of the photographs.

36. OFFSHORE DETAILS:

None.

37. LANDMARKS AND AIDS:

Preliminary Forms 76-40 for Landmarks and/or 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 July 2, 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:

Refer to the Photogrammetric Report dated April 1975.

46. COMPARISON WITH EXISTING MAPS:

A comparison was made with the following U. S. Geological Survey Quadrangle: Baltimore West, MD, scale 1:24,000, dated 1953, photo revised, 1966.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with the following National Ocean Survey chart: 12281, scale 1:15,000, 29th Edition, dated August 17, 1974.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARD

None.

Submitted by:

*David P. Butler*

David P. Butler  
Cartographic Aid  
August 18, 1975

Approved:

*Albert C. Rauck, Jr.*

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

ADDENDUM TO THE COMPILATION REPORT

TP-00836

FIELD EDIT

Field edit was complete and well done. Omission of elevations on wrecks poses no problem; they are in non-navigable water close to shore.

Submitted by:

A handwritten signature in cursive script that reads "Fay T. Mauldin".

Fay T. Mauldin  
Cartographer  
January 1976

February 28, 1977

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

CM-7415 (Baltimore, Md.)

TP-00836

Baltimore &amp; Ohio (RR)

Cherry Hill

Gwynns Falls

Middle Branch

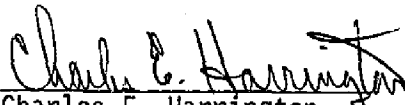
Mount Winans

Smith Cove

Western Maryland (RR)

Westport

Approved by:

  
Charles E. Harrington  
Staff Geographer - C51x2

FORM C&GS-1002  
(9-66)U.S. DEPARTMENT OF COMMERCE  
ESSA  
COAST AND GEODETIC SURVEY

## PHOTOGRAMMETRIC OFFICE REVIEW

TP-00836

1. PROJECTION AND GRIDS FPM		2. TITLE FPM		3. MANUSCRIPT NUMBERS FPM		4. MANUSCRIPT SIZE FPM	
CONTROL STATIONS							
5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY FPM				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 FPM		10. PHOTOGRAMMETRIC PLOT REPORT FPM		11. DETAIL POINTS FPM	
ALONGSHORE AREAS (Nautical Chart Data)							
12. SHORELINE FPM		13. LOW-WATER LINE FPM		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 FPM	
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 ALS		35. LEGIBILITY OF THE MANUSCRIPT FPM	
36. DISCREPANCY OVERLAY FPM		37. DESCRIPTIVE REPORT FPM		38. FIELD INSPECTION PHOTOGRAPHS FPM		39. FORMS FPM	
40. REVIEWER <i>Frank Margiotta</i> Frank Margiotta				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				SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.			
A. L. Shands <i>A. L. Shands</i>				January 26, 1976			
43. REMARKS  See Form 76-36C, History of Field Operation, field edit Item #8.							





FIELD EDIT REPORT

TP-00836

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 paper 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 no aids to navigation to be charted on this sheet.

There are four landmarks recommended to be charted, while one landmark is recommended for deletion.

Forms 76-40 have been completed for the above.



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

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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

Replaces C&amp;GS Form 567.

☒ TO BE CHARTED /  
☐ TO BE REVISED  
☐ TO BE DELETEDREPORTING UNIT  
(If field party, ship or office)  
Coastal Mapping Div. ✓  
A.M.C. Norfolk, Va.STATE  
Maryland ✓LOCALITY  
Baltimore Harbor ✓DATE  
Jan. 1976 ✓U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
**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)

The following objects HAVE ☒ BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.

OPR PROJECT NO.

JOB NUMBER

SURVEY NUMBER

DATUM

POSITION

LONGITUDE

METHOD AND DATE OF LOCATION  
(See instructions on reverse side)CHARTS  
AFFECTED

514 ✓

CM-7415 ✓

TP-00836 ✓

N.A. 1927 ✓

CHARTING  
NAMEDESCRIPTION  
(Record reason for deletion of landmark or aid to navigation.  
Show triangulation station names, where applicable, in parentheses.)

LATITUDE

D.M. Meters

D.P. Meters

OFFICE

FIELD

CHARTS  
AFFECTEDRADIO  
TOWER ✓East Tower (WFBR)  
Ht. = (305) ✓

39 15 ✓

24.77 ✓

31.78 ✓

74E(C) 7326 ✓

F-V-Vis. ✓

12273  
12279  
12281 ✓RADIO  
TOWERWest Tower Ht. = (305) ✓  
(WFBR, West Radio Mast, 1940)

39 15 ✓

24.910 ✓

36.636 ✓

" " ✓

Triang. Rec.  
Sept. 4, 1975 ✓

" " ✓

CENTER  
STACK ✓

Ht. = 225 (235) ✓

39 15 ✓

52.86 ✓

45.88 ✓

" " ✓

F-V-Vis. ✓

" " ✓

STACK ✓

(No height obtained) ✓

39 16 ✓

24.97 ✓

37.80 ✓

" " ✓

" " ✓

" " ✓



REVIEW REPORT  
TP-00836

SHORELINE

February 10, 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 comparison was made with Survey T-5345, 1:10,000 scale, mapped from photography taken in April and May 1934. In 40 years, most of the shoreline has changed. Several hundred feet of fill have been added in the Smith Cove area of Middle Branch. Other differences may be attributed to difference in photo interpretation, accretion or fill, and advancements in mapping techniques.

In the area compared, TP-00836 supersedes T-5345 for nautical chart construction purposes. T-5345 is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with USGS Quadrangle BALTIMORE WEST, MD, 1:24,000 scale, dated 1953, photo revised in 1966. No significant differences were noted, other than those to be expected because of the difference in scale.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with the sounding overlay for Survey H-9566 (AHP 5-6-75). No significant differences were noted.

65. COMPARISON WITH NAUTICAL CHARTS:

A visual comparison was made with Chart 12281, 1:15,000 scale, 31st Edition, dated November 13, 1976. Three stacks charted at approximate Lat.  $39^{\circ} 15.8'$ , Long.  $76^{\circ} 37.8'$  were reported by the field editor to be destroyed. 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 the National Standards for Map Accuracy.

Submitted:

*Charles H Bishop*

Charles H. Bishop  
Cartographer  
10 February 1977

Approved for forwarding:

*Joseph W. Vonasek*

Joseph W. Vonasek  
Chief, Photogrammetric Branch, AMC

Approved:

*ASD [Signature]*

Chief, Photogrammetric Branch

*[Signature]*

Chief, Coastal Mapping Division

