

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 .....

---

1974 TO 19 75

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## REGISTRY IN ARCHIVES

DATE .....

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
<b>DESCRIPTIVE REPORT - DATA RECORD</b>		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		SURVEY TP. <u>00836</u> MAP EDITION NO. <u>1</u> MAP CLASS <u>Final</u> JOB <u>CM-7415</u>	
OFFICER-IN-CHARGE  Jeffrey G. Carlen, CDR		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__	
<b>I. INSTRUCTIONS DATED</b>			
1. OFFICE		2. FIELD	
Aerotriangulation      February 7, 1975  Compilation              March 12, 1975		August 16, 1974	
<b>II. DATUMS</b>			
1. HORIZONTAL: <input checked="" type="checkbox"/> 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: <input checked="" type="checkbox"/> MEAN HIGH-WATER <input 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      ZONE Maryland	
5. SCALE  1:5,000		STATE      ZONE	
<b>III. HISTORY OF OFFICE OPERATIONS</b>			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: <u>Analytic</u> LANDMARKS AND AIDS BY		I. Rayborn	Apr. 1975
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: <u>Calcomp</u> CHECKED BY		R. Robertson	Apr. 1975
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION      CHECKED BY		J. R. Minton	Jul. 1975
INSTRUMENT: <u>Wild B-8</u> CONTOURS BY SCALE: <u>1:7,500</u> CHECKED BY		L. O. Neterer, Jr.	Jul. 1975
4. MANUSCRIPT DELINEATION PLANIMETRY BY METHOD: <u>Smooth drafted</u> CHECKED BY		D. Butler	Aug. 1975
SCALE: <u>1:5,000</u> HYDRO SUPPORT DATA BY CHECKED BY		F. Margiotta	Aug. 1975
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		F. Margiotta	Aug. 1975
6. APPLICATION OF FIELD EDIT DATA BY		F. Mauldin	Jan. 1976
7. COMPILATION SECTION REVIEW BY		A. L. Shands	Jan. 1976
8. FINAL REVIEW BY		A. L. Shands	Jan. 1976
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		C. H. Bishop	Feb. 1977
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY		C. H. Bishop	May 1977
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		J. B. Phillips	June 1977
12. MAP REGISTERED - COASTAL SURVEY SECTION BY		R. T. Carter	July 1977

TP-00836  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) <b>Wild RC-8"E" &amp; RC-10"C"</b>	TYPES OF PHOTOGRAPHY LEGEND <input checked="" type="checkbox"/> (C) COLOR (P) PANCHROMATIC (I) INFRARED	TIME REFERENCE	
TIDE STAGE REFERENCE <b>Baltimore, MD</b> <input checked="" type="checkbox"/> PREDICTED TIDES <b>Ft. McHenry</b> <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		ZONE <b>Eastern</b> MERIDIAN <b>75th</b>	<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 LOWEST 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 <b>No</b> <b>contemporary survey</b>	EAST <b>TP-00837</b>	SOUTH <b>TP-00840</b>	WEST <b>No</b> <b>contemporary survey</b>
REMARKS			

TP-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 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 <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			

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## HISTORY OF FIELD OPERATIONS

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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 ☒ 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)

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

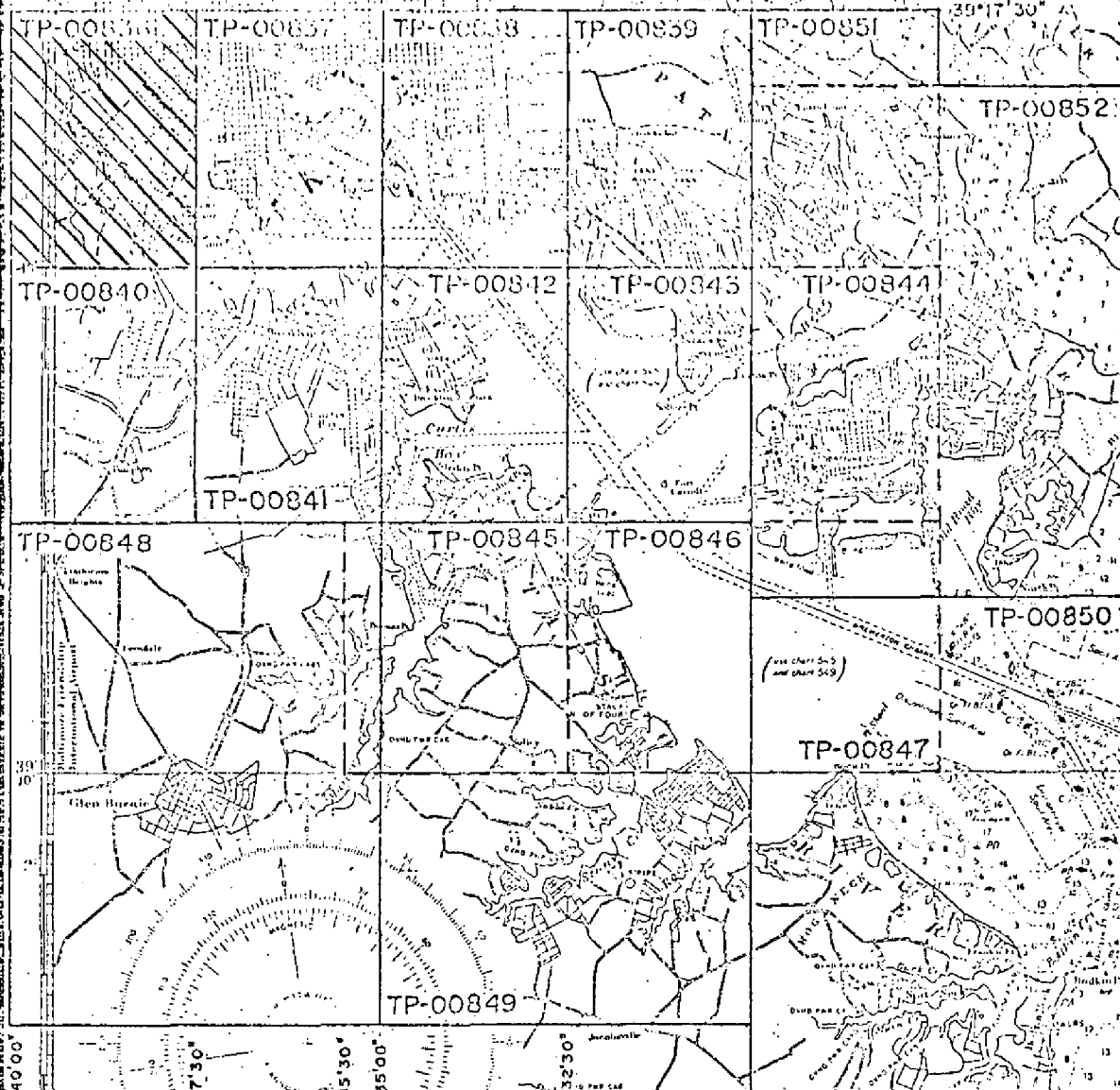
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS
1		Jul 2, 1976	Landmarks for charts.
1		Jul 2, 1976	Landmarks for deletion.

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 ~~76-36C~~ SUBMITTED BY FIELD PARTIES.  
3. ☒ SOURCE DATA (except for Geographic Names Report) AS LISTED IN SECTION II, NOAA FORM 76-36C.  
ACCOUNT FOR EXCEPTIONS:

☐ MAIL TO FEDERAL RECORDS CENTER, BOSTON, MASSACHUSETTS



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.



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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.

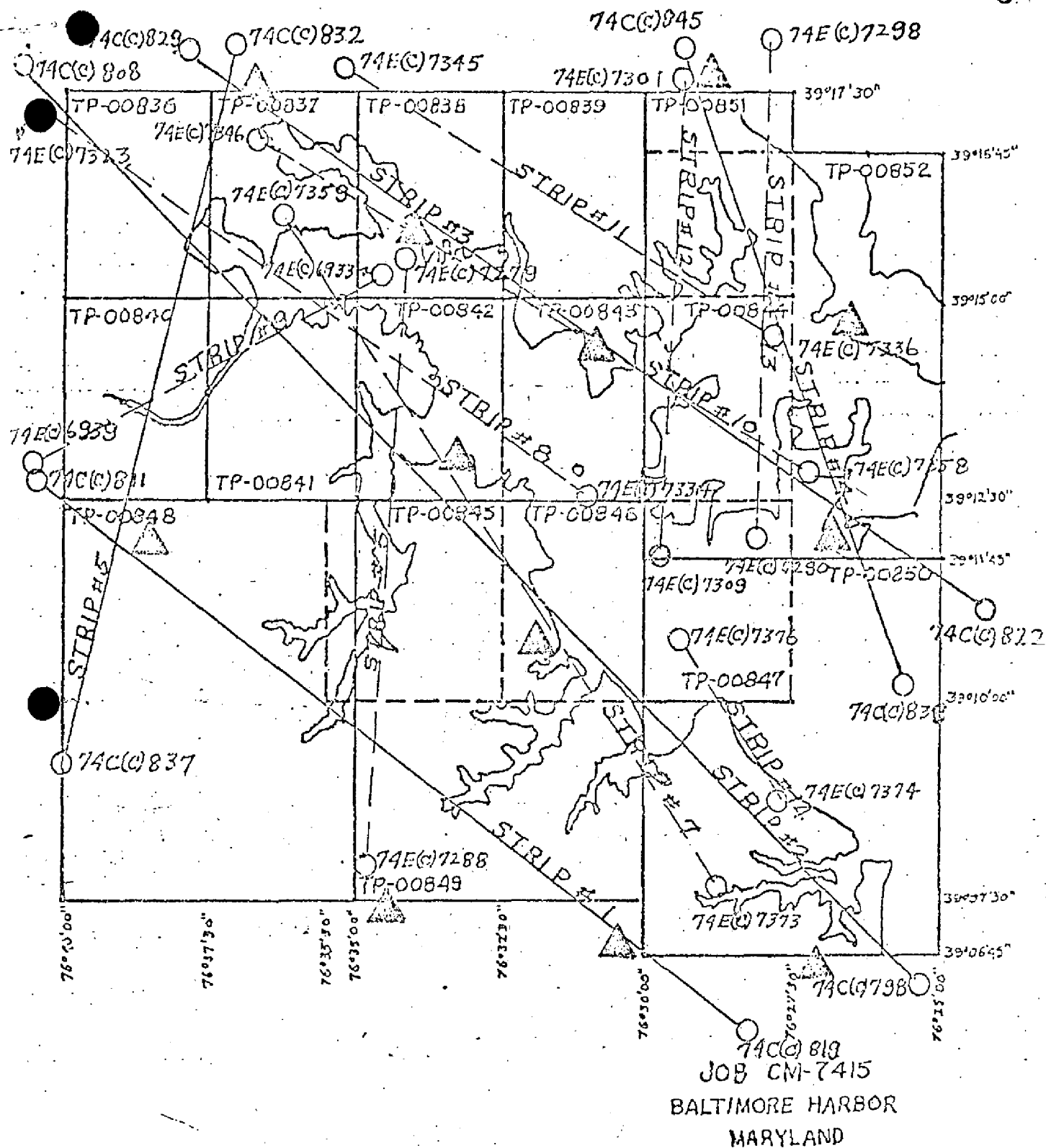
22. Method

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





BRIDGING PHOTOGRAPHY  
COMPILATION PHOTOGRAPHY

## 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	
					GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE		FORWARD		BACK
TP-00836	CM-7415	ELECTRIC (U.S.E.), 1915	G.P. Vol I P. 229		x=	φ 39 15 53.770	1658.2	(192.1)	
					y=	λ 76 37 41.696	999.6	(438.8)	
					x=	φ 39 15 53.774	1658.3	(192.0)	
					y=	λ 76 37 32.330	775.1	(663.3)	
RAIL, 1934		G.P. Vol I P. 236			x=	φ 39 15 24.910	768.2	(1082.1)	
					y=	λ 76 37 36.636	878.4	(560.2)	
					x=	φ 39 16 17.270	532.6	(1317.7)	
					y=	λ 76 37 33.200	795.8	(642.5)	
WFBR, WEST RADIO MAST, 1940		G.P. Vol I P. 230			x=	φ			
					y=	λ			
					x=	φ			
					y=	λ			
					x=	φ			
					y=	λ			
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					x=	φ			
					y=	λ			
COMPUTED BY	A. C. Rauck, Jr.	DATE	5/20/75	COMPUTATION CHECKED BY	F. Mauldin	DATE	5/20/75		
LISTED BY		DATE		LISTING CHECKED BY		DATE			
HAND PLOTTING BY		DATE		HAND PLOTTING CHECKED 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

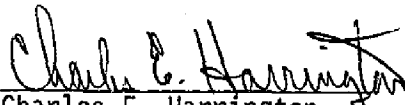
Mount Winans

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.			





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

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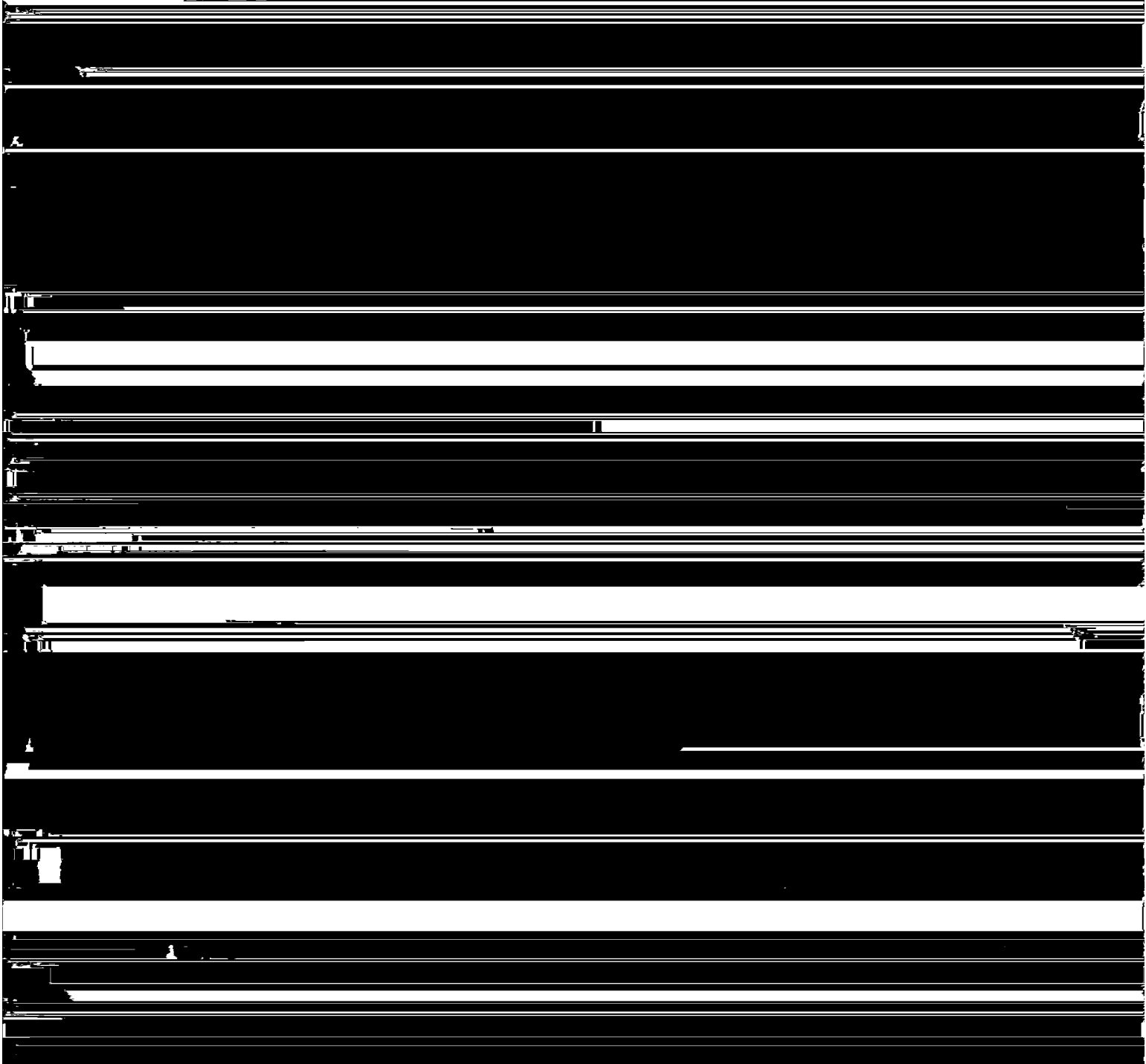
FIELD EDIT REPORT

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





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

DESCRIPTION

LATITUDE

° /

D.M. Meters

° /

D.P. Meters

RADIO  
TOWER ✓East Tower (WFBR)  
Ht. = (305) ✓

39 15 ✓

24.77 ✓  
764 ✓

76 37 ✓

31.78 ✓  
762 ✓74E(C) 7326 ✓  
Oct. 21, 1974 ✓12273  
12279  
12281 ✓RADIO  
TOWERWest Tower Ht. = (305) ✓  
(WFBR, West Radio Mast, 1940)

39 15 ✓

24.910 ✓  
768.2 ✓

76 37 ✓

36.636 ✓  
878.4 ✓" " ✓  
" " ✓  
Triang. Rec.  
Sept. 4, 1975 ✓" " ✓  
" " ✓CENTER  
STACK ✓

Ht. = 225 (235) ✓

39 15 ✓

52.86 ✓  
1630 ✓

76 37 ✓

45.88 ✓  
1100 ✓" " ✓  
" " ✓  
F-V-Vis.  
Sept. 9, 1975 ✓" " ✓  
" " ✓

STACK ✓

(No height obtained) ✓

39 16 ✓

24.97 ✓  
770 ✓

76 37 ✓

37.80 ✓  
906 ✓" " ✓  
" " ✓  
" " ✓  
" " ✓" " ✓  
" " ✓



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  
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