

TP-00844

ORIGINAL

TP-00844

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-00844 .....

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

Field Edited Map

### LOCALITY

State ..... Maryland .....

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

Locality ..... Sparrows Point .....

1974 TO 1975

### 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 OFFICER-IN-CHARGE  Jeffrey G. Carlen, Cdr.		SURVEY TP. <u>00844</u> MAP EDITION NO. <u>(1)</u> MAP CLASS <u>Final</u> JOB <u>REC CM-7415</u>	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, VA OFFICER-IN-CHARGE  Jeffrey G. Carlen, Cdr.		LAST PRECEDING MAP EDITION TYPE OF SURVEY <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 Compilation  2/07/75 3/12/75		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 Maryland ZONE	
5. SCALE 1:5,000		STATE ZONE	
<b>III. HISTORY OF OFFICE OPERATIONS</b>			
OPERATIONS		NAME	
DATE			
1. AEROTRIANGULATION METHOD: <u>Analytic</u> BY LANDMARKS AND AIDS BY		I. Rayborn 4/75	
2. CONTROL AND BRIDGE POINTS METHOD: <u>Calcomp</u> PLOTTED BY CHECKED BY		R. Robertson 4/75 R. Robertson 4/75	
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: <u>Wild B-8</u> SCALE: <u>1:7,500</u>		PLANIMETRY BY CHECKED BY C. Parker 9/75 L. Neterer, Jr./R. Minton 9/75	
4. MANUSCRIPT DELINEATION METHOD: <u>Smooth Drafting</u> SCALE: <u>1:5,000</u>		PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY R. Minton 10/75 F. Margiotta (Partial) 11/75 NA NA NA NA NA NA	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		F. Margiotta (Partial) 11/75	
6. APPLICATION OF FIELD EDIT DATA BY		J. R. Minton 4/76	
7. COMPILATION SECTION REVIEW BY		F. Margiotta 5/76	
8. FINAL REVIEW BY		F. Margiotta 5/76	
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. Catdr 7/77	

NOAA FORM 76-36B  
(3-72)U. S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SURVEYTP-00844  
COMPILATION SOURCES

## 1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC-8 "E" and RC-10 "C"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE Baltimore <input checked="" type="checkbox"/> PREDICTED TIDES Fort Carroll <input type="checkbox"/> REFERENCE STATION RECORDS <input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		X (C) COLOR (P) PANCHROMATIC (I) INFRARED		ZONE Eastern MERIDIAN 75th <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> DAYLIGHT	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
74E(C)7305 thru 7308*	10/21/74	11:13	1:15,000	0.9 ft. above MLW	
74E(C)7355 thru 7358*	10/21/74	11:33	1:15,000	0.8 ft. above MLW	
74E(C)7291 thru 7293*	10/21/74	10:54	1:15,000	0.9 ft. above MLW	
74E(C)7337*	10/21/74	11:33	1:15,000	0.8 ft. above MLW	
74C(C)823 and 824**	10/05/74	11:05	1:30,000	0.8 ft. above MLW	

## REMARKS

\*Compilation photography  
\*\*Bridge photography

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

The MHWL was compiled from office interpretation of the above listed photographs.

## 3. SOURCE OF MEAN LOW-WATER OR MEAN LOWER LOW-WATER LINE:

None compiled.

## 4. CONTEMPORARY HYDROGRAPHIC SURVEYS (List only those surveys that are sources for photogrammetric survey information.)

SURVEY NUMBER	DATE(S)	SURVEY COPY USED	SURVEY NUMBER	DATE(S)	SURVEY COPY USED

## 5. FINAL JUNCTIONS

NORTH TP-00851	EAST TP-00852	SOUTH TP-00847	WEST TP-00843
TP-00852 (1:10,000)	TP-00852 (1:10,000)	TP-00852 (1:10,000)	TP-00843

## REMARKS

This map manuscript lies within the west central portion of TP-00852.

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

TP-00844

## 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 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	NA
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



NOAA FORM 76-36D  
(3-72)

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

TP-00844  
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.	11/75	Class III Manuscript Superseded	11/24/75	11/19/75
Field edit applied. Compilation complete.	4/76	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
2		7/02/76	Landmarks for charts.
1		7/02/76	Landmarks for deletion.
2		7/02/76	Aids for charts.

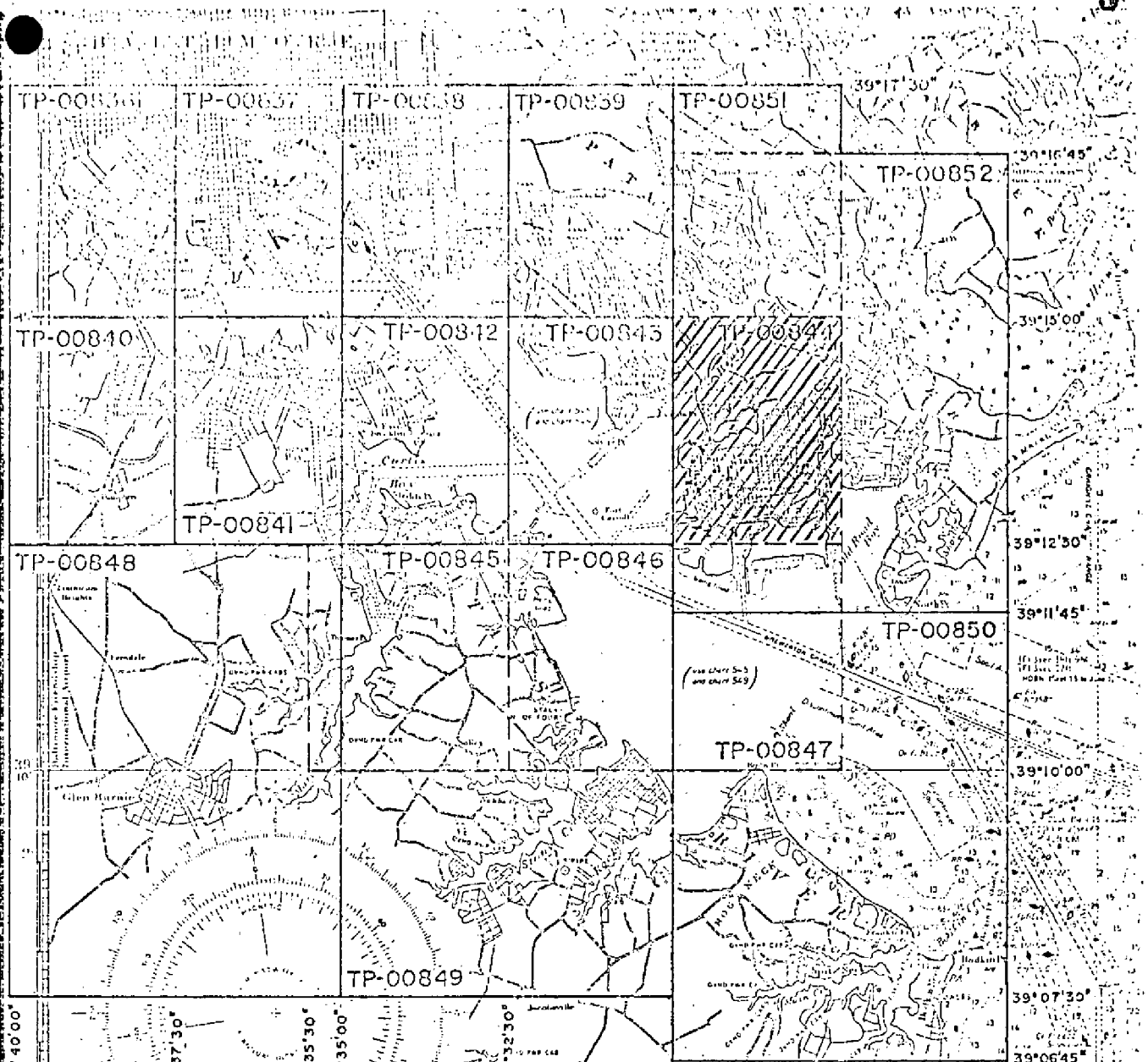
2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: July 2, 1976  
 3. ☐ REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

III. FEDERAL RECORDS CENTER DATA

1. ☒ BRIDGING PHOTOGRAPHS; ☒ DUPLICATE BRIDGING REPORT; ☒ COMPUTER READOUTS.  
 2. ☐ CONTROL STATION IDENTIFICATION CARDS; ☐ FORM 76-40 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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (2)	PH - _____	<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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (3)	PH - _____	<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	JOB NUMBER	TYPE OF SURVEY	
	TP - _____ (4)	PH - _____	<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-00849	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.



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

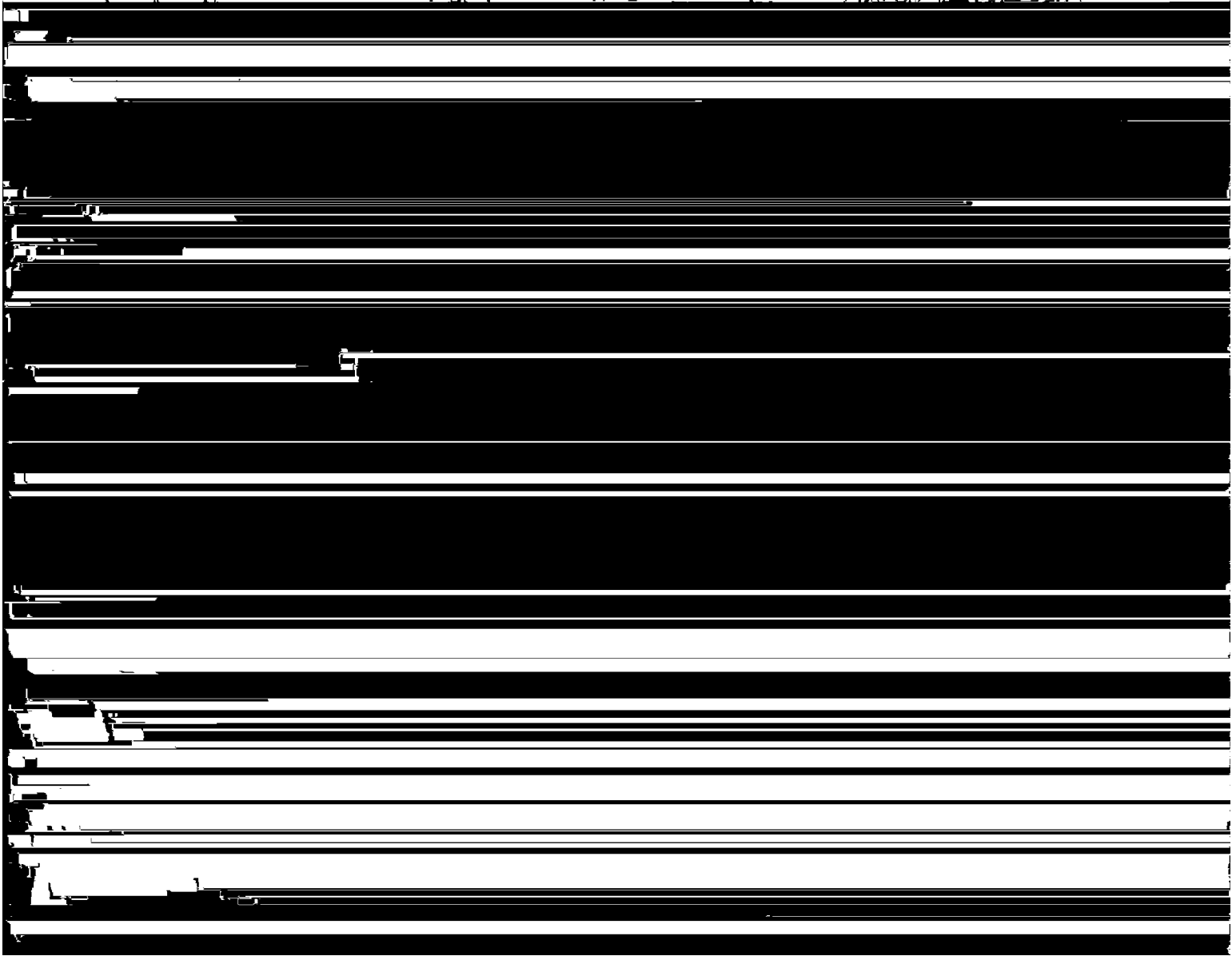
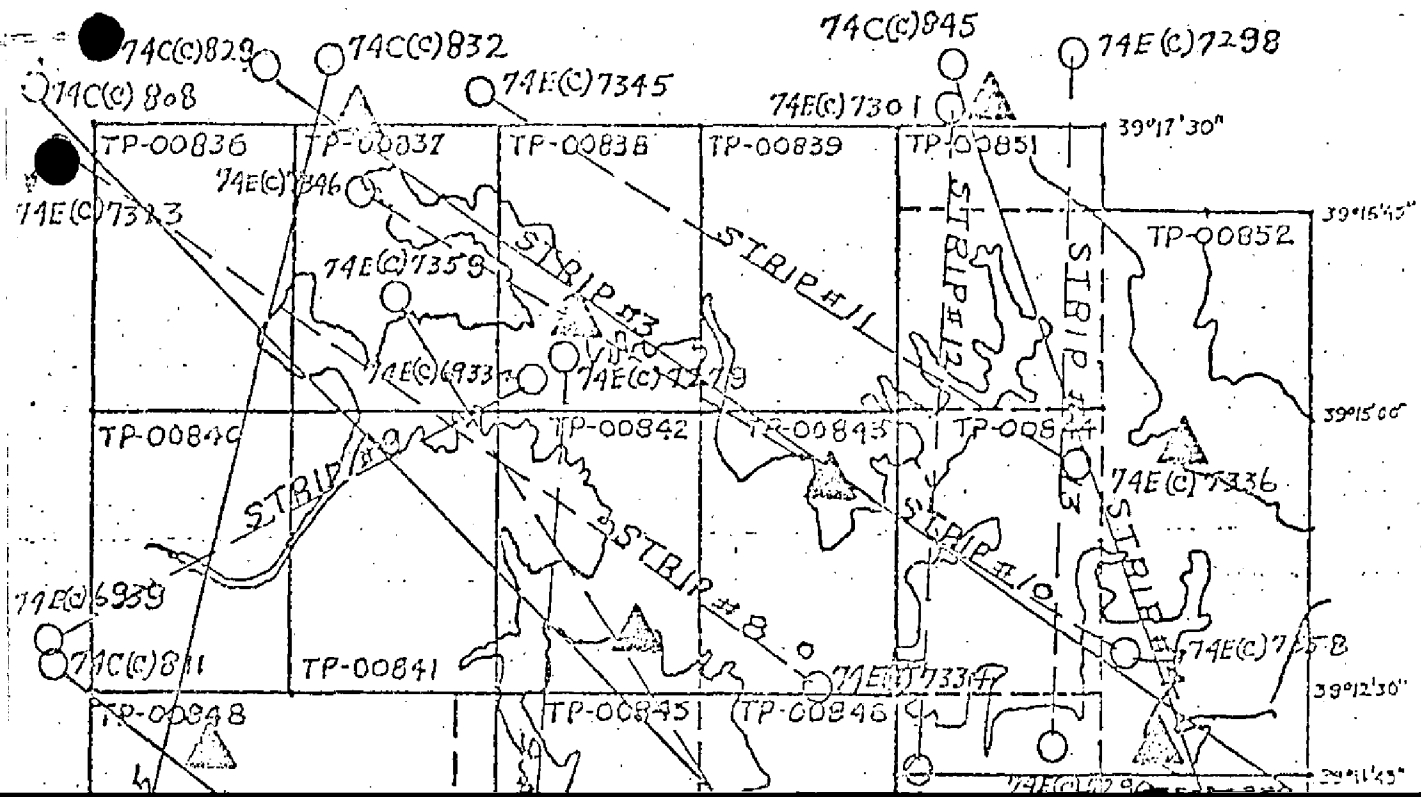
USGS Quadrangles were used to provide vertical control for the adjustment.

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.	SOURCE OF INFORMATION (Index)	AEROTRI- ANGULATION POINT NUMBER	GEODETIC DATUM		ORIGINATING ACTIVITY	
				COORDINATES IN FEET STATE ZONE	NA 1927	Geographic Position $\phi$ LATITUDE $\lambda$ LONGITUDE	AMC
TP-00844	CM-7415					Coastal Mapping Div., Norfolk, VA	
HUMPHREY CREEK, TANK, 1934	G.P. Vol I P. 233			X=	$\phi$ 39 13 56.103	FORWARD	BACK
				Y=	$\lambda$ 76 29 26.802	1730.1 (120.2)	(796.3)
SPARROWS POINT, BETHLEHEM STEEL COMPANY, LARGE WATER TANK, 1958	G.P. Vol II P. 327			X=	$\phi$ 39 13 31.419	968.9 (881.4)	
				Y=	$\lambda$ 76 29 00.618	14.8 (1424.4)	
BETHLEHEM TANK, 1933	G.P. Vol I P. 315			X=	$\phi$ 39 12 55.906	1724.0 (126.3)	
				Y=	$\lambda$ 76 28 24.553	589.0 (850.4)	
CUTOFF CHANNEL REAR RANGE LIGHT, 1896	G.P. Vol I P. 316			X=	$\phi$ 39 12 57.818	1783.0 (67.3)	
				Y=	$\lambda$ 76 27 47.021	1128.0 (311.4)	
				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	COMPUTATION CHECKED BY F. Mauldin		DATE 5/27/75	
LISTED BY			DATE	LISTING CHECKED BY		DATE	
HAND PLOTTING BY			DATE	HAND PLOTTING CHECKED BY		DATE	

## COMPILATION REPORT

TP-00844

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter.

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 Nonfloating Aids were prepared by the Compilation Office and forwarded to the Field Editor and/or Hydrographer for verification, location, or deletion in November 1975 and the final field edited forms were forwarded to the Rockville, Maryland Office on July 2, 1976.

38. CONTROL FOR FUTURE SURVEYS:

No statement.

39. JUNCTIONS:

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

40. HORIZONTAL AND VERTICAL ACCURACY:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with the following USGS Quadrangle: 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 Charts:

No. 12279, scale 1:40,000, 12th Edition, dated November 9, 1974  
No. 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:

*J. R. Minton*

J. R. Minton  
Cartographic Technician  
April 22, 1976

Approved:

*Albert C. Rauck, Jr.*

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

## ADDENDUM TO THE COMPILATION REPORT

TP-00844

FIELD EDIT

Field edit of this map was satisfactory.

February 28, 1977

## GEOGRAPHIC NAMES

## FINAL NAME SHEET

CM-7415 (Baltimore, Md.)

TP-00844

Baltimore &amp; Ohio (RR)

Bear Creek

Bullneck Creek

Cattail Point

Humphrey Creek

Jones Creek

Lloyd Point

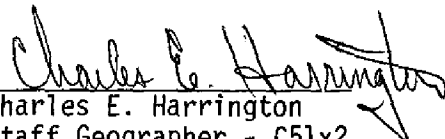
Long Point

Old Road Bay

Patapsco &amp; Back Rivers (RR)

Sparrows Point

Approved by:

  
Charles E. Harrington  
Staff Geographer - C51x2

## PHOTOGRAMMETRIC OFFICE REVIEW

TP - 00844

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 NA	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 FPM	35. LEGIBILITY OF THE MANUSCRIPT FPM	
36. DISCREPANCY OVERLAY FPM	37. DESCRIPTIVE REPORT FPM	38. FIELD INSPECTION PHOTOGRAPHS NA	39. FORMS FPM
40. REVIEWER <i>F. P. Margiotta</i> F. P. 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>J. R. Minton</i> J. R. Minton	4/22/76	SUPERVISOR <i>Albert C. Rauck, Jr.</i> Albert C. Rauck, Jr.	
REVIEWER F. Margiotta	5/26/76		
43. REMARKS <i>F. Margiotta</i> See Page 76-36C, FIELD EDIT OPERATION, Item #8.			





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

FIELD EDIT REPORT

TP-00844

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 mean high water were made; because of the limited visibility into the water and lack of wire drag equipment or personnel in quantity to operate such 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 adequate. There were no areas of great change on this sheet. All shoreline was checked by boat and found to be delineated properly. All questions and notes inserted by field edit appear on the field edit ozalid. When these notes are applied, compilation will be complete.

56. GEOGRAPHIC NAMES

No discrepancies were found while editing this sheet.

57. LANDMARKS AND AIDS TO NAVIGATION



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

There are thirteen non-floating aids to navigation on this sheet recommended for charting.

58. FIELD EDITOR

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

Respectfully submitted,

*George W. Jamerson*

George W. Jamerson  
Lt. NOAA  
November 26, 1975

NOAA FORM 76-40  
(8-74)

Replaces C&GS Form 567.

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

# LANDMARKS FOR CHARTS

REPORTING UNIT (Field Party, Ship or Office)				LOCALITY		DATE		ORIGINATING ACTIVITY	
COASTAL MAPPING DIV. A.C.C. NO. 1010K, VA.				Baltimore Harbor		Apr. 1976		<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"/> HAVE NOT <input type="checkbox"/> been inspected from seaward to determine their value as landmarks.				DATUM		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED	
JOB NUMBER				POSITION		OFFICE			
SURVEY NUMBER				N.A. 1927					
DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)				LATITUDE		LONGITUDE			
				D.M. Meters		D.P. Meters			
TANK	(Humphrey Creek Tank, 1934) Ht. = 126 (136)	39 13	76 29	26.802	642.8	74E(C)7306	Oct. 21, 1974	Triang. Rec. Nov. 1975	12273 12279 12281
TANK	(Sparrows Point, Bethlehem Steel Company, Large Water Tank, 1958) Ht. = 80 (100)	39 13	76 29	31.419	00.618	74E(C)7307	Oct. 21, 1974	"	"
TANK	(Bethlehem Tank, 1933) Ht. = 190 (200)	39 12	76 28	55.908	24.553	74E(C)7291	Oct. 21, 1974	"	"
STACKS	East of two stacks Ht. not obtained.	39 12	76 29	43.62	16.01	74E(C)7308	Oct. 21, 1974	F-V-Vis. Nov. 1975	"
STACKS	West of two stacks Ht. not obtained.	39 12	76 29	43.55	16.42	"	"	"	"
STACKS	East of two stacks Ht. not obtained.	39 12	76 29	43.23	23.97	"	"	"	"
STACKS	West of two stacks Ht. not obtained.	39 12	76 29	43.13	24.55	"	"	"	"
STACK	Ht. not obtained.	39 12	76 29	34.67	14.84	"	"	"	"
STACK	Ht. not obtained.	39 12	76 29	34.31	19.26	"	"	"	"
STACK	Ht. not obtained.	39 12	76 29	33.95	24.05	"	"	"	"

✓ FTM



NOAA FORM 76-40 (8-74) Replaces C&GS Form 567.										U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION									
REPORTING UNIT (If field party, ship or office) Coastal Mapping Div. A.M.C. Norfolk, Va.										LOCALITY Baltimore Harbor									
STATE Maryland										DATE Apr. 1976									
CHARTING NAME										ORIGINATING ACTIVITY									
TO BE CHARTED										HYDROGRAPHIC PARTY									
TO BE REVISED										GEODETIC PARTY									
TO BE DELETED										PHOTO FIELD PARTY									
The following objects HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.										COMPILED BY									
JOB NUMBER CM-7415										FINAL REVIEWER									
SURVEY NUMBER TP-00844										QUALITY CONTROL & REVIEW CRP.									
OPR PROJECT NO. 514										COAST PILOT BRANCH									
METHOD AND DATE OF LOCATION (See instructions on reverse side)										CHARTS AFFECTED									
DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses.)										FIELD									
LATITUDE										LONGITUDE									
D.M. Meters										D.P. Meters									
D.M. Meters										D.P. Meters									
STACK*	39 12	41.80	76 29	32.18	Recommend deletion.	12273													
STACK*	39 12	46.21	76 29	20.67	"	12279													
STACK*	39 12	46.73	76 29	13.88	"	12281													
STACK*	39 12	43.55	76 29	07.75	"	"													
STACK*	39 12	47.77	76 28	58.02	"	"													
STACK*	39 12	41.41	76 29	11.59	"	"													
STACK*	39 12	41.41	76 29	278	"	"													
STANDPIPE																			
* Too many stacks in this area. Field editor believes that most are confusing. The more prominent twin and seaward stacks are recommended.																			

NOAA FORM 76-40 (8-74) Replaces C&GS Form 567.										U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION <b>NONFLOATING AIDS FOR CHARTS</b>										ORIGINATING ACTIVITY	
TO BE CHARTED		REPORTING UNIT (Field Party, Ship or Office)		STATE		LOCALITY		DATE		DATE		DATE		DATE		DATE		DATE		DATE	
TO BE REVISED		Coastal Mapping Div.		Maryland		Baltimore Harbor		Apr. 1976		Apr. 1976		Apr. 1976		Apr. 1976		Apr. 1976		Apr. 1976		Apr. 1976	
TO BE DELETED		A.M.C. Norfolk, Va.																			
The following objects HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.		HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.		HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.		HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.		HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.		HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.		HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.		HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.		HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.		HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.		HAVE <input checked="" type="checkbox"/> BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS.	
OPR PROJECT NO.		JOB NUMBER		SURVEY NUMBER		DATUM		LATITUDE		LONGITUDE		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED		CHARTS AFFECTED		CHARTS AFFECTED		CHARTS AFFECTED	
514		CM-7415		TP-00844		N.A. 1927		POSITION		POSITION		OFFICE		FIELD		FIELD		FIELD		FIELD	
CHARTING NAME		DESCRIPTION		LATITUDE		LONGITUDE		D.M. Meters		D.P. Meters		OFFICE		FIELD		FIELD		FIELD		FIELD	
(Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)				° /		° /		° /		° /		° /		° /		° /		° /		° /	
LIGHT	Marine Channel Range Front Light	39 13	76 29	37.26	1149	48.53	1164	74E(C)7307	Oct. 21, 1974	P-V-Vis.	Nov. 1975	12273									
LIGHT	Marine Channel Range Rear Light	39 13	76 29	53.83	1660	31.60	758	"	"	"	"	"									
LIGHT	Coal Pier Channel Range Front Light	39 12	76 29	45.72	1410	38.10	914	74E(C)7308	Oct. 21, 1974	"	"	"									
LIGHT	Coal Pier Channel Range Rear Light	39 12	76 29	46.21	1425	22.55	781	"	"	"	"	"									
LIGHT	Sparrows Point Channel Range Front Light	39 12	76 29	41.86	1291	04.25	102	"	"	"	"	"									
LIGHT	Sparrows Point Channel Range Rear Light	39 12	76 29	47.64	1469	05.04	121	"	"	"	"	"									
LIGHT	Craig Hill Channel Upper Range Rear Light (Cutoff Channel Rear Range Light 1896)	39 12	76 27	57.818	1783.0	47.021	1128.0	74E(C)7291	Oct. 21, 1974	Triang. Rec.	Nov. 1975	"									
LIGHT	Pennwood Channel Range Front Light	39 13	76 27	09.79	302	43.89	1055	"	"	P-V-Vis.	Nov. 1975	"									
LIGHT	Pennwood Channel Range Rear Light	39 13	76 27	33.59	1036	47.19	1132	"	"	"	"	"									
LIGHT	Bear Creek East Obstruction Lights	39 14	76 29	10.28	317	46.74	1121	74E(C)7306	Oct. 21, 1974	P-5-L	Nov. 1975	"									

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## REVIEW REPORT

TP-00844

SHORELINE

May 4, 1977

61. GENERAL STATEMENT:

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

No comparison print was made for this map.


62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A visual comparison was made with a copy of Survey T-5421, 1:10,000 scale, mapped from photographs taken in November 1933. Shoreline and cultural features have changed greatly since that date.

In the area compared, TP-00844 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. Greys Creek (not named on





H-9582 (AHP 5-10-75) Copy of Verified Smooth Sheet: No significant difference.

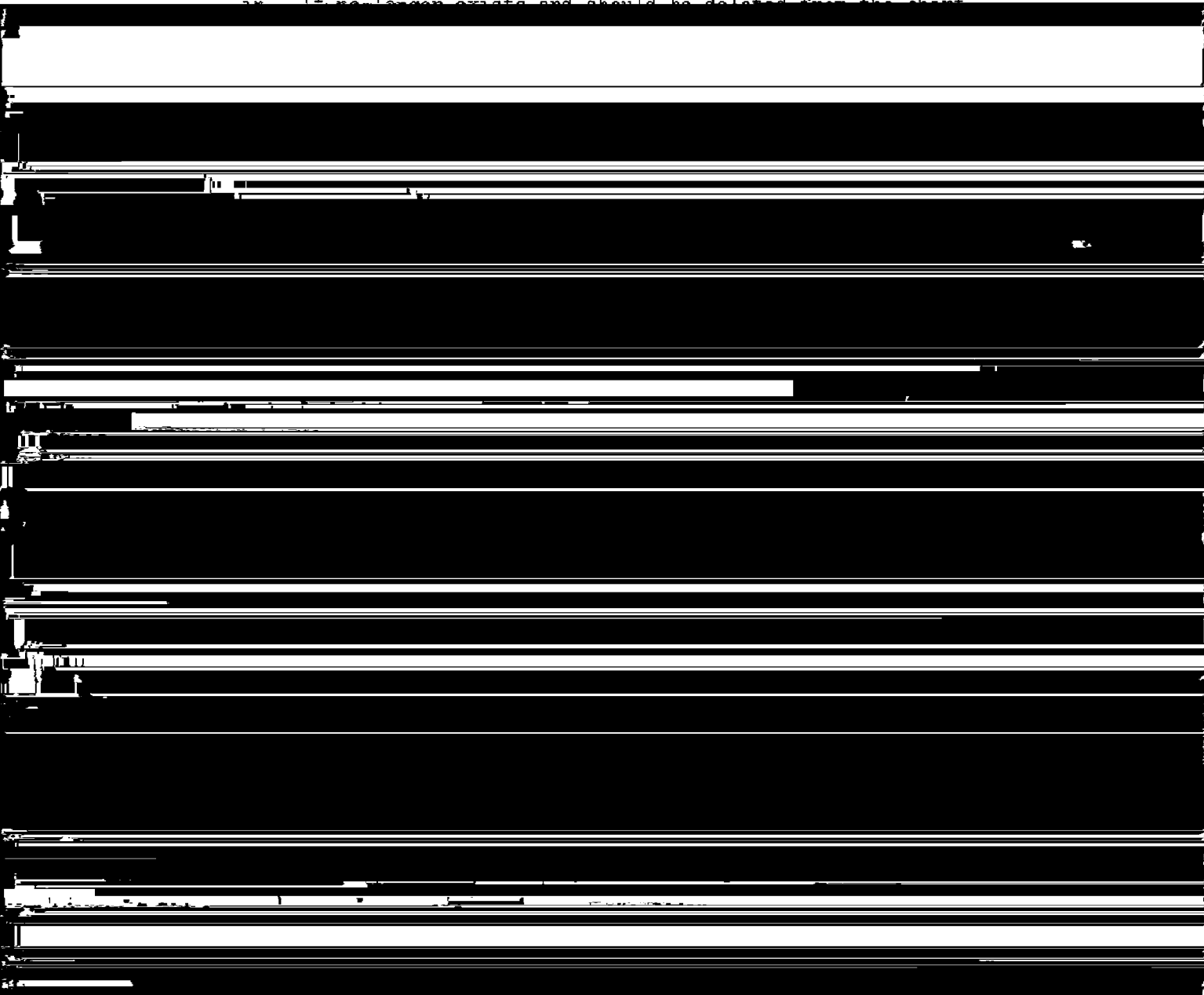
65. COMPARISON WITH NAUTICAL CHARTS:

West of Long.  $76^{\circ} 28'$ , a visual comparison was made with Chart 12281, 1:15,000 scale, 31st Edition, dated November 13, 1976.

A charted pier at Lat.  $39^{\circ} 14' 57''$ , Long.  $76^{\circ} 29' 57''$  was deleted by the field editor and, therefore, is not shown on TP-00844. Later, when hydrography was in progress, a new pier was under construction. This pier should be charted from the hydrographic data.

A charted platform at Lat.  $39^{\circ} 14' 56''$ , Long.  $76^{\circ} 29' 05''$  was deleted by the field editor; it no longer exists.

Greys Creek, Lat.  $39^{\circ} 14.7'$ , Long.  $76^{\circ} 29.2'$  has been filled in. It no longer exists and should be deleted from the chart.



### 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]