

TP-00841

TP-00841

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-00841

Classification No. Edition No. 1

Field Edited Map

LOCALITY

State Maryland

General Locality Baltimore Harbor

Locality Mouth of Patapsco River

1974 TO 1975

REGISTRY IN ARCHIVES

DATE

DESCRIPTIVE REPORT - DATA RECORD

<input checked="" type="checkbox"/> ORIGINAL	SURVEY TP. 00841
<input type="checkbox"/> RESURVEY	MAP EDITION NO. (1)
<input type="checkbox"/> REVISED	MAP CLASS Final JOB XBR CM-7415

PHOTOGRAMMETRIC OFFICE

Coastal Mapping Division
Atlantic Marine Center, Norfolk, VA

OFFICER-IN-CHARGE

Jeffrey G. Carlen, Cdr.

LAST PRECEDING MAP EDITION

<input type="checkbox"/> ORIGINAL	JOB PH. _____
<input type="checkbox"/> RESURVEY	MAP CLASS _____
<input type="checkbox"/> REVISED	SURVEY DATES: 19 ____ TO 19 ____

I. INSTRUCTIONS DATED

1. OFFICE

Aerotriangulation 7 Feb 1975
Compilation 12 Mar 1975

2. FIELD

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	4. GRID(S)	
Polyconic	STATE Maryland	ZONE
5. SCALE 1:5,000	STATE	ZONE

III. HISTORY OF OFFICE OPERATIONS

OPERATIONS	NAME	DATE
1. AEROTRIANGULATION METHOD: Analytic	I. Rayborn	Apr 1975
LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS METHOD: Calcomp	R. Robertson	Apr 1975
PLOTTED BY	R. Robertson	Apr 1975
CHECKED BY		
3. STEREOSCOPIC INSTRUMENT COMPILATION	C. Blood	Jul 1975
INSTRUMENT: Wild B-8	L. O. Neterer, Jr.	Jul 1975
SCALE: 1:7,500	NA	
CHECKED BY	NA	
4. MANUSCRIPT DELINEATION	J. Roderick	Aug, Oct 1975
PLANIOMETRY BY	F. Margiotta (Partial)	Aug 1975
CHECKED BY		
CONTOURS BY	NA	
CHECKED BY	NA	
METHOD: Smooth drafted	NA	
SCALE: 1:5,000	NA	
HYDRO SUPPORT DATA BY	NA	
CHECKED BY	NA	
5. OFFICE INSPECTION PRIOR TO FIELD EDIT Jim Byrd	F. Margiotta (Partial)	Aug 1975
BY	D. Butler	Jan 1976
CHECKED BY	A. L. Shands	Feb 1976
6. APPLICATION OF FIELD EDIT DATA	A. L. Shands	Feb 1976
BY	C. H. Bishop	Mar 1977
CHECKED BY	C. H. Bishop	May 1977
7. COMPILATION SECTION REVIEW	J. B. Phillips	June 1977
BY	R. T. Carter	July 1977
8. FINAL REVIEW		
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH		
BY		
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH		
BY		
11. MAP REGISTERED - COASTAL SURVEY SECTION		
BY		

TP-00841
COMPILATION SOURCES

1. COMPILATION PHOTOGRAPHY

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

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
74E(C)6933-6936*	17 Oct 74	13:10	1:15,000	0.1 ft. below MLW
74E(C)7281-7282*	21 Oct 74	10:46	1:15,000	0.9 ft. above MLW

REMARKS

*Compilation photography

2. SOURCE OF MEAN HIGH-WATER LINE:

The MHWL was compiled from office interpretation of the above listed photographs and field edit corrections at:

Lat. $39^{\circ} 14' 29''$ to $44''$, Long. $76^{\circ} 36' 44''$ to $49''$, indicated on Photo 74E(C)6935
 Lat. $39^{\circ} 14' 47''$ to $53''$, Long. $76^{\circ} 36' 00''$, indicated on Photo 74E(C)6934
 Vicinity of Lat. $39^{\circ} 14' 40''$, Long. $76^{\circ} 35' 40''$, indicated on Photo 74E(C)6934
 Vicinity of Lat. $39^{\circ} 14' 40''$, Long. $76^{\circ} 35' 30''$, indicated on Photo 74E(C)6934

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

None compiled.

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

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

5. FINAL JUNCTIONS

NORTH	EAST	SOUTH	WEST
TP-00837	TP-00842	TP-00848 (1:10,000)	TP-00840

REMARKS

TP-00841

HISTORY OF FIELD OPERATIONS

I. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	Sep 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	BY
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	NA

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED	2. VERTICAL CONTROL IDENTIFIED		
None	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 date submitted to the Geodesy Division)

None

TP-00841
HISTORY OF FIELD OPERATIONSII. FIELD INSPECTION OPERATION FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	George W. Jamerson	Sept-Oct 1975
RECOVERED BY	G. W. J.	Sept 1975
2. HORIZONTAL CONTROL	ESTABLISHED BY	NA
PRE-MARKED OR IDENTIFIED BY	NA	
RECOVERED BY	NA	
3. VERTICAL CONTROL	ESTABLISHED BY	NA
PRE-MARKED OR IDENTIFIED BY	NA	
RECOVERED (Triangulation Stations) BY	G. W. J.	Oct. 1975
4. LANDMARKS AND AIDS TO NAVIGATION	LOCATED (Field Methods) BY	NA
Verified	XXANXANX BY	G. W. J.
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
<input type="checkbox"/> COMPLETE	BY	
<input type="checkbox"/> SPECIFIC NAMES ONLY		
<input checked="" type="checkbox"/> NO INVESTIGATION		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	G. W. J.
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)

74 E(C) 6934, 6935, 7282

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

Data for objects verified in the field are listed under 8. below.

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME

5. GEOGRAPHIC NAMES: 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
- 1 Field Edit Ozalid
- 1 Field Edit Report

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00841
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	10 Oct 75	Class III Manuscript Superseded	24 Nov 75	21 Oct 75
Field Edit applied. Compilation complete.	Jan 76	Class I Manuscript Superseded	7 Jun 76	
Final Review	Mar 77		26 May 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		2 Jul 76	Landmarks for charts.
1		2 Jul 76	Landmarks for deletion.

2. REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 2 July 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 NO. 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:
 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				
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	<input type="checkbox"/> REVISED	<input type="checkbox"/> RESURVEY	MAP CLASS		
THIRD EDITION	SURVEY NUMBER TP - (3)	JOB NUMBER PH - _____	<input type="checkbox"/> II.	<input type="checkbox"/> III.	<input type="checkbox"/> IV.	<input type="checkbox"/> V.	<input type="checkbox"/> FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	<input type="checkbox"/> REVISED	<input type="checkbox"/> RESURVEY	MAP CLASS		
FOURTH EDITION	SURVEY NUMBER TP - (4)	JOB NUMBER PH - _____	TYPE OF SURVEY				
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	<input type="checkbox"/> II.	<input type="checkbox"/> III.	<input type="checkbox"/> IV.	<input type="checkbox"/> V.	<input type="checkbox"/> FINAL

51

TP-00037111 TP-00037112

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.

71
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:

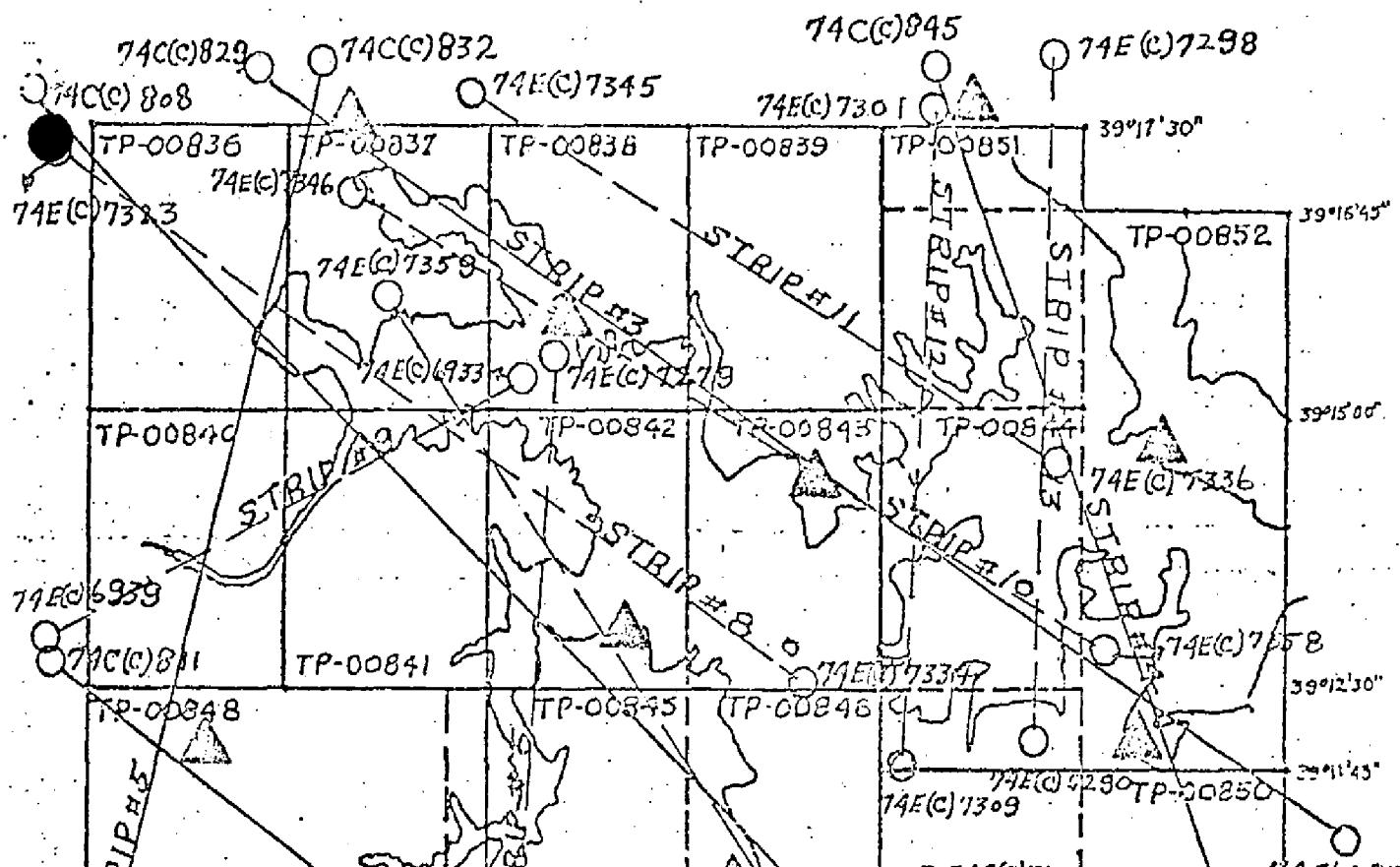
John D. Perrow Jr.
John D. Perrow, Jr.

Chief, Aerotriangulation Section

Respectfully submitted,

Ivey O. Raborn

Ivey O. Raborn



DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM			ORIGINATING ACTIVITY			Coastal Mapping		
		NA 1927			Division, Norfolk, VA			FORWARD	BACK	REMARKS
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	STATE	COORDINATES IN FEET	λ	φ	LATITUDE	λ	LONGITUDE	
COORDINATES IN FEET	ZONE									
FILL, 1934	G.P. Vol I P. 231	x=		φ 39 14 57.781			1781.9			(68.4)
		y=		λ 76 36 50.330			1206.9			(231.8)
INCINERATOR PLANT, NORTHERLY OF TWO STACKS, 1934	G.P. Vol I P. 235	x=		φ 39 14 53.375			1646.0			(204.3)
		y=		λ 76 37 00.444			10.6			(1428.1)
INCINERATOR PLANT, SOUTHERLY OF TWO STACKS, 1934	G.P. Vol I P. 235	x=		φ 39 14 52.770			1627.3			(223.0)
		y=		λ 76 37 01.014			24.3			(1414.4)
BROOKLYN, CHURCH SPIRE, 1915	G.P. Vol I P. 323	x=		φ 39 14 14.647			451.7			(1398.6)
		y=		λ 76 36 25.744			617.4			(821.6)
CURTIS BAY, TANK, 1957	G.P. Vol II P. 74	x=		φ 39 13 28.876			890.5			(959.8)
		y=		λ 76 35 34.922			837.7			(601.6)
DRYDOCK, 1934	G.P. Vol I P. 231	x=		φ 39 14 57.972			1787.7			(62.6)
		y=		λ 76 35 00.344			8.2			(1430.5)
BALTIMORE, U.S. ALCOHOL COMPANY STACK, 1933	G.P. Vol I P. 66	x=		φ 39 13 09.226			284.8			(1565.5)
		y=		λ 76 35 01.039			24.9			(1414.5)
		x=		φ						
		y=		λ						
		x=		φ						
		y=		λ						
		x=		φ						
		y=		λ						
COMPUTED BY A. C. Rauck, Jr.	DATE 5/21/75	COMPUTATION CHECKED BY E. Mauldin - C. Bishop								DATE 5/27/75 - 3/17/77
LISTED BY A. C. Rauck, Jr.	DATE 5/21/75	LISTING CHECKED BY E. Mauldin - C. Bishop								DATE 5/27/75 - 3/17/77
HAND PLOTTING BY A. C. Rauck, Jr.	DATE 5/22/75	HAND PLOTTING CHECKED BY E. Mauldin - C. Bishop								DATE 5/28/75 - 3/18/77

SUPERSEDES NOAA FORM 76-41, 2-71 EDITION WHICH IS OBSOLETE.

COMPIILATION REPORT

TP-00841

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter. Photography was adequate (1:15,000 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 office interpretation of the photographs.

36. OFFSHORE DETAILS:

None compiled.

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 forms, after field edit, 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:

No statement.

46. COMPARISON WITH EXISTING MAPS:

A comparison has been made with the following USGS Quadrangle: CURTIS BAY, 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. 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:

Joanne Roderick

Joanne Roderick
Cartographer
October 10, 1975

Approved:

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

ADDENDUM TO THE COMPILATION REPORT

TP-00841

FIELD EDIT

Field Edit was well done and complete. No problems were encountered while applying it to the manuscript.

Submitted by:

Charles H. Bishop

Charles H. Bishop
Final Reviewer
March 16, 1977

February 28, 1977

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7415 (Baltimore, Md.)

TP-00841

Baltimore

Baltimore & Ohio (RR)

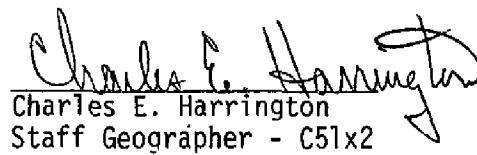
Cabin Branch

Curtis Bay

Patapsco River

Reed Bird Island

Approved by:


Charles E. Harrington
Staff Geographer - C51x2

PHOTOGRAMMETRIC OFFICE REVIEW

TP - 00841

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 XX	10. PHOTOGRAMMETRIC PLOT REPORT FPM	11. DETAIL POINTS FPM
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE FPM	13. LOW-WATER LINE XX	14. ROCKS, SHOALS, ETC. FPM	15. BRIDGES FPM
16. AIDS TO NAVIGATION FPM	17. LANDMARKS FPM	18. OTHER ALONGSHORE PHYSICAL FEATURES FPM	19. OTHER ALONGSHORE CULTURAL FEATURES FPM
PHYSICAL FEATURES			
20. WATER FEATURES FPM	21. NATURAL GROUND COVER NA	22. PLANETABLE CONTOURS NA	
23. STEREOSCOPIC INSTRUMENT CONTOURS NA	24. CONTOURS IN GENERAL NA	25. SPOT ELEVATIONS NA	26. OTHER PHYSICAL FEATURES 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 JLB	35. LEGIBILITY OF THE MANUSCRIPT FPM	
36. DISCREPANCY OVERLAY XX	37. DESCRIPTIVE REPORT XX	38. FIELD INSPECTION PHOTOGRAPHS FPM	39. FORMS FPM
40. REVIEWER Frank Margiotta (Partial) 8/75		SUPERVISOR, REVIEW SECTION OR UNIT all 100	



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

FIELD EDIT REPORT

TP-00841

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 noted. 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 COMPIRATION

Compilation was generally adequate. There were several changes in the shoreline; these are indicated on the photos. These areas were found to be somewhat in error in regard to the MHWL. Due to the stage of the tide at the time of photography in these particular areas, the shoreline was changed by field edit to reflect the correct MHWL. The remaining areas on this sheet that were not changed were found to be properly delineated due to the steeper shoreline in these areas. Refer to the photographs. There was an area delineated as an island in the vicinity of approximate lat. $39^{\circ} 15' 05''$, long. $76^{\circ} 35' 25''$ which should be checked against hydrography to confirm the island. The island was covered at the time of field edit of this sheet, however was not covered at the time of edit of sheet TP-00837 on which the island is delineated. Reference therefore should be made to the boatsheet and sheet TP-00837.

An area near the mouth of the Patapsco River indicated as shallow was not delineated further by field edit. The area was approximately correct as shown by photos, however it is recommended that reference to the boatsheet be made. All questions are answered and appear on the field edit ozalid as do other notes.



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

Compilation will be complete with the application of field edit data.

56. GEOGRAPHIC NAMES

No discrepancies were found while editing this sheet.

57. LANDMARKS AND AIDS TO NAVIGATION

There are five landmarks on this sheet recommended for charting and two recommended for deletion.

There are no non-floating aids to navigation on this sheet.

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

Respectfully submitted,

George W. Jamerson

George W. Jamerson
Lt. NOAA
November, 1975

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION				ORIGINATING ACTIVITY			
<input type="checkbox"/> HYDROGRAPHIC PARTY <input type="checkbox"/> GEODETIC PARTY <input type="checkbox"/> PHOTO FIELD PARTY <input type="checkbox"/> COMPILATION ACTIVITY <input type="checkbox"/> FINAL REVIEWER <input type="checkbox"/> QUALITY CONTROL & REVIEW GRP. <input type="checkbox"/> COAST PILOT BRANCH				<input type="checkbox"/> FIELD PARTY <input type="checkbox"/> FIELD			
<input checked="" type="checkbox"/> TO BE CHARTED ✓ <input type="checkbox"/> TO BE REVISED <input type="checkbox"/> TO BE DELETED				REPORTING UNIT (Field Party, Ship or Office) Coastal Mapping Div. ✓ A.M.C. Norfolk, Va.			
STATE Maryland ✓				LOCALITY Baltimore Harbor ✓			
				DATE Jan. 1976			
The following objects HAVE NOT <input type="checkbox"/> been inspected from seaward to determine their value as landmarks. (See reverse for responsible personnel)							
OPR PROJECT NO.	JOB NUMBER	SURVEY NUMBER	DATUM	METHOD AND DATE OF LOCATION (See instructions on reverse side)			
				POSITION	CHARTS Affected		
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		
STACK ✓	(Incinerator Plant, Northerly of Two Stacks, 1934) Ht.=220(235)	39 14 ✓	53.375 ✓	00.4614 ✓	74E(C)6935 ✓	Triang. Rec.	12273 ✓
STACK ✓	(Incinerator Plant, Southerly of Two Stacks, 1934) Ht.=220(235) Deleted 6-1937	39 14 ✓	1646.0 ✓	76 37 ✓	Oct. 17, 1974 ✓	Oct. 1975 ✓	12279 ✓
SPIRE ✓	(Brooklyn Church Spire, 1915), ciphers Ht.=86(116)	39 14 ✓	52.770 ✓	01.014 ✓	" ✓	" ✓	12281 ✓
STACK ✓	(Baltimore, U.S. Alcohol Company, Stack, 1933) Ht.=184(204)	39 13 ✓	1627.3 ✓	76 37 ✓	" ✓	" ✓	" ✓
STACK ✓	Ht.=90(120) ✓	39 12 ✓	1456 ✓	76 35 ✓	25.01 ✓	F-V-Vis. Oct. 1975 ✓	" ✓
(See reverse for responsible personnel)							

REVIEW REPORT
TP-00841

SHORELINE

March 17, 1977

61. GENERAL STATEMENT:

See Summary which is Page 6 of this Descriptive Report.

A comparison print showing differences noted in Par. 65 is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with a copy of Survey T-5346, 1:10,000 scale, mapped from photography of April and May 1934. There has been much buildup of shoreline since 1934 - there are large differences between the two maps.

In the area compared, TP-00841 supersedes T-5346 for nautical chart construction purposes. T-5346 is the latest registered prior survey of the area.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

[REDACTED]

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
March 17, 1977

Approved for forwarding:

Joseph W. Vonasek

Joseph W. Vonasek
Chief, Photogrammetric Branch, AMC

Approved:

[Signature]

Chief, Photogrammetric Branch

[Signature]

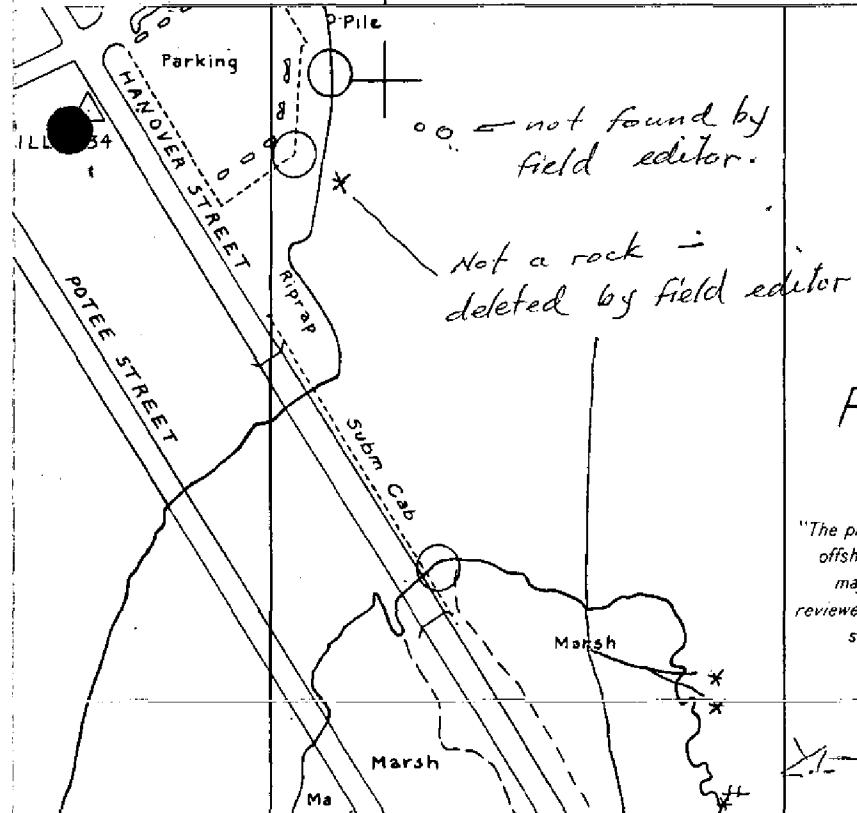
Chief, Coastal Mapping Division

36° 45"

x = 910,000 FT

76° 36' 30"

x = 912,000 FT

36° 15' 45" K
39° 55' 00"

PATAPSCO

R 1

NOTE:

"The photogrammetric location and delineation of features offshore from the mean high-water line on this survey may not be complete or final. The contemporary reviewed hydrographic survey of the area where available, should be consulted for the final delineation."

Wrecks and piling
not found by field editor or hydrographer

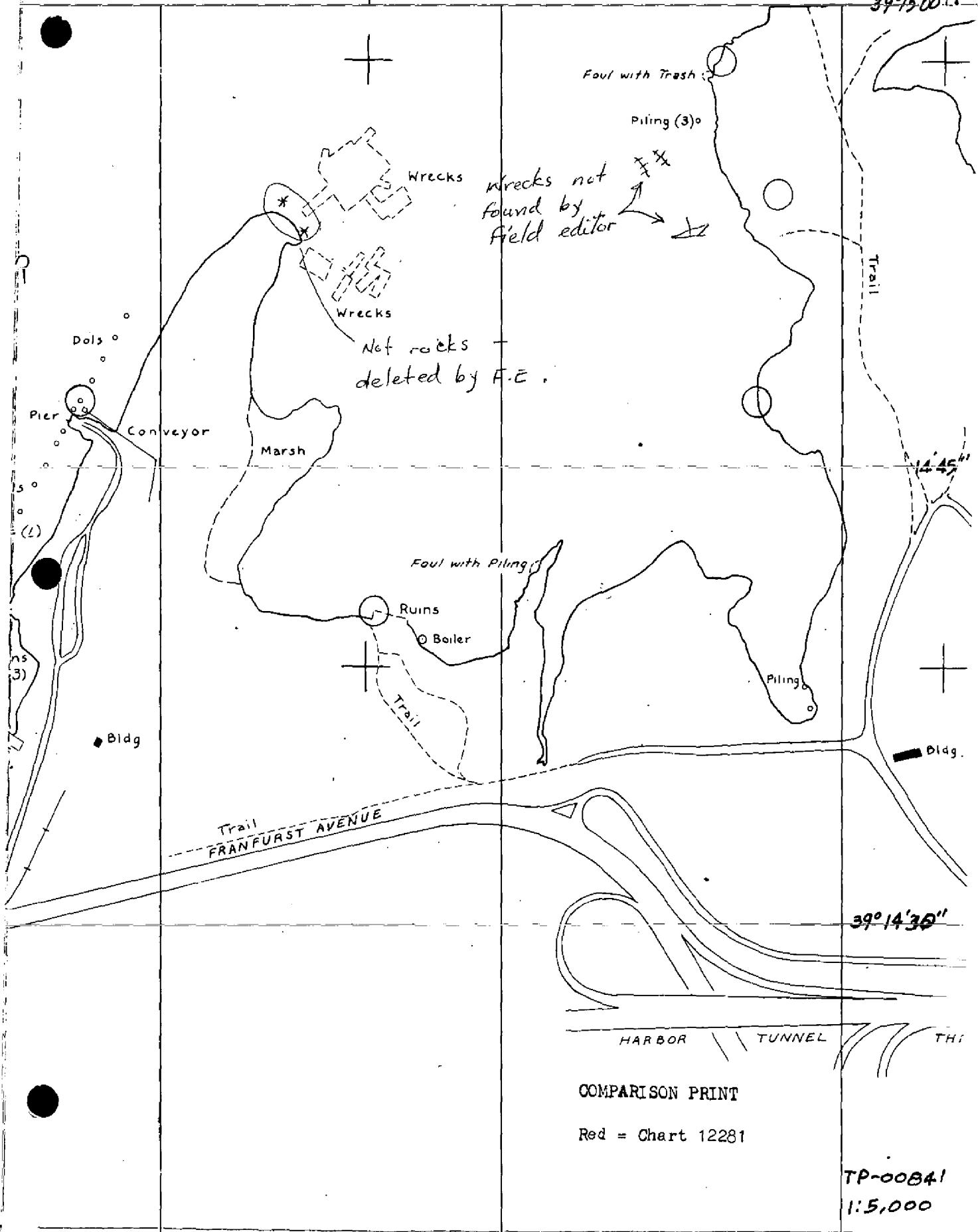
14' 45"

36°00" x 914,000 FT

76°35'45"

35°30"

39°15'00"



RECORD OF APPLICATION TO CHARTS

TP-00841

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
1. Letter all information.

2. Letter all information.
3. In "Remarks" column cross out words that do not apply.
4. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.