

TP-00841

ORIGINAL

TP-00841

NOAA FORM 76-35

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

## DESCRIPTIVE REPORT

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Type of Survey ..... Shoreline .....

Job No. .... CM-7415 ..... Map No. .... TP-00841 .....

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

Field Edited Map

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### LOCALITY

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

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

Locality ..... Mouth of Patapsco River .....

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1974 TO 1975

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### REGISTRY IN ARCHIVES

DATE .....

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.		TYPE OF SURVEY		SURVEY TP. <u>00841</u>	
DESCRIPTIVE REPORT - DATA RECORD				<input checked="" type="checkbox"/> ORIGINAL		MAP EDITION NO. (1)	
				<input type="checkbox"/> RESURVEY		MAP CLASS Final	
PHOTOGRAMMETRIC OFFICE Coastal Mapping Division Atlantic Marine Center, Norfolk, VA				<input type="checkbox"/> REVISED		JOB <u>XDC:CM-7415</u>	
				OFFICER-IN-CHARGE  Jeffrey G. Carlen, Cdr.			
				TYPE OF SURVEY		JOB PH. _____	
				<input type="checkbox"/> ORIGINAL		MAP CLASS _____	
				<input type="checkbox"/> RESURVEY		SURVEY DATES:	
				<input type="checkbox"/> REVISED		19__ TO 19__	
I. INSTRUCTIONS DATED							
1. OFFICE				2. FIELD			
Aerotriangulation 7 Feb 1975				August 16, 1974			
Compilation 12 Mar 1975							
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 BY I. Rayborn						Apr 1975	
METHOD: Analytic LANDMARKS AND AIDS BY							
2. CONTROL AND BRIDGE POINTS PLOTTED BY R. Robertson						Apr 1975	
METHOD: Calcomp CHECKED BY R. Robertson						Apr 1975	
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY C. Blood						Jul 1975	
COMPILATION CHECKED BY L. O. Neterer, Jr.						Jul 1975	
INSTRUMENT: Wild B-8 CONTOURS BY NA							
SCALE: 1:7,500 CHECKED BY NA							
4. MANUSCRIPT DELINEATION PLANIMETRY BY J. Roderick						Aug, Oct 1975	
CHECKED BY E. Margiotta (Partial)						Aug 1975	
METHOD: Smooth drafted CONTOURS BY NA							
SCALE: 1:5,000 CHECKED BY NA							
5. OFFICE INSPECTION PRIOR TO FIELD EDIT Jim Byrd <sup>at 1976</sup> & BY E. Margiotta (Partial)						Aug 1975	
6. APPLICATION OF FIELD EDIT DATA BY D. Butler						Jan 1976	
CHECKED BY A. L. Shands						Feb 1976	
7. COMPILATION SECTION REVIEW BY A. L. Shands						Feb 1976	
8. FINAL REVIEW BY C. H. Bishop						Mar 1977	
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY C. H. Bishop						May 1977	
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY J. B. Phillips						June 1977	
11. MAP REGISTERED - COASTAL SURVEY SECTION BY R. T. Catler						July 1977	

NOAA FORM 76-36B (3-72)	U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY
TP-00841 <b>COMPILATION SOURCES</b>	

**1. COMPILATION PHOTOGRAPHY**

CAMERA(S) Wild RC-8"E" and RC-10"C"	TYPES OF PHOTOGRAPHY LEGEND	TIME REFERENCE
TIDE STAGE REFERENCE Baltimore	X (C) COLOR (P) PANCHROMATIC (I) INFRARED	ZONE
<input checked="" type="checkbox"/> PREDICTED TIDES Fort McHenry		Eastern
<input type="checkbox"/> REFERENCE STATION RECORDS		MERIDIAN
<input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		75th
<input type="checkbox"/> TIDE CONTROLLED PHOTOGRAPHY		<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° 14' 29" to 44", Long. 76° 36' 44" to 49", indicated on Photo 74E(C)6935  
 Lat. 39° 14' 47" to 53", Long. 76° 36' 00", indicated on Photo 74E(C)6934  
 Vicinity of Lat. 39° 14' 40"; Long. 76° 35' 40", indicated on Photo 74E(C)6934  
 Vicinity of Lat. 39° 14' 40"; Long. 76° 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 TP-00837	EAST TP-00842	SOUTH TP-00848 (1:10,000)	WEST TP-00840
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REMARKS

TP-00841

**HISTORY OF FIELD OPERATIONS**

1. <input checked="" type="checkbox"/> FIELD INSPECTION OPERATION		<input type="checkbox"/> FIELD EDIT OPERATION	
OPERATION	NAME	DATE	
1. CHIEF OF FIELD PARTY	R. S. Tibbetts	Sep 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 ( <i>Triangulation Stations</i> ) BY	None	
	LOCATED ( <i>Field Methods</i> ) 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		2. VERTICAL CONTROL IDENTIFIED	
None		NA	
PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
3. PHOTO NUMBERS ( <i>Clarification of details</i> )			
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 ( <i>Sketch books, etc. DO NOT list data submitted to the Geodesy Division</i> )			
None			

TP-00841  
**HISTORY OF FIELD OPERATIONS**

I.  FIELD INSPECTION OPERATION       FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	George W. Jamerson	Sept-Oct 1975
2. HORIZONTAL CONTROL	RECOVERED BY G. W. J.	Sept 1975
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
3. VERTICAL CONTROL	RECOVERED BY NA	
	ESTABLISHED BY NA	
	PRE-MARKED OR IDENTIFIED BY NA	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY G. W. J.	Oct. 1975
	LOCATED (Field Methods) BY NA	
	Verified <del>JOSEPH W. KIRK</del> BY G. W. J.	Oct. 1975
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 G. W. J.	Oct. 1975
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

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)  
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 ADMINISTRATION

TP-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.

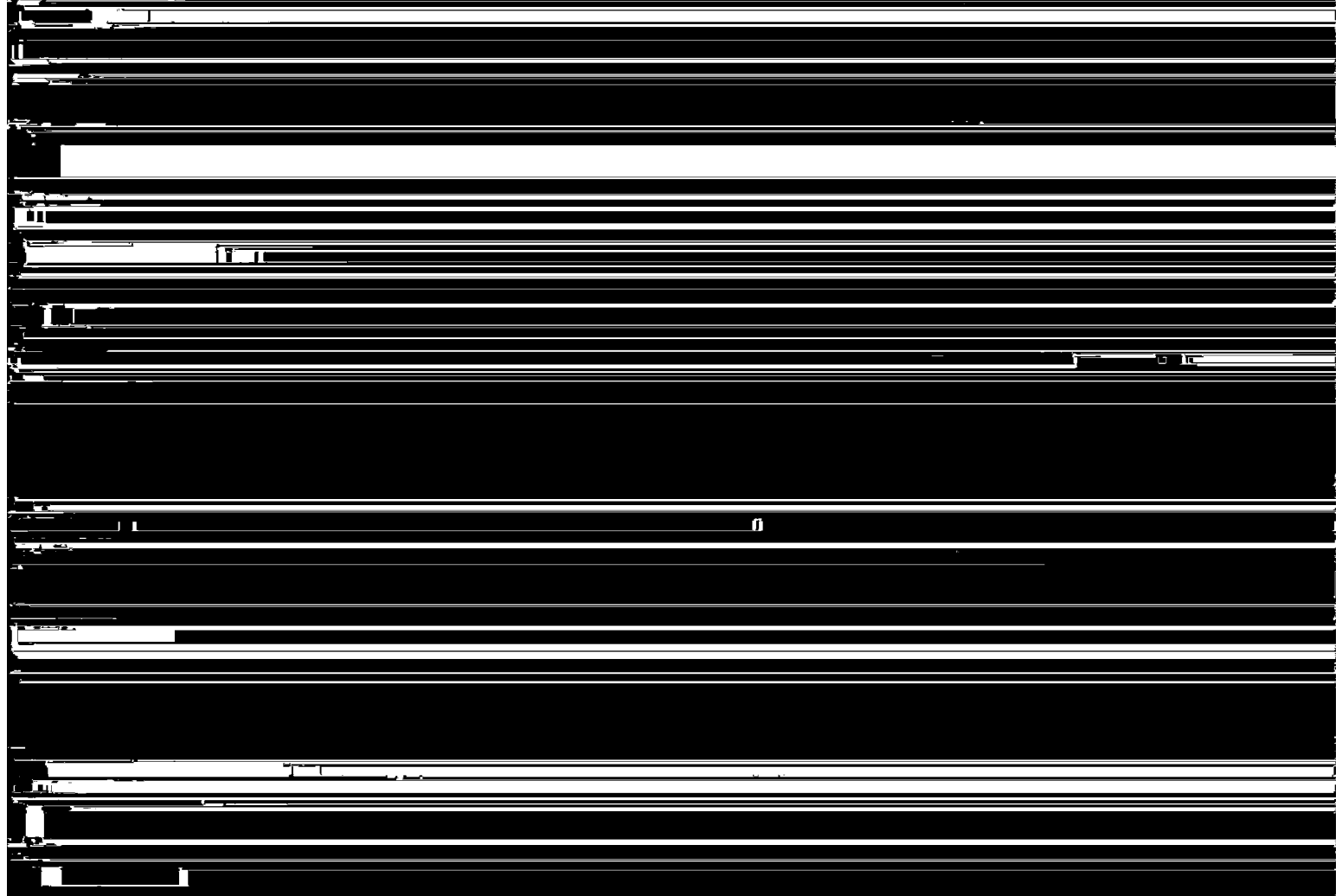
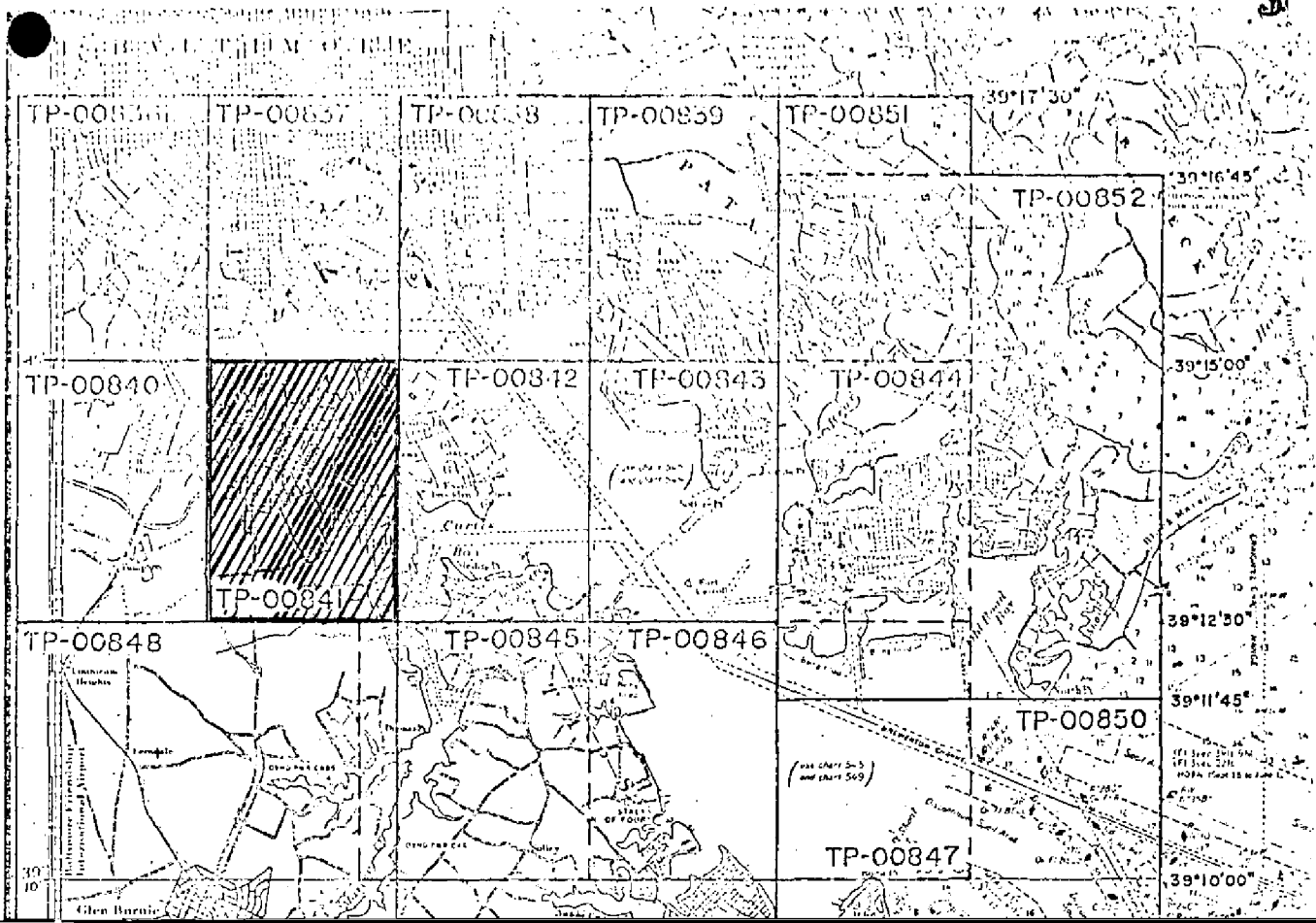
2.  REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: 2 July 1976
3.  REPORT TO AERONAUTICAL CHART DIVISION, AERONAUTICAL DATA SECTION. DATE FORWARDED: \_\_\_\_\_

**III. FEDERAL RECORDS CENTER DATA**

1.  BRIDGING PHOTOGRAPHS;  DUPLICATE BRIDGING REPORT;  COMPUTER READOUTS.
2.  CONTROL STATION IDENTIFICATION CARDS;  FORM ~~NOA 702~~ <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



## 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

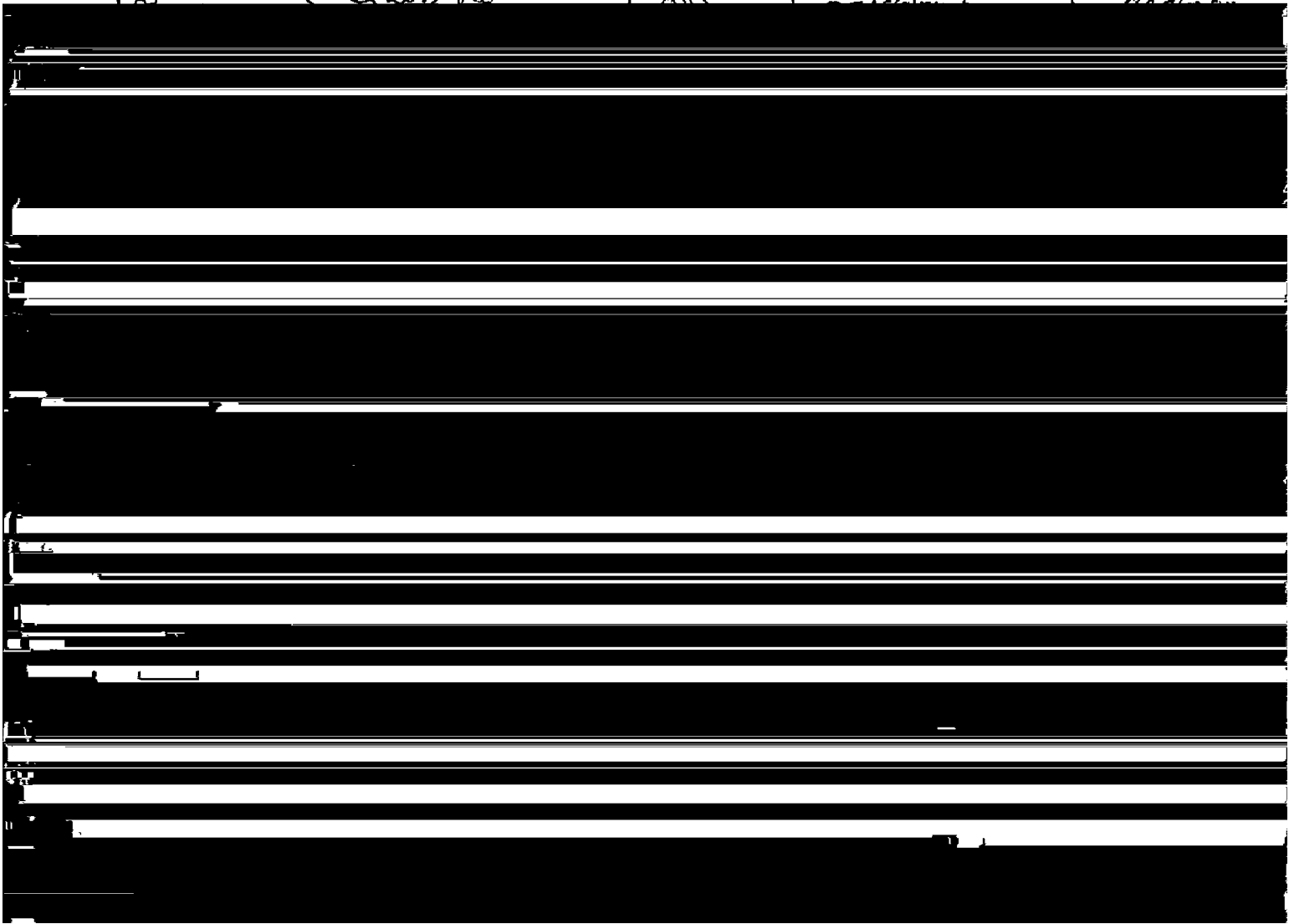
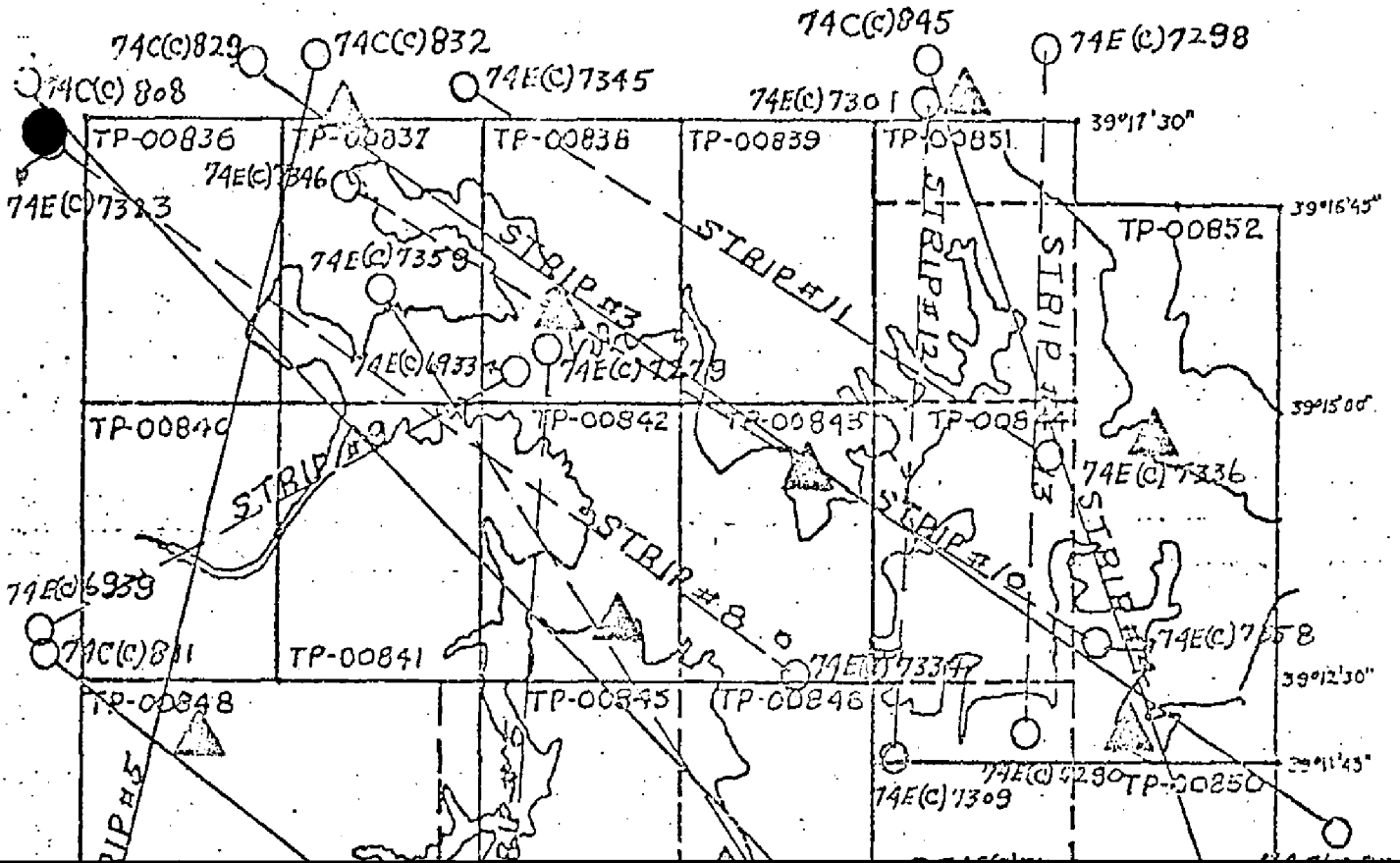
The photography was adequate as to coverage and overlap. Definition was poor due to haze at time of photography.

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.	STATION NAME	JOB NO.	GEODETTIC DATUM		AEROTRI- ANGULATION POINT NUMBER	SOURCE OF INFORMATION (Index)	COORDINATES IN FEET		GEOGRAPHIC POSITION		REMARKS	
			NA	1927			STATE	ZONE	$\phi$ LATITUDE	$\lambda$ LONGITUDE		FORWARD
TP-00841		AM-7415										
	FILL, 1934	G.P. Vol I P. 231	x=				x=	$\phi$ 39 14	57.781		1781.9	(68.4)
			y=				y=	$\lambda$ 76 36	50.330		1206.9	(231.8)
	INCINERATOR PLANT, NORTHERLY OF TWO STACKS, 1934	G.P. Vol I P. 235	x=				x=	$\phi$ 39 14	53.375		1646.0	(204.3)
			y=				y=	$\lambda$ 76 37	00.444		10.6	(1428.1)
	INCINERATOR PLANT, SOUTHERLY OF TWO STACKS, 1934	G.P. Vol I P. 235	x=				x=	$\phi$ 39 14	52.770		1627.3	(223.0)
			y=				y=	$\lambda$ 76 37	01.014		24.3	(1414.4)
	BROOKLYN, CHURCH SPIRE, 1915	G.P. Vol I P. 323	x=				x=	$\phi$ 39 14	14.647		451.7	(1398.6)
			y=				y=	$\lambda$ 76 36	25.744		617.4	(821.6)
	CURTIS BAY, TANK, 1957	G.P. Vol II P. 74	x=				x=	$\phi$ 39 13	28.876		890.5	(959.8)
			y=				y=	$\lambda$ 76 35	34.922		837.7	(601.6)
	DRYDOCK, 1934	G.P. Vol I P. 231	x=				x=	$\phi$ 39 14	57.972		1787.7	(62.6)
			y=				y=	$\lambda$ 76 35	00.344		8.2	(1430.5)
	BAITMORE, U.S. ALCOHOL COMPANY STACK, 1933	G.P. Vol I P. 66	x=				x=	$\phi$ 39 13	09.236		284.8	(1565.5)
			y=				y=	$\lambda$ 76 35	01.039		24.9	(1414.5)
			x=				x=	$\phi$				
			y=				y=	$\lambda$				
			x=				x=	$\phi$				
			y=				y=	$\lambda$				
			x=				x=	$\phi$				
			y=				y=	$\lambda$				
COMPUTED BY A. C. Rauck, Jr.					DATE 5/21/75			COMPUTATION CHECKED BY F. Mauldin - C. Bishop			DATE 5/27/75	3/17/77
LISTED BY A. C. Rauck, Jr.					DATE 5/21/75			LISTING CHECKED BY F. 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 F. Mauldin - C. Bishop			DATE 5/28/75	3/18/77

## COMPILATION 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 &amp; Ohio (RR)

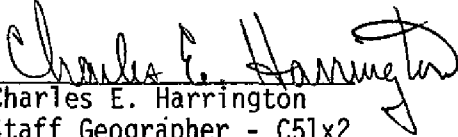
Cabin Branch

Curtis Bay

Patapsco River

Reed Bird Island

Approved by:

  
Charles E. Harrington  
Staff Geographer - C51x2

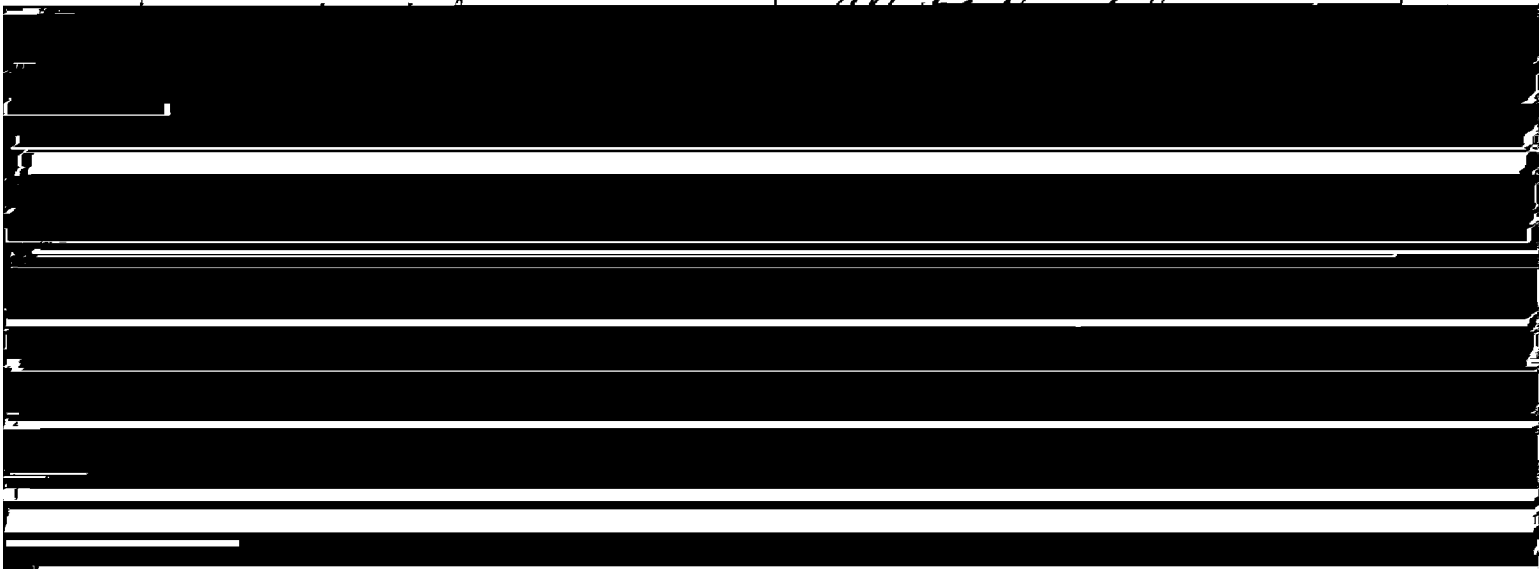
FORM C&GS-1002  
(9-66)

U.S. DEPARTMENT OF COMMERCE  
ESSA  
COAST AND GEODETIC SURVEY

**PHOTOGRAMMETRIC OFFICE REVIEW**

T - 00841

1. PROJECTION AND GRIDS  FPM		2. TITLE  FPM		3. MANUSCRIPT NUMBERS  FPM		4. MANUSCRIPT SIZE  FPM	
<b>CONTROL STATIONS</b>							
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	
<b>ALONGSHORE AREAS (Nautical Chart Data)</b>							
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	
<b>PHYSICAL FEATURES</b>							
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	
<b>CULTURAL FEATURES</b>							
27. ROADS  FPM		28. BUILDINGS  FPM		29. RAILROADS  FPM		30. OTHER CULTURAL FEATURES  FPM	
<b>BOUNDARIES</b>							
31. BOUNDARY LINES  NA				32. PUBLIC LAND LINES  NA			
<b>MISCELLANEOUS</b>							
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 <i>all hand</i>			







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 COMPILATION

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

NOAA FORM 76-40  
(8-74)

Replaces C&GS Form 567.

TO BE CHARTED  
 TO BE REVISED  
 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

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
~~NON-REPORTING AND/OR~~ 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  / HAVE NOT  been inspected from seaward to determine their value as landmarks.

CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	DATUM		POSITION		LONGITUDE		METHOD AND DATE OF LOCATION (See instructions on reverse side)		CHARTS AFFECTED
		JOB NUMBER	SURVEY NUMBER	LATITUDE	LONGITUDE	OFFICE	FIELD	METHOD AND DATE OF LOCATION		
								D.M. Meters	D.P. Meters	
514 ✓	CM-7415 ✓	TP-00841 ✓	N.A, 1927 ✓							
STACK ✓	(Incinerator Plant, Northerly of Two Stacks, 1934) Ht.=220(235) ✓	39 14 ✓	76 37 ✓	53.375 ✓	00.144 ✓	74E(C)6935 ✓	Triang. Rec. Oct. 1975 ✓			12273 ✓ 12279 ✓ 12281 ✓
STACK ✓	(Incinerator Plant, Southerly of Two Stacks, 1934) Ht.=220(235) ✓ <i>Deleted 1-93/77</i>	39 14 ✓	76 37 ✓	52.770 ✓	01.014 ✓	" ✓	" ✓			" ✓ " ✓ " ✓
SPIRE ✓	(Brooklyn Church Spire, 1915), <i>CHARTED</i> ✓ Ht.=86(116)	39 14 ✓	76 36 ✓	14.647 ✓	25.744 ✓	" ✓	" ✓			" ✓ " ✓ " ✓
STACK ✓	(Baltimore, U.S. Alcohol Company, Stack, 1933) Ht.=184(204) ✓	39 13 ✓	76 35 ✓	09.236 ✓	01.039 ✓	74E(C)7282 ✓	Triang. Rec. Nov. 1975 ✓			" ✓ " ✓ " ✓
STACK ✓	Ht.=90(120) ✓	39 12 ✓	76 35 ✓	47.21 ✓	25.01 ✓		F-V-Vis. Oct. 1975 ✓			" ✓ " ✓ " ✓

✓ F T m

Replaces C&GS Form 567.

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

LANDMARKS FOR CHARTS

<input type="checkbox"/> TO BE CHARTED <input type="checkbox"/> TO BE REVISED <input checked="" 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	ORIGINATING ACTIVITY <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)	
OPR PROJECT NO. 514		JOB NUMBER CM-7415	SURVEY NUMBER TP-00841	DATUM N.A. 1927		METHOD AND DATE OF LOCATION (See instructions on reverse side)	CHARTS AFFECTED
CHARTING NAME	DESCRIPTION (Record reason for deletion of landmark or aid to navigation. Show triangulation station names, where applicable, in parentheses)	POSITION		LONGITUDE	OFFICE	FIELD	CHARTS AFFECTED
		LATITUDE D.M. Meters	LONGITUDE D.P. Meters				
TANK	(Curtis Bay, Charles Walton Company, Tank, 1957) Tank destroyed.	39 12	76 35	30.653 735.4	74E(C)7282 Oct. 21, 1974	F-V-Vis. Oct. 1975	12273 12279 12281
TANK	Tank not visible.	39 13.1	76 35.1	30.653 735.4	74E(C)7282 Oct. 21, 1974	F-V-Vis. Oct. 1975	12273 12279 12281

REVIEW REPORT  
TP-00841

SHORELINE

March 17, 1977

61. GENERAL STATEMENT:

See Summary which is Page 6 of this Descriptive Report.

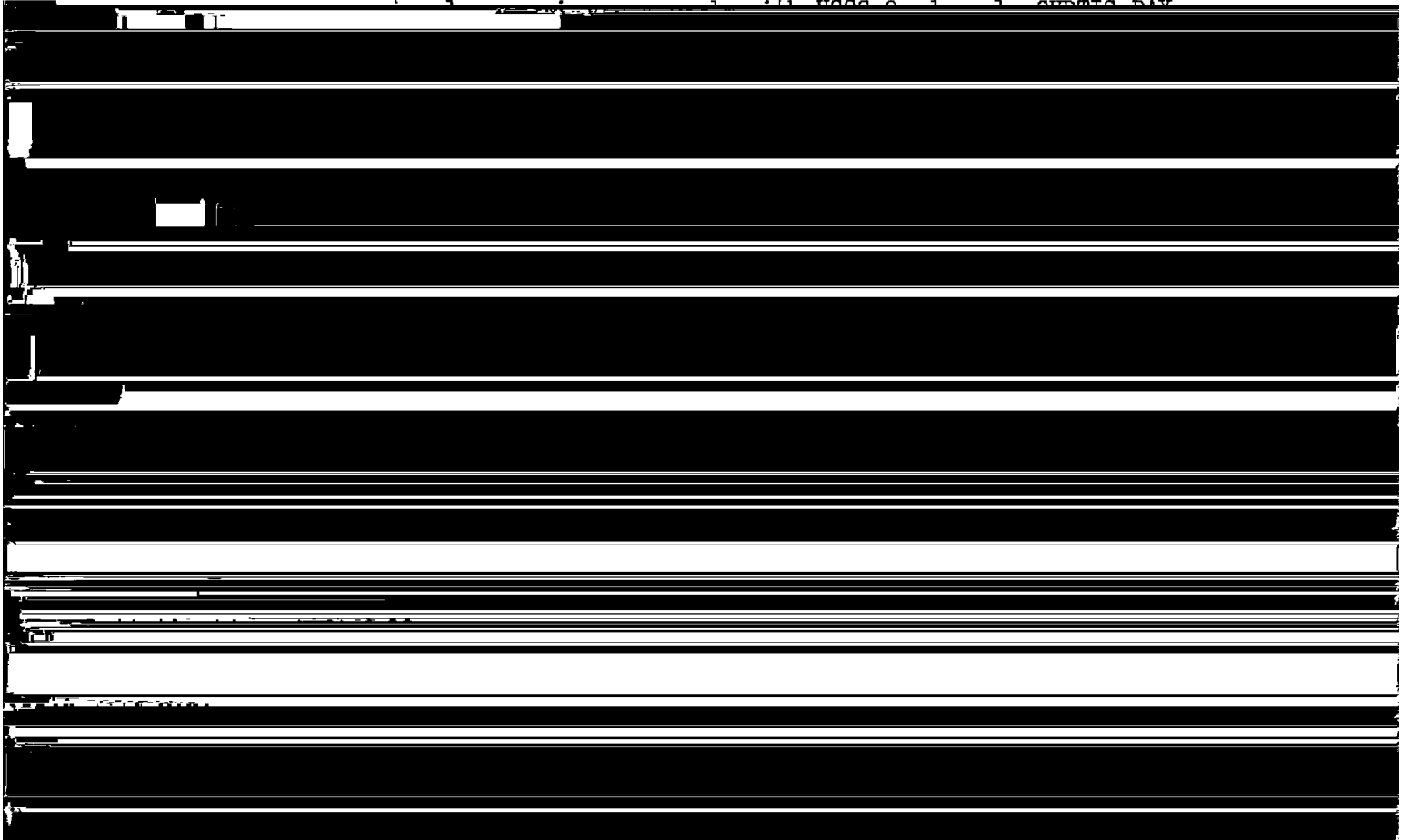
A comparison print showing differences noted in Par. 65 is bound with the original of this report.

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:



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:  
*R.K. Thompson*  
Chief, Photogrammetric Branch

*James H. ...*  
Chief, Coastal Mapping Division

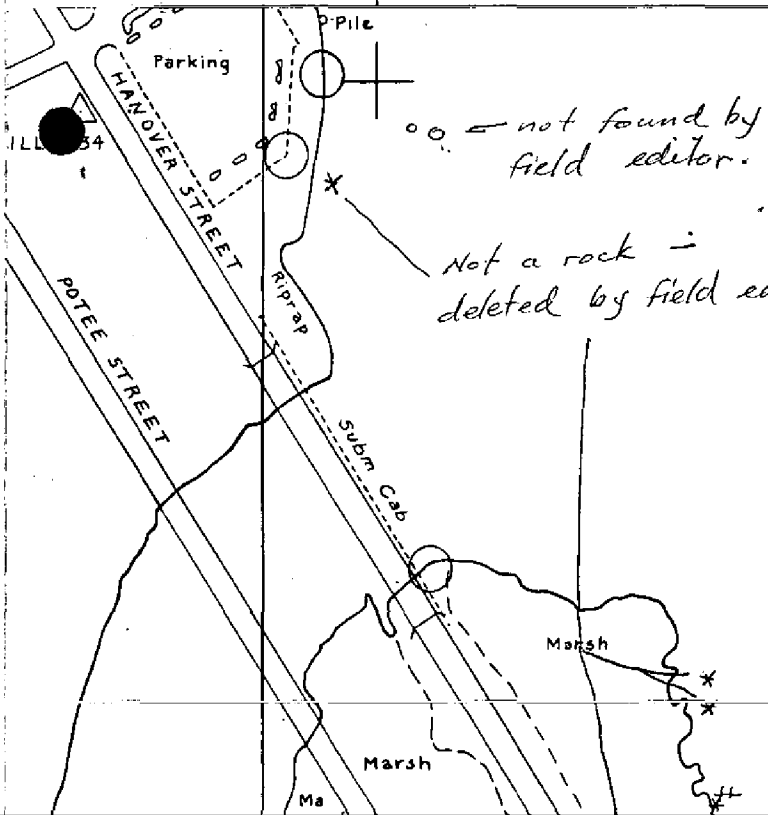
36'45"

X=910,000FT

76°36'30"

X=912,000 FT

36'15" 39'15" 00"



not found by field editor.

Not a rock - deleted by field editor

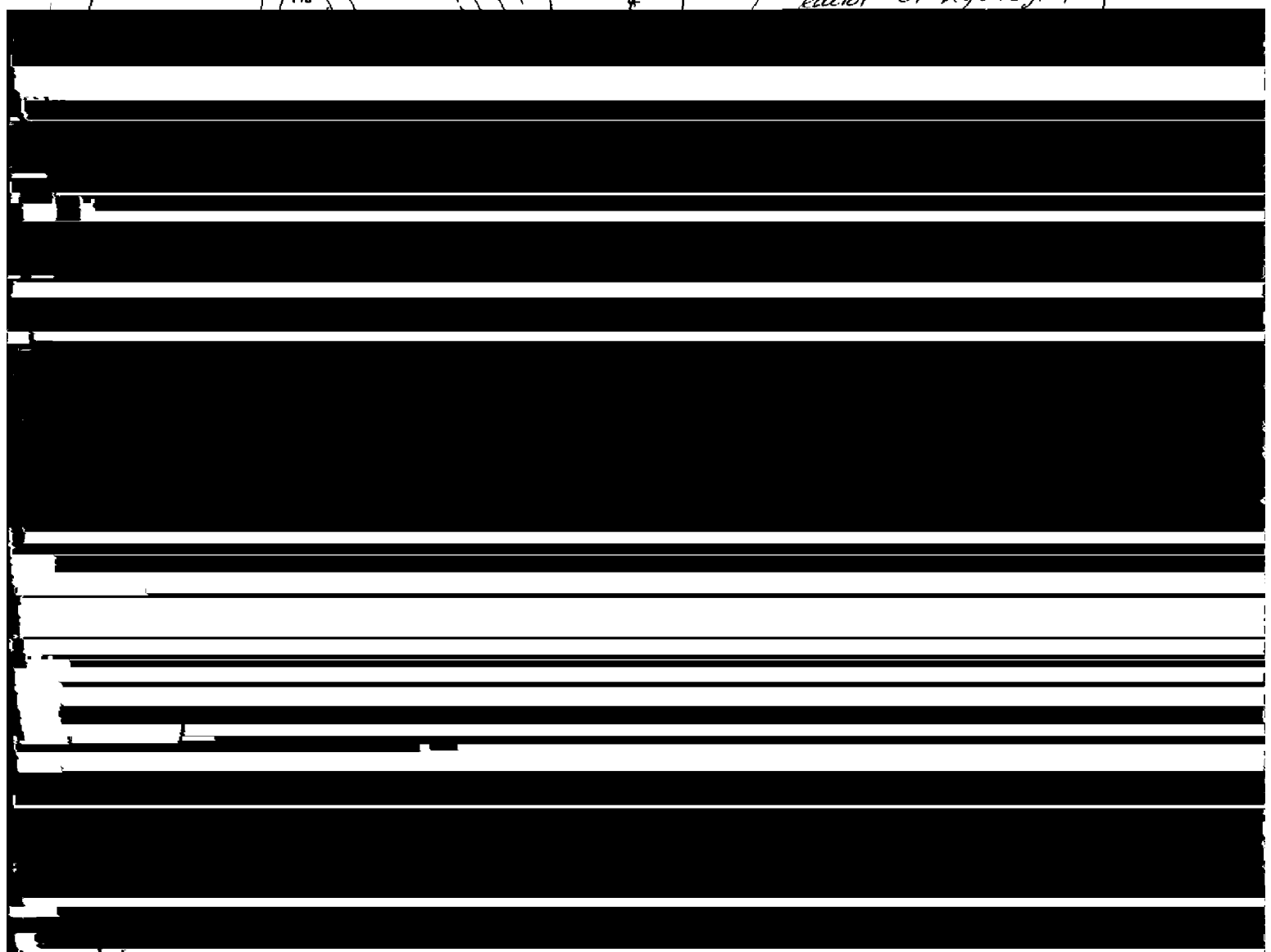
# PATAPSCO R I

### 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"

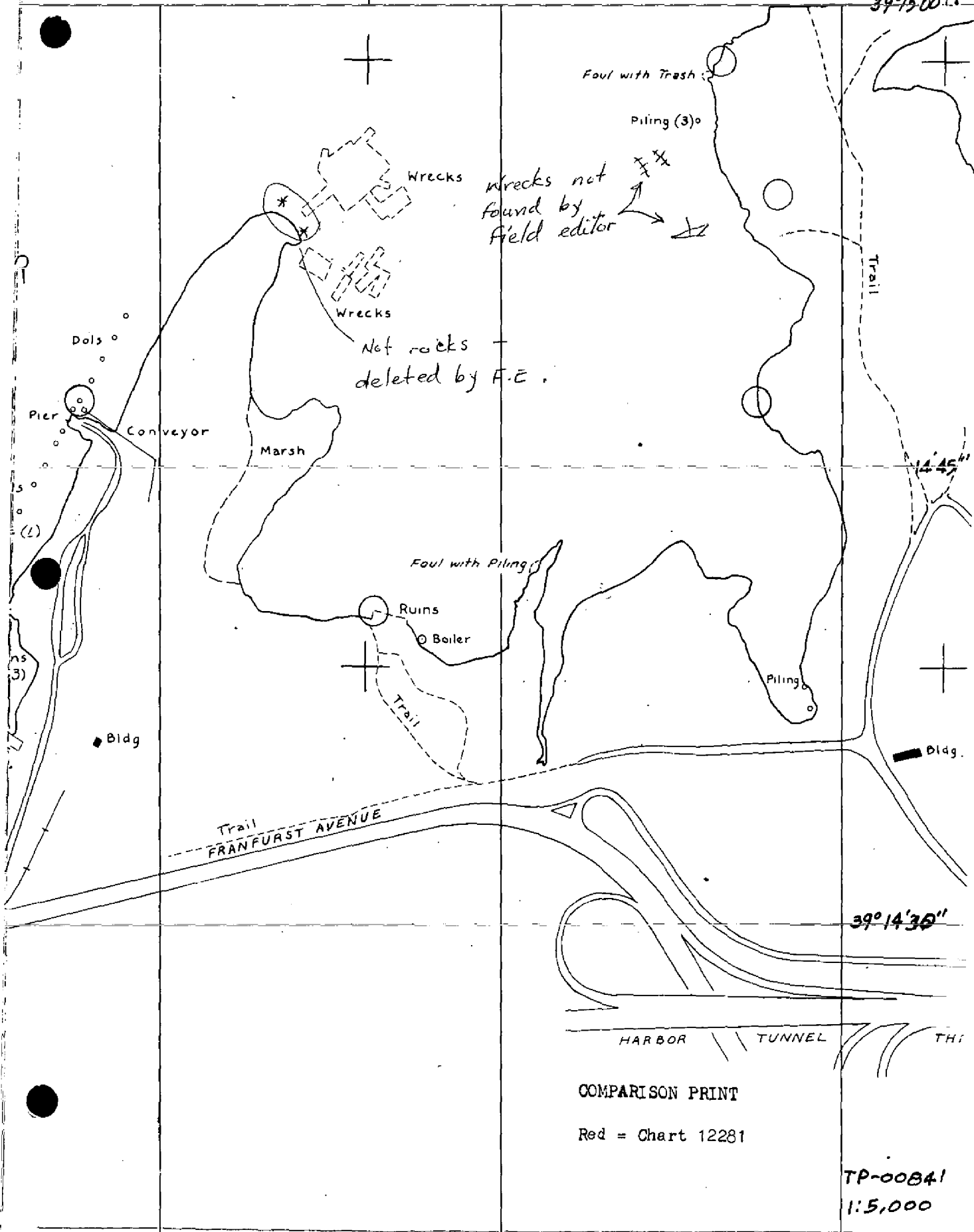


36'00" x 914,000 FT

76°35'45"

35'30"

39°15'00"



COMPARISON PRINT

Red = Chart 12281

TP-00841  
1:5,000



RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. TP-00841

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.

CHART	DATE	CARTOGRAPHER	REMARKS
12281	7-31-80 <sup>NWP</sup>	Martha Mahmud	Full Part Before <input checked="" type="radio"/> After Verification Review Inspection Signed Via Drawing No. 48
12278	8-14-80 <sup>NWP</sup>	Martha Mahmud	Full Part Before <input checked="" type="radio"/> After Verification Review Inspection Signed Via Drawing No. 65
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
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