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-00838.
Classification No.	Edition No1
Field Edite	d Map
LOCALIT	Υ ΄
State Maryland	
General Locality Baltimor	
Locality Fort McHenry	•
	:
	·
19 74 TO	19 75
REGISTRY IN AR	CHIVES
DATE	

☆ U.S. GOVERNMENT PRINTING OFFICE: 1974-762-901

(1)

NOAA FORM 76-36A
U. S. DEPARTMENT OF COMMERCE
(3-72)
NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.

TYPE OF SURVEY

SURVEY TP- 00838

ORIGINAL

MAP EDITION NO.

	DESCRIPTIVE REPORT - DATA RECORD	☐ RESURVEY	MAP CLASS Final
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NOAA FORM 76-36B		·					OF COMMERCE
(3-72)			TP-00838	NATIONAL OCE	ANIC AND A		DEAN SURVEY
		COM	IPILATION S	OURCES		_	
	OTOGRAPHY						
CAMERA(S)	1 D.C. :			-		TIME REFER	ENCE
					ZONE		<u> </u>
X PREDICTED TIDE	Ft. McHe	enry			E	astern	STANDARD
		нү					DAYLIGHT
		,	TIME	SCALE			IDE
NOMBER ANI	Wild RC-8"E" and RC-10"C" ESTAGE REFERENCE Baltimore PREDICTED TIDES Ft. McHenry REFERENCE STATION RECORDS FIDE CONTROLLED PHOTOGRAPHY NUMBER AND TYPE DATE TIME SCALE STAGE OF TIDE VAE(C)7349-7352* 21 Oct 74 11:30 1:15,000 0.8 ft. above MLW 24C(C)826-827** 5 Oct 74 11:48 1:15,000 0.8 ft. above MLW						
74E(C)7349-							
740(C)826-8	27**	, ,		1:30,000	0.8	ft. above	MLW
74E(C)7360-'	7361*	21 Oct 74	11:48	1:15,000	0.8	ft. above	MŢW e
		1					
]					
REMARKS	·						
**Brid	ge photogra	iphy					
2. SOURCE OF MEA	N HIGH-WATER I	LINE:					
m 1677	• 7 7 6						_
The MHWLWas	combited r	from office i	.nterpreta	tion of the	above li	sted photo	graphs.
						•	
			•				
	-						
3. SOURCE OF MEA	N LOW-WATER O	R MEAN LOWER LO	W-WATER LINE	<u> </u>			
None compile	ed.						
	·	 .	_ 				<u> </u>
4. CONTEMPORARY	HYDROGRAPHI	C SURVEYS (List o	nly those surve	vs that are sources !	or photograms	netric survey info	ormation.)
SURVEY NUMBER	DATE(S)	SURVEY COP	Y USED SI	RVEY NUMBER	DATE(S)	SURVEY	COPY USED
	1	1321 00	30			201,451	,
	1						
5. FINAL JUNCTION	is				1		·
NORTH		ST	SO	U TH		WEST	
No survey		TP-00839		TP-00842		TP-00	837
REMARKS							

NOAA FORM 76—36((3—72)		TP-008		ANIC AND ATMOSPHERE	ENT OF COMMERC C ADMINISTRATIO AL OCEAN SURVE
I. 🗓 FIELD INSP	ECTION OPERATION	FIEL	D EDIT OPERATION		
	OPERATIO	N .		NAME	DATE
1. CHIEF OF FIEL	D PARTY		D C make		0 700
		RECOVERED BY	R. S. Tibb		Sep. 1974
2. HORIZONTAL C	ONTROL	ESTABLISHED BY	None	<u> </u>	De D , 1972
	PRE	MARKED OR IDENTIFIED BY	R. S. Tibb	etts	Sep. 1974
		RECOVERED BY	NA		
3. VERTICAL CON	ITROL	ESTABLISHED BY	NA		
	PRE	MARKED OR IDENTIFIED BY	NA	<u></u>	<u> </u>
		ED (Triengulation Stations) BY	R. S. Tibb		Sep, 1974
4. LANDMARKS AL AIDS TO NAVIG		LOCATED (Field Methods) BY	R. S. Tibb		Sep, 197/
		IDENTIFIED BY YPE OF INVESTIGATION	R. S. Tibb	etts	Sep. 1974
5. GEOGRAPHIC N	_	COMPLETE	1		
INVESTIGATION		SPECIFIC NAMES ONLY			•
		NO INVESTIGATION]
6. PHOTO INSPEC	TION CLA	RIFICATION OF DETAILS BY			
7. BOUNDARIES A	ND LIMITS S	JRVEYED OR IDENTIFIED BY	NA		
I. SOURCE DATA			1		
I. HORIZONTAL C	ONTROL IDENTIFIE)	2. VERTICAL CO	NTROL IDENTIFIED	
	Premark		 	NA NA	
PHOTO NUMBER	ST	ATION NAME	PHOTO NUMBER	STATION DE	SIGNATION
74E(C)6809	PENNSYLVANIA TANK, 1934	RAILROAD COMPANY,			
3. PHOTO NUMBE	RS (Clarification of de	tails)			
					<u></u>
4. LANDMARKS A	ND AIDS TO NAVIGAT	ION IDENTIFIED			
Data	for objects	ocated by field met	hods are list	ted under 8. be	low.
PHOTO NUMBER	OF	JECT NAME	PHOTO NUMBER	OBJECT	NAME
74E(C)6809		JVANIA RAILROAD TANK 1934)			
5. GEOGRAPHIC	AMES: REF	ORT X NONE	6. BOUNDARY AN	ID LIMITS: REPO	RT TONE
7. SUPPLEMENTA	L MAPS AND PLANS			, - ·	
None					
	RECORDS (Shakeh boo	ks, etc. DO NOT list data submi	Itad to the Conder T	livinton)	
1 Form 15		. erc. vv nv i iist data submi	med to the Geodesy D	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

NOAA FORM 76-36C 3-72)	TP-00 HISTORY O	-	NATIONAL OCE	Ú, \$, D Eanig ạnd atm	EPARTMEN OSPHERIC NATIONAL	ADMINIST	RATIO
I FIELD INSPECTIO	N OPERATION	(本) FIELD	EDIT OPERATIO	 ЭМ	•		
	OPERATION			NAME		DA	TE
I. CHIEF OF FIELD PAI	RTY		George W.	Tomerann	Sont	Oct.	1075
<u> </u>	RECO	VERED BY	George W.		nept-	Sept.	1975
2. HORIZONTAL CONTR		ISHED BY	NA	<u>. •</u>			
_ ·	PRE-MARKED OR IDEN	TIFIED BY	NA				
	RECO	VERED BY	NA				
. VERTICAL CONTROL	ESTABL	ISHED BY	NA	 			
	PRE-MARKED OR IDEN	TIFIED BY	NA				
	RECOVERED (Triangulation St	tations) BY	G.W.J.			Sept.	197
 LANDMARKS AND AIDS TO NAVIGATION 	LOCATED (Field M		NA				407
Albo to Matter to	Verified KOEKO		G.W.J.			Sept.	197
		TION		•	ľ		
5. GEOGRAPHIC NAMES INVESTIGATION	SPECIFIC NAMES	BY					
	X NO INVESTIGATI						
S. PHOTO INSPECTION	CLARIFICATION OF DE		G.W.J.			Oct.	1975
7. BOUNDARIES AND LI			NA				
I. SOURCE DATA							
I. HORIZONTAL CONTR None			2. VERTICAL C None	ONTROL IDENT	IF1ED		
PHOTO NUMBER	STATION NAME		PHOTO NUMBER	STA	TION DESI	SNATION	
				2 8 2			
3. PHOTO NUMBERS (CI	arification of details)			· <u> </u>	·	<u>-</u>	
74 E(O)	7349, 7350, 7351						
	os to navigation identified objects verified by f	fiold ad	it are list	ed under 8	helow	- 12 <u>-</u>	_
PHOTO NUMBER							
PROTO NOMBER	OBJECT NAME		PHOTO NUMBER	,	OBJECTN	AME	
		!		!			
5. GEOGRAPHIC NAMES	: REPORT A NON	NE	6. BOUNDARY A	ND LIMITS: [REPOR	т 🔏 и	ONE_
7. SUPPLEMENTAL MAR	S AND PLANS		-				
None						<u> </u>	
	RDS (Sketch books, etc. DO NOT list	t deta submiti	ed to the Geodesy	Division)			_
4 Form							
	Edit Ozalid						
1 Field	l Edit Report				_		

NOAA FORM 76-36D

(3-72)

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

TP-00838 RECORD OF SURVEY USE

I. MANUSC	RIPT COPIES							
	СО	MPILATION STAGE	5			DATE MANUSCR	PT FORWARD	ED
	DATA COMPILED	DATE	RE	MARKS		MARINE CHARTS	HYDRO SUPP	ORT
	ation complete, g Field Edit	Oct 1975	Class III Supe	Manuscr rseded	ipt ———	24 Nov 75	9 Oct	75
	Edit applied, ation complete	Dec 1975	Class I I Supe	Manuscri _l rseded	pt	. 7 Jun 76		
Final	Review	Mar 1977				26 May 77		
							,	
	ARKS AND AIDS TO NAVIGA					•		
1. REP	ORTS TO MARINE CHART DI	VISION, NAUTICAL	DATA BRANCH					
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED			REM	ARKS		
2		2 Jul 76	Landmark	s for cha	arts		.	
1		2 Jul 76	Landmarks	s for de	letion	1		
11	· · · · · · · · · · · · · · · · · · ·	2 Jul 76	Aids for	charts				
								-
							·	
							· 	
	REPORT TO MARINE CHART REPORT TO AERONAUTICA							<u> </u>
III. FEDER	AL RECORDS CENTER DAT	`A .						
	•							
	BRIDGING PHOTOGRAPHS;		BRIDGING REPO	RT: X CC	OMPUTE	R READOUTS. / FIELD PARTIES.		
	CONTROL STATION IDENTI SOURCE DATA (except for G							
₹ 144	ACCOUNT FOR EXCEPTION	IS:	F-117 AQ E101 E0 1	, 929 (1011)	,			
	•					•		
4.	DATA TO FEDERAL RECOF	RDS CENTER. DAT	E FORWARDED:				-	
IV. SURVE	Y EDITIONS (This section s			p edition is re				
	SURVEY NUMBER	JOB NUMBE	R		RE	TYPE OF SURVEY	URVEY	}
SECOND	DATE OF PHOTOGRAPH	(2) PH -	ELD FOIT	-	^4	MAP CLASS	-URYET	
EDITION				n.	$\square m$.		FINAL	_ }
	SURVEY NUMBER	JOB NUMBE	R			TYPE OF SURVEY		
THIRD	TP -	(3) PH			∐ RE		URVEY	
EDITION				<u> </u>	□m.		FINAL	
	SURVEY NUMBER	JOB NUMBE	R			TYPE OF SURVEY		
FOURTH		_ (4) PH	El B EBIT		∐ RE'	VISED RES	ORVEY	ł
EDITION	DATE OF PHOTOGRAPH	TATE OF FI	ELD EDIT	n.	□	MAP CLASS □iv. □v.	FINAL	

ું તેમ પ્રદેશમાં મુખ્ય જ્યાર છે. સુરક્ષાનું મુખ્ય મુખ્ય જો છે. તેમ

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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° 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 premarking 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, Marvland 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 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.

Photography

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

approved and forwarded:

Respectfully submitted, Twey O. Kabain

John D. Perrow, Gr.

Ivey O. Raborn

Chief, Aerotriangulation Section

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NOAA FORM 76-41 (6-75)				U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	S. DEPARTMENT CATMOSPHERIC ADI	F COMMERCE
		DESCRIPTIV	RIPTIVE REPORT CONTROL RECORD	:		
MAP NO.	JOB NO.		GEODETIC DATUM	ORIGINATING ACTIVITY	TIVITY Coastal	Mapping
TP-00838	CM-7415	415	NA 1927	Division	, Norfolk,	VA
TA MAN MONTH	SOURCE OF	AEROTRI-	COORDINATES IN FEET	GEOGRAPHIC POSITION	REMARKS	SX8
	(Index)	POINT	ZONE		FORWARD	BACK
PENNSYLVANIA RAILROAD	G.P. Vol I		χ≃	φ 39 16 05.528	170.5	(1679.8)
COMPANY TANK, 1934	P. 234		±/h	λ 76 34 09.924	237.9	(1200.5)
PEN, 1934			Χ÷	φ 39 16 04,026	124.2	(1726.1)
	P. 232		<i>y</i> ≈	λ 76 34 20.963	502.5	(635.9)
FORT MCHENRY FRONT RANGE	G.P. Vol I		-χ ₋	φ 39 15 49.705	1532.8	(317.5)
LIGHT, 1915	P. 231		y=	λ 76 34 40.909	980.8	(457.7)
FORT, 1934	_		=χ	φ 39 15 40.463	1247.8	(602.5)
	P. 228		ij=	λ 76 34 47.668	1142.8	(295.7)
SEAWALL, 1886	G.P. Vol I		=χ		1721.4	(128.9)
	516		y≈	λ 76 34 42.165	1010.8	(427.6)
SANFORD BROOKS COMPANY TANK,	Ġ		χ≈	φ 39 15 32,38	7.866	(851.9)
1915	Ъ.		η=	λ 76 33 47.88	1148.0	(290.5)
CANTON (U.S.E.), 1915			χ=	φ 39 15 22,389	7.069	(1159.9)
	P. 228		ηz	γ 76 33 49.439	1185.4	(253.2)
CANTON RAILROAD TERMINAL			<i>≃</i> ×	φ 39 15 42.105	1298.4	(551.9)
TANK, 1934	P. 234		ıή.	λ 76 33 48.330	1158.7	(279.8)
CANTON RAILROAD COMPANY,	G.P. Vol I		χ=	φ 39 15 41.156	1269.2	(581.1)
TANK, 1934	P. 234		je de la	λ 76 33 34.944	837.8	(600,7)
DOCK, 1934	G.P. Vol I		χ≈	\$\phi\$ 39 15 26.833	827.5	(1022.8)
			y=	λ 76 33 21.286	510.4	(928.1)
computer by A. C. Rauck, Jr.		DATE 5/20/75	computation checked by F. Mauldin		DATE 5/27/75	75
TEP BY Rauck,		0ATE0/75	Listing checked BY		DATE 5/27/75	75
HAND PLOTTING BY A. C. Rauck, Jr.		5/21/75	DATE HAND PLOTTING CHECKED BY 5/21/75 F. Mauldin		DATE 5/28/75	75
		SUPERSEDES NO	DAA FORM 76-41, 2-71 EDITION WH	CH IS OBSOLETE.		

TA

NOAA FORM 76-41					0.5.	DE PARTMENT OF	COMMERCE
(6–75)		DESCRIPTIV	DESCRIPTIVE REPORT CONTROL RECORD		NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	MOSPHERIC ADM	INISTRATION
MAP NO.	JOB NO.		GEODETIC DATUM		ORIGINATING ACTIVITY COASTAL Mapping	TY Coastal	Mapping
TP-00838	CM-7415	415	NA 1927		Division,	Norfolk, V	VA
STATION NAME	SOURCE OF	AEROTRI-	COORDINATES IN FEET	GEOGRAPHIC	GEOGRAPHIC POSITION		Y.
	(Index)	POINT	ZONE		LONGITUDE	FORWARD	BACK
			~χ	φ 39 15	50.344	1552.5	(297.8)
COMPANY, STACK, 1954	P. 672		β≈	λ 76 33	16,383	392.8	(1045,6)
COLGATE WAREHOUSE TANK,	G.P. Vol I		χε	ф 39 15		1607.7	(575.6)
1934			ye.	λ 76 33	08,645	207.3	(1231.1)
FORT MCHENRY FLAGSTAFF 2,	G.P. VOL II		-x	\$ 39 15	47.839	1475.3	(375.0)
1959			ij≠.	1 76 34	48,124	1153.7	(284.7)
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			=χ	ф			
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			≠ĥ	γ			
			-χ	ф			
			=ĥ	γ			
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			<i>y</i> =	~			
COMPUTED BY A. C. Rauck, Jr.		DATE 5/20/75	COMPUTATION CHECKED BY F. Mauldin			DATE 5/27/75	75
LISTED BY A. C. Rauck, Jr.		5/20/75	5/20/75 F. Mauldin			DATE 5/27/75	75
HAND PLOTTING BY A. C. Rauck, Jr.		5/21/75	HAND PLOTTING CHECKED BY F. Mauldin			5/28/75	75
		SUPERSEDES NO	SAA FORM 76-41, 2-71 EDITION WHIC	H IS OBSOLETE			

COMPILATION REPORT

TP-00838

31. DELINEATION:

Delineation was by the Wild B-8 stereoplotter, using 1:15,000 scale color photography. The photography was of good quality and adequate coverage.

32. CONTROL:

See the attached Photogrammetric Plot Report dated April 1975.

33. SUPPLEMENTAL DATA:

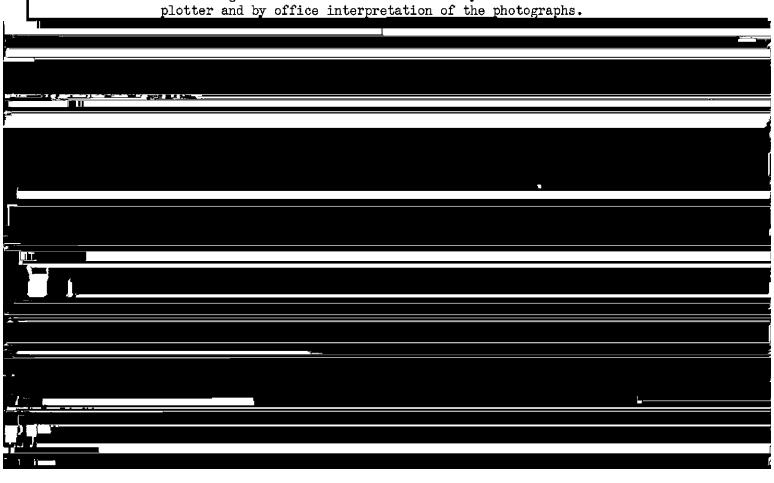
No statement.

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.



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: Baltimore East, Maryland, scale 1:24,000, dated 1953 and photorevised in 1966.

47. COMPARISON WITH NAUTICAL CHARTS:

A comparison has been made with the following National Ocean Survey charts: No. 12273, scale 1:80,000, 26th Edition, dated February 8, 1975; No. 12279, scale 1:40,000, 12th Edition, dated November 9, 1974; and 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:

Irene Perkinson

Cartographic Technician

October 3, 1975

Approved:

Albert C. Rauck, Jr.

Chief, Coastal Mapping Section

ADDENDUM TO THE COMPILATION REPORT

TP-00838

FIELD EDIT

Field Edit was adequate, except the heights of some landmarks were omitted.

February 28, 1977

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7415 (Baltimore, Md.)

TP-00838

Baltimore

Fort McHenry

Lazaretto Point

Northwest Harbor

Patapsco River

Pennsylvania Central (RR)

Approved by:

Charles E. Harrington Staff Geographer - C51x2

FORM C&GS-1002				U.S. DEPARTMENT OF COMMERCE
(9-66)	PHO	TACDAMMET	RIC OFFICE REVIEW	E35A COAST AND GEODETIC SURVEY
	FHU		-00838	
1. PROJECTION AND GRIDS	2 TITLE		3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
T 017 T	* * * * * * * * * * * * * * * * * * * *	_		
LON, Jr.	LON	Jr	LON, Jr.	LON, Jr.
CONTROL STATIONS		I provent	V 5 VODIZONE V 67 VIIOV	17 2022 1922 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
5. HORIZONTAL CONTROL STA THIRD-ORDER OR HIGHER A	CCURACY	OF LESS TH	BLE HORIZONTAL STATIONS AN THIRD-ORDER ACCURAC	7. PHOTO HYDRO STATIONS
LON, Jr.		(10pograpine	NA	NA
8. BENCH MARKS	9. PLOTTING	FSEXTANT	10. PHOTOGRAMMETRIC	11. DETAIL POINTS
	FIXES		PLOT REPORT	Not for Hydro Support
NA	XX		LON, Jr.	LON, Jr.
ALONGSHORE AREAS (Nautical	Chart Deta)		<u> </u>	
12. SHORELINE	13. LOW-WATER	RLINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
			}	
LON, Jr.	IZ LANDMARK		LON, Jr.	XX
16. AIDS TO NAVIGATION	17. LANDMARK	.5	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
		_		
LON, Jr.	LON,	Jr.	LON, Jr.	LON, Jr.
PHYSICAL FEATURES 20. WATER FEATURES		121 NATURAL	GROUND COVER	22. PLANETABLE CONTOURS
20. WATER PERIORES		ZI, NATORAL	GROUND COVER	22. PLANETABLE CONTOURS
LON, Jr.			NA	NA NA
23. STEREOSCOPIC	24. CONTOURS	IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL
INSTRUMENT CONTOURS				FEATURES
NA	1	JA.	l NA	
CULTURAL FEATURES	1			
27. ROADS	28. BUILDINGS	3	29. RAILROADS	30. OTHER CULTURAL FEATURES
LON, Jr.	LON	l, Jr.	LON, Jr.	XX
BOUNDARIES 31. BOUNDARY LINES			32. PUBLIC LAND LINES	
			32 PUBLIC LAND LINES	
N N	<u>A</u>		<u> </u>	NA
MISCELLANEOUS 33. GEOGRAPHIC NAMES		34. JUNCTION	\$	35. LEGIBILITY OF THE
		İ		MANUSCRIPT
		1		,
36. DISCREPANCY OVERLAY	37. DESCRIPTI	VE REPORT	38. FIELD INSPECTION	39. FORMS
	ļ		FROTOGRAFIIS	
	<u> </u>			
40. REVIEWERN \			SUPERVISOR, REVIEW SEC	
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Lowell O. Neterer;	Jr.	<u> </u>	Albert C. Rauck,	, Jr.
41. REMARKS (See attached she				
FIELD COMPLETION ADDITION				1 .1
script is now complete ex	cept as noted un	der item 43.	ion survey have been appii	ed to the manuscript. The manu-
COMPILER Irene K. P	erkinson	12/18/75	SUPERVISOR	0 11
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Reviewed by L. O.	Meterer,/J	īr.	Albert C. Rauck	c, Jr.
43. REMARKS				
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Field Edit - Item	s #8			

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

FIELD EDIT REPORT

TP-00838

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 the mean high water line were made; because of the limited visibility into the water and lack of wire drag equipment, any negative findings noted in the field edit data should not be considered conclusive, unless otherwise stated. The latest hydrographic survey of the area should be consulted for more complete information.

Most of the field edit inspection was accomplished by boat. Features were located by either sextant fixes or photo identification.

52. ADEQUACY OF COMPILATION

Compilation of sheet TP-00838 was adequate. There is only one area of shoreline change, this being at approximate lat. 39° 16 40°, long. 76° 34′ 50°. This change is shown on photo 7349. Several changes in nomenclature appear on the field edit ozalid. One piling was compiled as a rock at approximate lat. 39° 15′ 29°, long. 76° 32′ 38°. A note regarding this change appears on the field edit ozalid sheet. An area indicated as shallow was left for hydrography to resolve at lat. 39° 15′ 37°, long. 76° 33′ 30°. The limits shown on the field edit ozalid provided by compilation are approximately correct, however it was referred to hydrography for final delineation. Inshore features were checked by truck as correct unless specifically corrected on the field edit ozalid. Compilation will be complete when field edit notes are applied.

56. GEOGRAPHIC NAMES

No comprehensive investigation of geographic names was made, however no discrepancies were found while editing this sheet.



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

57. LANDMARKS AND AIDS TO NAVIGATION

There are three nonfloating aids to navigation to be charted on this sheet. The Humble Oil Company Obstruction Light was field located photogrammetrically, using photograph 7349.

There are thirteen landmarks on this sheet to be charted and four to be deleted.

58. Field Editor

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

Respectfully submitted,

Meorge W. Jamerson

EDITO SE CHARTED (Field Penty, Ship or Office) To SE CHARTED (Field Penty, Ship or Office) To SE OELETED A.M.C. NOTCOLK, Va. To SE DELETED A.M.C. NOTCOLK, Va. The following objects HAVE A.M.C. NOTCOLK, Va. The following objects HAVE A.M.C. NOTCOLK, Va. Tr. CONSS (CM-7\u00e415) The following objects HAVE A.M.C. NOTCOLK, Va. Tr. CONSS (CM-7\u00e415) The following objects HAVE A.M.C. NOTCOLK, Va. Tr. CONSS (CM-7\u00e415) The following objects HAVE A.M.C. NOTCOLK, Va. Tr. CONSS (CM-7\u00e415) The following objects HAVE A.M.C. NOTCOLK, Va. Tr. CONSS (CM-7\u00e415) The following objects HAVE NOTCOLK, Va. Tr. CONSS (CM-7\u00e415) The following objects HAVE NOTCOLK, A.M.C. NOTCOLK, A.M.C. Not given. The following objects HAVE NOTCOLK, A.M.C. Not given.	MINISTER ANDWARKS FOR CHARTS	7 TO 0 0 1 1 1 1 1		HYDROGRAPHIC PART	RTY
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REVIEW REPORT
TP-00838

SHORELINE

March 4, 1977

61. GENERAL STATEMENT:

See Summary which is Page 6 of this Descriptive Report.

A comparison print, showing differences noted in Par. 62, 64, and 65, is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with Survey T-5345, 1:10,000 scale, mapped from photography of April and May 1934. The fact that shoreline has been extended seaward in places is to be expected in a developing area and is not considered to be significant. In some places where piers existed in 1934, nothing is visible on the 1974 photography, but ruins are still charted. These differences are shown on the comparison print in blue.

In the area compared, TP-00838 supersedes T-5345 for nautical chart construction purposes. T-5345 is the latest registered prior survey of the area.

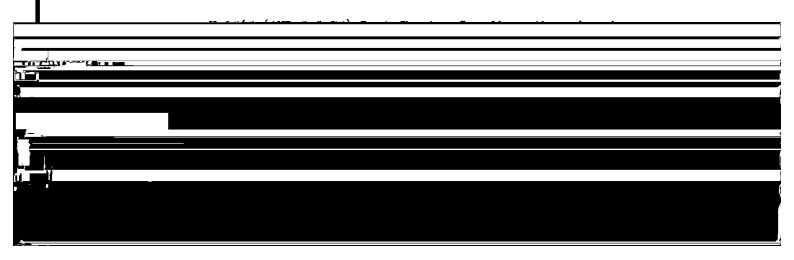
63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A visual comparison was made with USGS Quadrangle BALTIMORE EAST, MD., 1:24,000 scale, dated 1953, photorevised in 1966. No significant differences were noted.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with the following contemporary hydrographic surveys:

H-9564 (AHP 5-7-75) Sounding Overlay - No significant differences observed.



65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 12281, 1:15,000 scale, 31st Edition, dated November 13, 1976. Significant differences are shown in red on the comparison print.

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 4, 1977

Approved for forwarding:

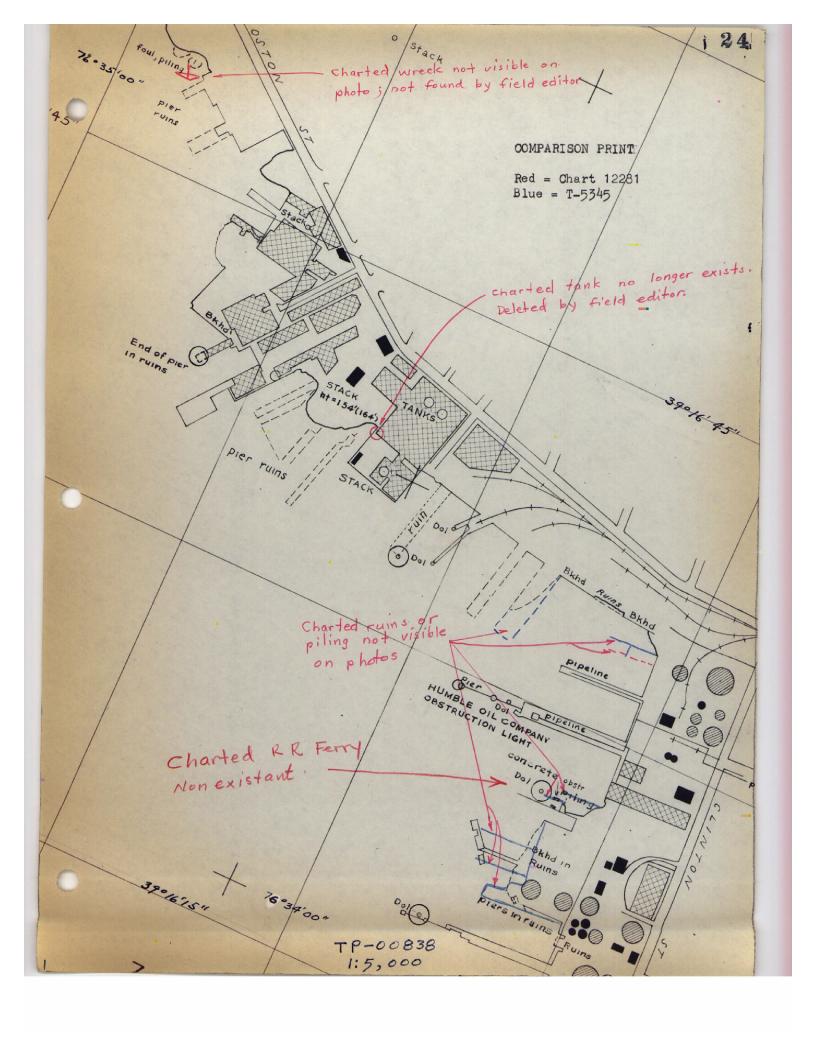
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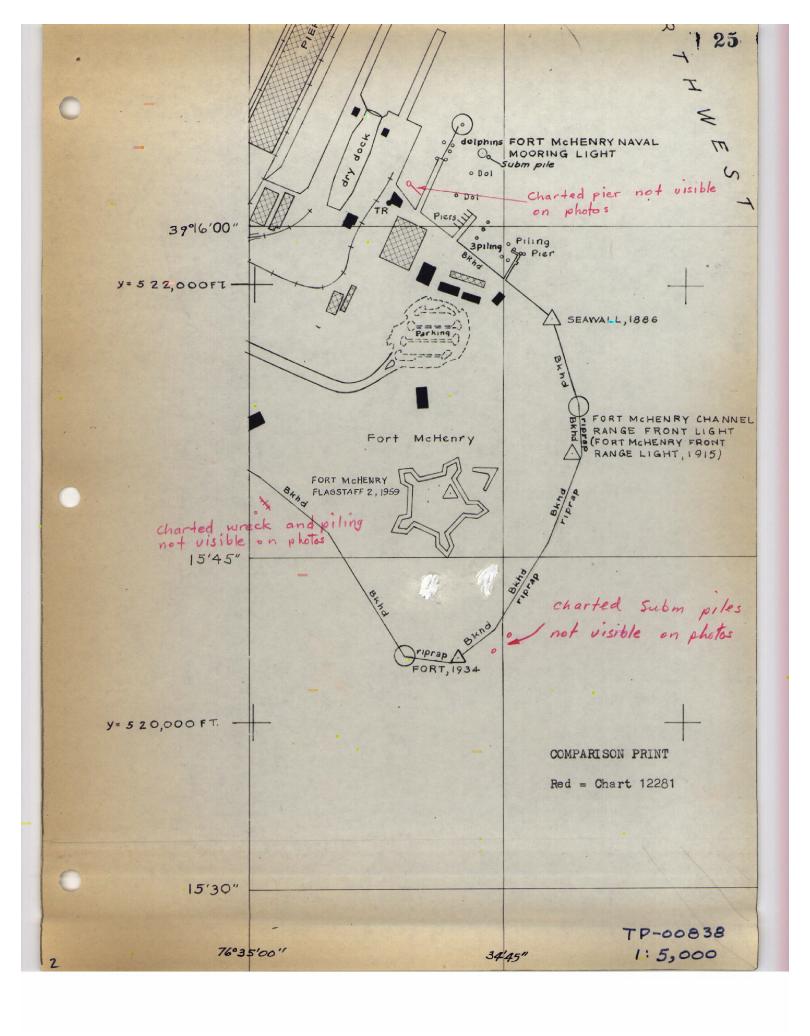
Chief, Photogrammetric Branch, AMC

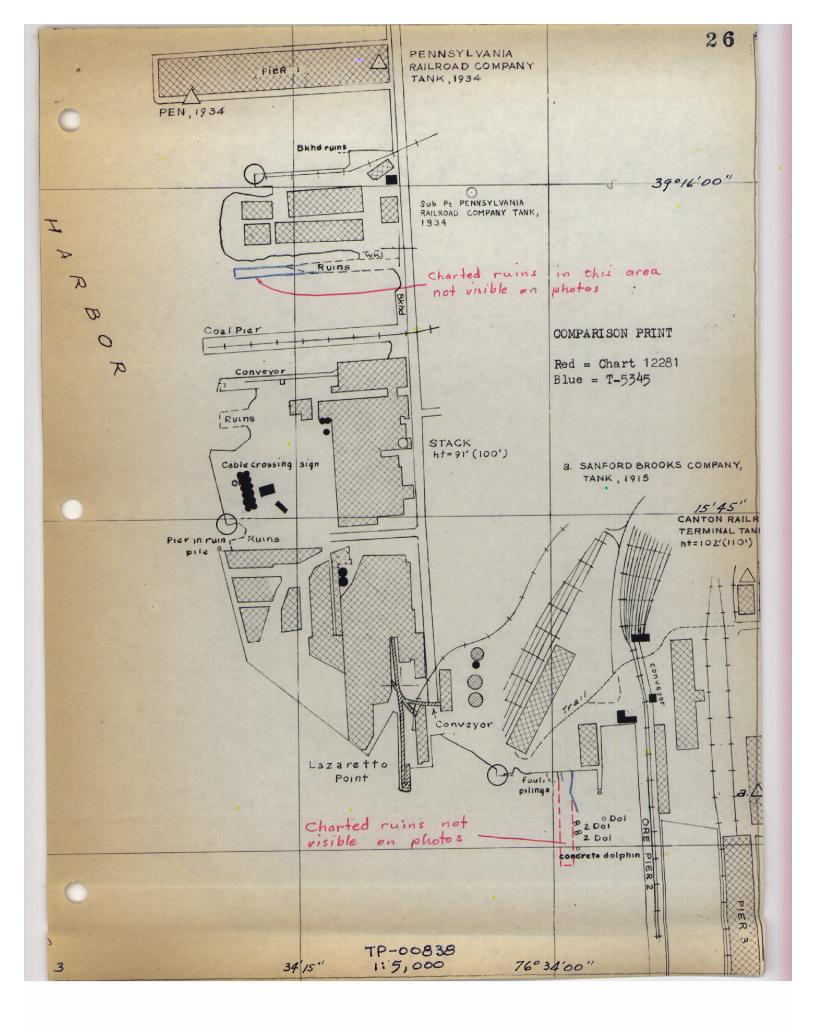
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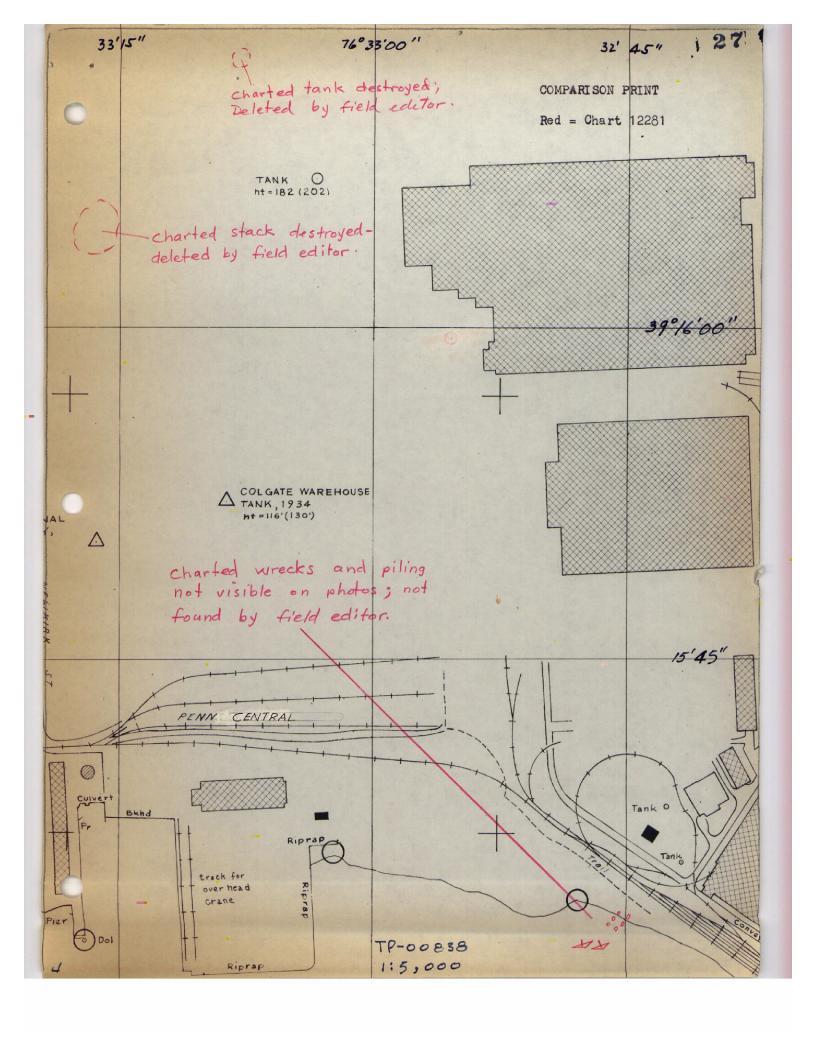
Chief, Photogrammetric Branch

Chief, Coastal Mapping Division









NAUTICAL CHART DIVISION

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

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