

TP-00957

TP-00957

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

This map edition will not be field edited

Type of Survey SHORELINE
Job No. CM-7601 Map No. TP-00957
Classification No. Class 111 Edition No. 1

LOCALITY

State Maryland
General Locality Northern Chesapeake Bay
Locality Elkton

19 76 TO 19

REGISTRY IN ARCHIVES

DATE

MAP NOT INSPECTED BY
QUALITY CONTROL OF PHOTOGRAMMETRY BRANCH
PRIOR TO REGISTRATION

NOAA FORM 76-36A (3-72)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMIN.	
DESCRIPTIVE REPORT - DATA RECORD		TYPE OF SURVEY ☒ ORIGINAL ☐ RESURVEY ☐ REVISED	
PHOTOGRAMMETRIC OFFICE Rockville, Md.		SURVEY TP. <u>00957</u> MAP EDITION NO. (1) MAP CLASS <u>111</u> JOB CM <u>7601</u>	
OFFICER-IN-CHARGE W Simmons		LAST PRECEDING MAP EDITION TYPE OF SURVEY ☐ ORIGINAL ☐ RESURVEY ☐ REVISED JOB PH. _____ MAP CLASS _____ SURVEY DATES: 19__ TO 19__	
I. INSTRUCTIONS DATED			
1. OFFICE		2. FIELD	
Aerotriangulation Oct 21 1976 Compilation 7 Dec 1978 Change #1 22 June 1981		Control Premarking 2 March 1976 Supplement #1 28 May 1976	
II. DATUMS			
1. HORIZONTAL: ☒ 1927 NORTH AMERICAN		OTHER (Specify)	
2. VERTICAL: ☒ MEAN HIGH-WATER ☐ MEAN LOW-WATER ☒ MEAN LOWER LOW-WATER ☐ MEAN SEA LEVEL		OTHER (Specify)	
3. MAP PROJECTION Lambert Conformal		4. GRID(S) STATE Maryland ZONE	
5. SCALE 1:20,000		STATE ZONE	
III. HISTORY OF OFFICE OPERATIONS			
OPERATIONS		NAME	DATE
1. AEROTRIANGULATION BY METHOD: Analytic LANDMARKS AND AIDS BY		B Thornton	Nov 1977
2. CONTROL AND BRIDGE POINTS PLOTTED BY METHOD: Coradomat CHECKED BY		S Solbeck	Dec 1978
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY COMPILATION CHECKED BY INSTRUMENT: Wild B-8 SCALE: 1:20,000 CONTOURS BY CHECKED BY		E D Allen F Wright None	March 1982 March 1982
4. MANUSCRIPT DELINEATION PLANIMETRY BY CHECKED BY CONTOURS BY CHECKED BY METHOD: Smooth Drafted SCALE: 1:20,000 HYDRO SUPPORT DATA BY CHECKED BY		ED Allen F Wright None None	March 1982 April 1982
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY		F Wright	April 1982
6. APPLICATION OF FIELD EDIT DATA BY CHECKED BY		None	
7. COMPILATION SECTION REVIEW BY		F Wright	April 1982
8. FINAL REVIEW BY		E Allen	Oct 1984
9. DATA FORWARDED TO PHOTOGRAMMETRIC BRANCH BY		"	OCT 1984
10. DATA EXAMINED IN PHOTOGRAMMETRIC BRANCH BY			
11. MAP REGISTERED - COASTAL SURVEY SECTION BY		R.S. KORNSPAN	FEB 1985

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

COMPILATION SOURCES

TP-00957

1. COMPILATION PHOTOGRAPHY

CAMERA(S) Wild RC 10 "C"		TYPES OF PHOTOGRAPHY LEGEND		TIME REFERENCE	
TIDE STAGE REFERENCE		(C) COLOR (P) PANCHROMATIC R(II) INFRARED		ZONE Eastern	
☐ PREDICTED TIDES ☐ REFERENCE STATION RECORDS ☒ TIDE CONTROLLED PHOTOGRAPHY				☒ STANDARD ☐ DAYLIGHT	
				MERIDIAN 75th	
NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE	
7600 3790-92	Mar 23 76	13:35	1:60,000	N/A	
7600 3795-99	Mar 23 76	13:40	1:60,000	N/A	
7600 3809-12	Mar 23 76	13:50	1:60,000	N/A	
7600 3815-17	Mar 23 76	13:55	1:60,000	N/A	
7600 3663-67	Mar 23 76	10:00	1:40,000	+0.06 MLLW	
7600 3669-73	Mar 23 76	10:20	1:40,000	+0.05 MLLW	
7600 3702-05	Mar 23 76	11:15	1:40,000	+0.15 MLLW	
7600 3491-95	Mar 20 76	12:48	1:40,000	-0.03 MHW	
7600 3498-3502	Mar 20 76	13:25	1:40,000	-0.04 MHW	
7600 3522-25	Mar 20 76	14:10	1:40,000	-0.15 MHW	

REMARKS

Stage of tide based on Harve De Grace tide station.

2. SOURCE OF MEAN HIGH-WATER LINE:

The MHW infrared photographs listed in item 1.

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

The MLLW infrared photographs listed in item 1.

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
None	None	TP-00960	TP-00956

REMARKS

TP-00957

HISTORY OF FIELD OPERATIONS

I. ☒ FIELD INSPECTION OPERATION☐ FIELD EDIT OPERATION

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R Tibbetts	Feb 76
2. HORIZONTAL CONTROL	RECOVERED BY R Tibbetts	Feb 76
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY L Davis	Feb 76
3. VERTICAL CONTROL	RECOVERED BY None	
	ESTABLISHED BY None	
	PRE-MARKED OR IDENTIFIED BY None	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (Triangulation Stations) BY None	
	LOCATED (Field Methods) BY None	
	IDENTIFIED BY None	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION	
	☐ COMPLETE	
	☐ SPECIFIC NAMES ONLY	
	☒ NO INVESTIGATION	
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY None	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY None	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Premarked

2. VERTICAL CONTROL IDENTIFIED

None

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION
76CC 3796	Mechanic, 1958 Sub Pt. A		
76CC 3816	2(USE), 1937 Sub Pt. A		
76CC 3797	Northeast Micro Wave Relay Tower, 1958 Sub Pt. A		

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)

3 -Form 76-53

3 -Form 76-67

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00957
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline and alongshore detail	April 82	Class 111		
Final Reviewed Map	Oct 84	Class III manuscript		

II. LANDMARKS AND AIDS TO NAVIGATION

1. REPORTS TO MARINE CHART DIVISION, NAUTICAL DATA BRANCH

NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED	REMARKS

2. ☐ REPORT TO MARINE CHART DIVISION, COAST PILOT BRANCH. DATE FORWARDED: _____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 NOS 567 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 ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
THIRD EDITION	SURVEY NUMBER TP - _____ (3)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	
FOURTH EDITION	SURVEY NUMBER TP - _____ (4)	JOB NUMBER PH - _____	TYPE OF SURVEY ☐ REVISED ☐ RESURVEY MAP CLASS ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	

OFFICIAL MILEAGE FOR COST ACCOUNTS

SHEET NO.

TP-00956
TP-00957
TP-00958
TP-00959
TP-00960
TP-00961
TP-00962
TP-00963
TP-00964
TP-00965

8
13
12
14
22
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9
9
7

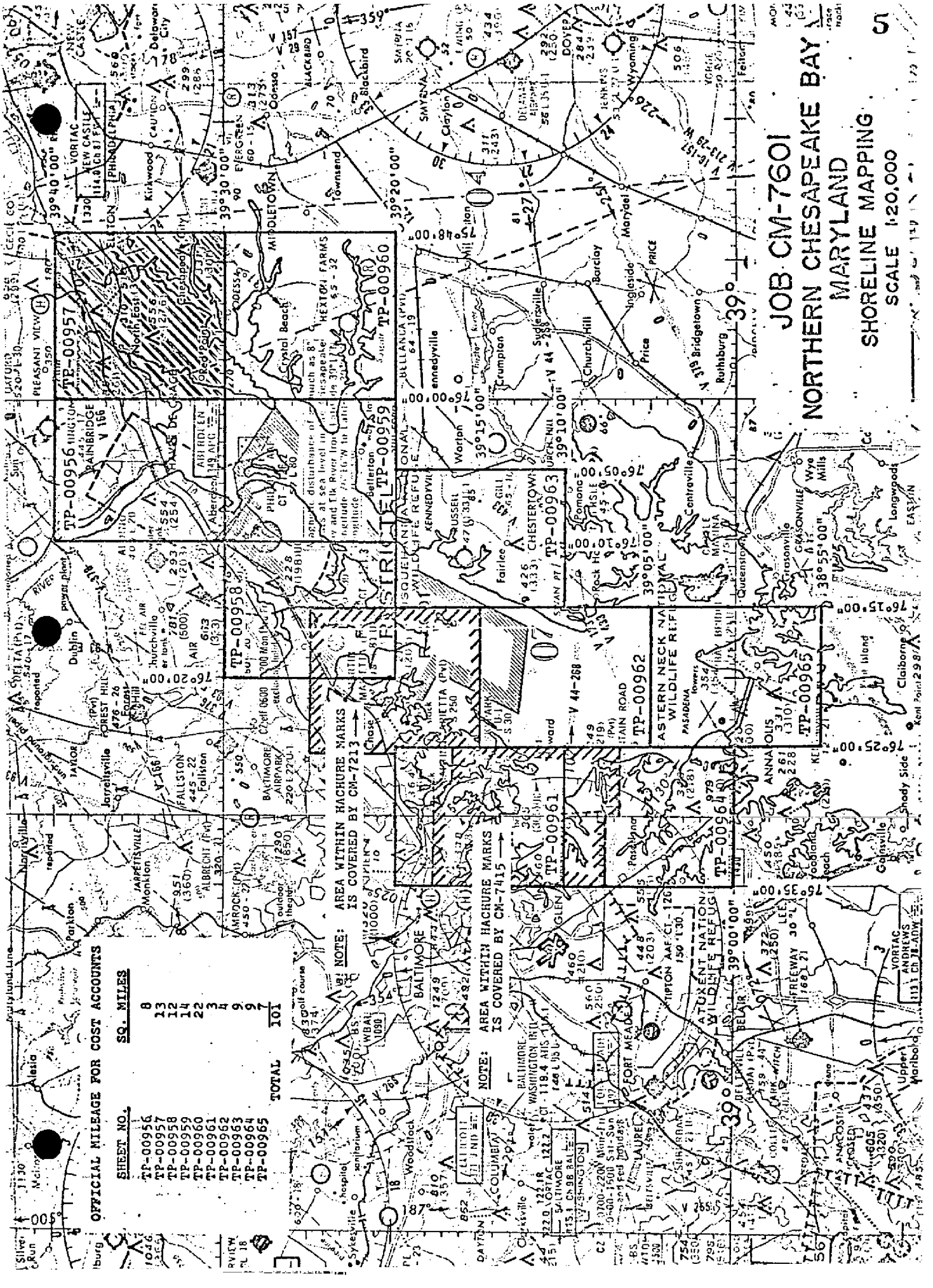
TOTAL

101

NOTE: AREA WITHIN HACHURE MARKS IS COVERED BY CM-7213

NOTE: AREA WITHIN HACHURE MARKS IS COVERED BY CM-7415

JOB CM-7601
NORTHERN CHESAPEAKE BAY
MARYLAND
SHORELINE MAPPING
SCALE 1:20,000



SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00957

This 1:20,000-scale shoreline map is one of 10 maps in project CM-7601. The area covered is located in Northern Chesapeake Bay, Maryland.

Field operations consisted of aerial photography and the recovery, establishment, and identification (premarking) of horizontal control necessary for aerotriangulation. There was no field inspection performed.

Photographs were taken in March 1976 with the Wild RC-10(C) camera. These photographs were the natural color at 1:60,000 scale and supplemental infrared at 1:40,000 scale.

Seven strips of 1:60,000-scale color photographs were bridged by analytic aerotriangulation methods. The seven strips were controlled by field identified control with some additional office identified control used as checks. The aerotriangulation control proved adequate and met the National Standards of Map Accuracy.

Tide-coordinated infrared photographs were flown to be used to establish the high and low water lines.

Compilation was performed by Coastal Mapping Unit, Rockville, MD. The map planimetry was compiled using office interpretation of 1:60,000-scale color photographs on the stereoplotter. The MHW and the MLLW lines were graphically compiled from office interpretation using the infrared, ratio, tide controlled photographs. The planimetry was used as control in the compilation of the shoreline.

Final review was performed by the Coastal Mapping Unit (Rockville, MD). This map was found to be satisfactory and meets National Standards of Map Accuracy.

FIELD INSPECTION

TP-00957

There was no field inspection prior to compilation. Field work accomplished was limited to the recovery and identification of the horizontal control necessary for the aerotriangulation of the project.

Photogrammetric Plot Report
Northern Chesapeake Bay
CM-7601
November 16, 1977

8a 8

Area Covered

The area covered by this report is the northern part of the Chesapeake Bay from approximately the Bay Bridge north to Harve de Grace. This area is covered by ten 1:20,000 scale sheets, TP-00956 thru TP-00965.

Method

Seven strips of 1:60,000 scale color photography were bridged by analytic aerotriangulation methods. The seven strips were controlled by field-identified control with some additional office-identified control used as checks. The points read on the bridging strips are more than adequate for compilation purposes. Tie points were used in all seven strips to insure an adequate junction of all strips during the strip adjustments.

Adequacy of Control

This job was flown with the RC-10 "C" camera during the time when it was malfunctioning due to vacuum problems. Thus, an optional method of preparing the individual strips for adjustment was used. By the use of this "optional method" control checked within map accuracy standards and is sufficient for its intended use. See attached sheet for accuracy of control in strip adjustments.

One station proved to be incorrect as to its position. Station 854101 was greatly exceeding our tolerance standards, so to isolate the problem an overlapping strip with this same point was read, showing the same error as before. As a result, this point was omitted from the strips involved.

Supplemental Data

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

Photography

The coverage and overlap of the photography was adequate for the job. The quality of the photography was marginal due to the intermittent vacuum failure.

Submitted, by

BT

Brian F. Thornton

Approved and forwarded:

John D. Perrow Jr.

John D. Perrow, Jr.

Chief, Aerotriangulation Section

Accuracy of Control

	<u>POINT</u>	<u>X-ERROR</u>	<u>Y-ERROR</u>
Strip #1	805100	0.162	0.205
	808101	-0.359	-1.476
	809101	0.268	1.489
	796101	-0.071	-0.217
Strip #2	796101	0.907	0.486
	809101	0.939	2.841
	810101	-1.488	-2.526
	801100	0.247	-1.490
	802101	-0.606	-0.688
Strip #3	801101	-1.478	0.239
	802101	0.284	-1.277
	823101	-0.828	2.272
	826101	0.599	-0.453
Strip #4	829100	-0.378	-0.361
	831101	1.429	1.679
	832101	-1.153	-1.979
	833101	0.101	0.659
Strip #5	832101	0.389	-2.659
	831101	-1.809	4.281
	836101	0.974	-1.485
	838101	1.288	-1.988
	839101	0.651	2.432
	847801	-0.595	-0.580

	<u>POINT</u>	<u>X-ERROR</u>	<u>Y-ERROR</u>
Strip #6	847100	0.200	-0.384
	850101	-0.354	0.606
	856101	0.271	-0.352
	796101	-0.117	0.130
Strip #8	856101	-0.495	0.342
	853801	0.863	0.193
	851801	1.196	-1.757
	850101	-2.310	2.048
	847100	0.742	-0.832

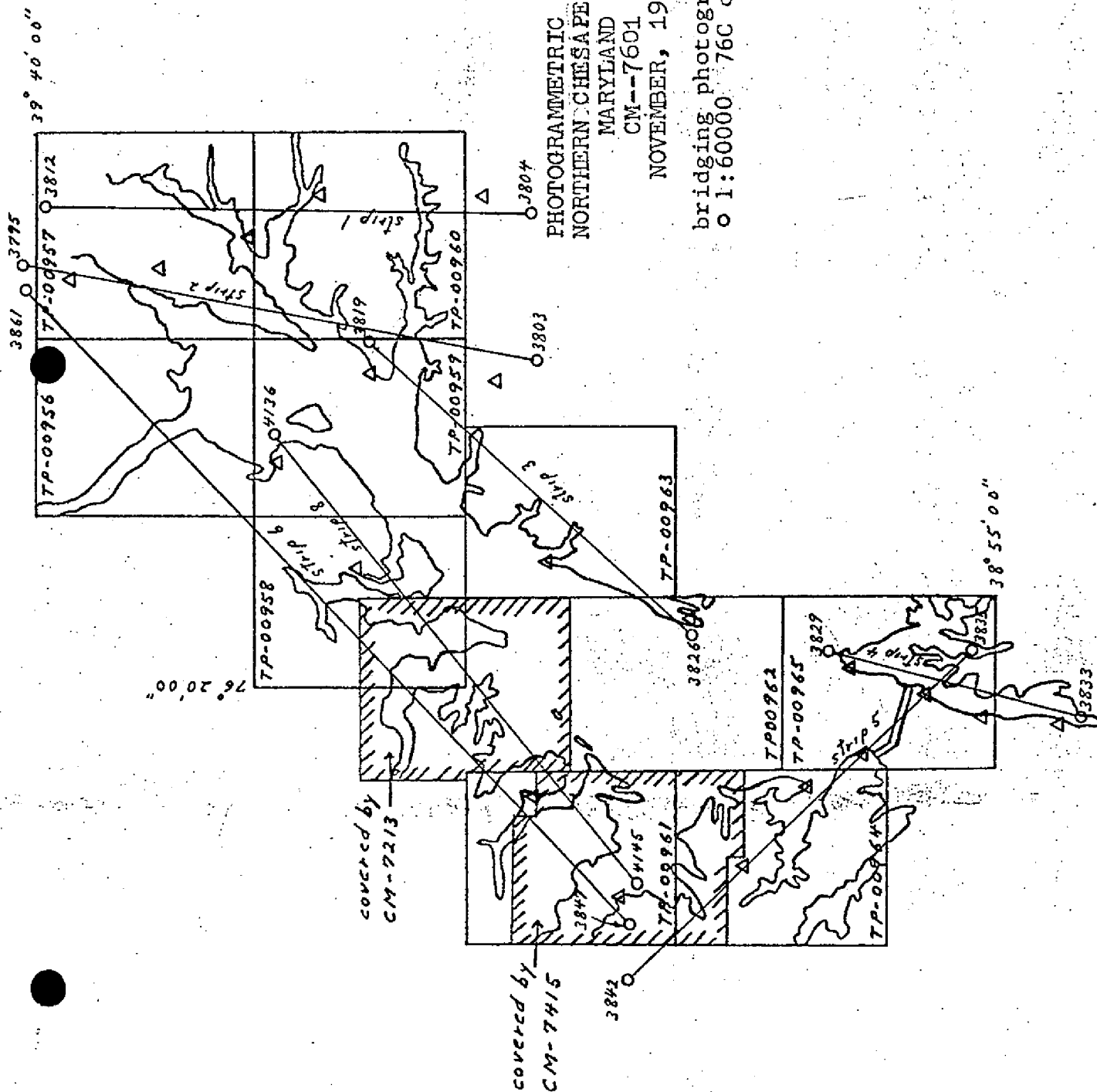
Notes to the Compiler

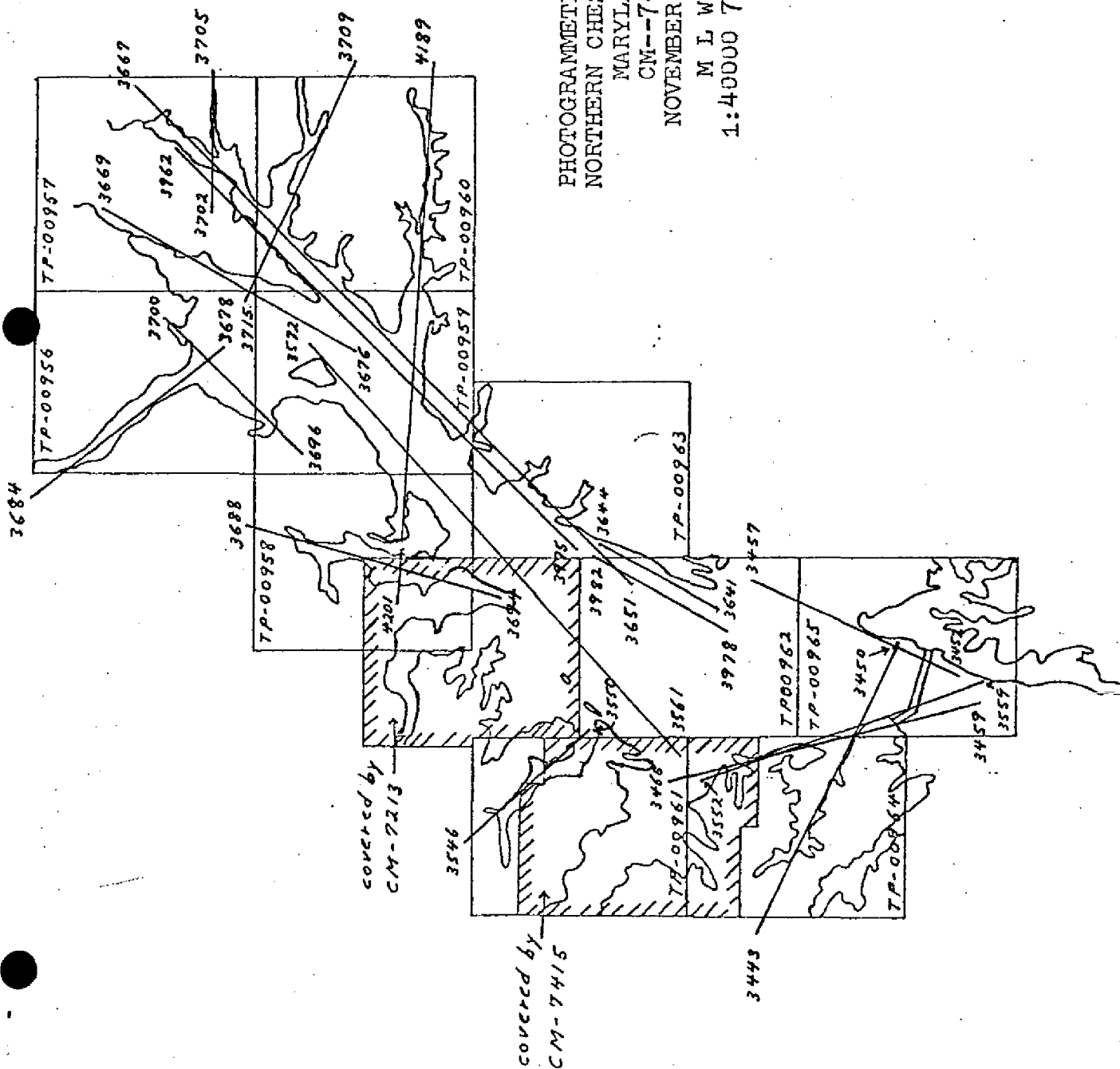
In the Descriptive Report Control Record, point 000001, Howell Point Tower #5, 1918 has been deleted. This station was destroyed and a new tower was constructed approximately 60 ft. away. The new tower designated 820111 is a new position for the tower which was determined by aerotriangulation methods. The values for this position are in the remark column of the same Descriptive Report.

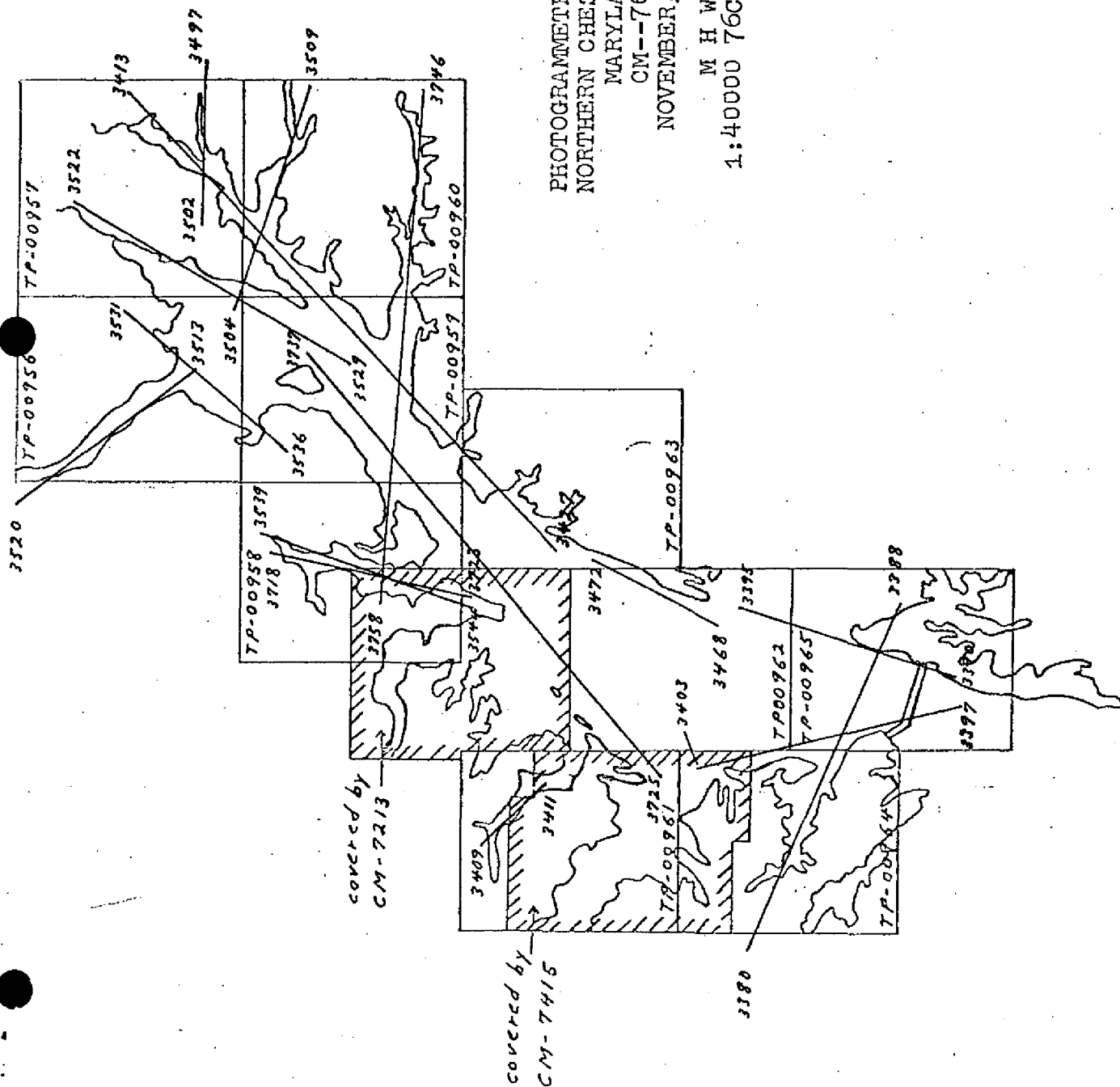
Parts of T-sheets T-00964, T-00961 have been covered by earlier projects, CM-7415 and CM-7213 respectively.

As mentioned in the aerotriangulation report, this camera was experiencing a vacuum malfunction problem during the filming of this project. As a result, during the course of your B-8 work, you may experience local parallax problems.

Strip #7 was omitted from the job because it was a duplicate flight line of strip #8.







PHOTOGRAMMETRIC SKETCH
NORTHERN CHESAPEAKE BAY

MARYLAND

CM--7601

NOVEMBER, 1977

M H W

1:40000 76C (R)

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	STATION NAME	JOB NO.	SOURCE OF INFORMATION (index)	AEROTRI- ANGULATION POINT NUMBER	GEODETIC DATUM		COORDINATES IN FEET STATE ZONE	GEOGRAPHIC POSITION ϕ LATITUDE λ LONGITUDE		REMARKS
					NA 1927	ORIGINATING ACTIVITY				
TP-00957	Northeast Municipal Water Tank, 1958	CM-7601	GP Vol 1 P 377				$x =$ $y =$	ϕ 39°55'59.282"		
								λ 75°56'27.791"		
	Northeast Microwave Relay Tower, 1958		P 377	810100			$x =$ $y =$	ϕ 39°33'41.455"		
								λ 75°55'48.005"		
	Town Point Channel West Front Range Light, 1938		P 637	263			$x =$ $y =$	ϕ 39°30'08.322"		
								λ 75°55'53.739"		
	Town Point Channel West Rear range Light, 1938		P 636	253			$x =$ $y =$	ϕ 39°30'06.515"		
								λ 75°56'02.225"		
	2(USE), 1937		P153	809100			$x =$ $y =$	ϕ 39°30'17.316"		
								λ 75°54'04.598"		
	Mechanic, 1958		P 356	796100			$x =$ $y =$	ϕ 39°38'19.052"		
								λ 75°56'23.241"		
							$x =$ $y =$	ϕ		
								λ		
							$x =$ $y =$	ϕ		
								λ		
							$x =$ $y =$	ϕ		
								λ		
							$x =$ $y =$	ϕ		
								λ		
							$x =$ $y =$	ϕ		
								λ		
COMPUTED BY								COMPUTATION CHECKED BY		DATE
LISTED BY	E D Allen							LISTING CHECKED BY	F Wright	DATE
HAND PLOTTING BY								HAND PLOTTING CHECKED BY		DATE

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

Compilation Report

TP-00957

April 1982

31. Delineation

Delineation was by both stereoscopic and graphic methods. All detail except the MHW and MLLW lines were compiled from color photographs using the Wild B-8 plotter. The MHW and MLLW lines were delineated graphically from the tide-coordinated infrared photographs.

Only a general pattern of secondary roads were compiled to be used mainly as an aid for future revisions.

32. Control

See attached Photogrammetric Plot Report dated November 16, 1977.

33. Supplemental Data - None34. Contours and Drainage

Contours are not applicable to this project. Drainage was delineated from the Wild B-8 stereoplotter.

35. Shoreline and Alongshore Details

The infrared photos were adequate to delineate the MHW and MLLW lines. Some piers were omitted that were too small to show at this scale. There was no field inspection prior to compilation.

36. Offshore Details

None compiled.

37. Landmarks and Aids

Two charted landmarks were located or verified during compilation. Elkton Plasticoid Co. Water Tank, 1958 is not visible, although there is a tank located at $39^{\circ}36.6$ north and $75^{\circ}50.5$ west. Field man should verify that this tank has been moved. Three aids were rebuilt after 1976 date of photography. Only those landmarks and aids that were visible on photographs are shown on this map.

38. Control For Future Surveys - None

39. Junctions

Refer to NOAA Form 76-36B.

40 thru 45 - Not Applicable46. Comparison with Existing Maps

Comparison was made with the following U.S. Geological Survey Quadrangles:

Elkton, Md-Del, 1953, photorevised 1970, 1:24,000 scale

Northeast, Md., 1953, photorevised 1970, 1:24,000 scale

47. Comparison with Nautical Charts

Comparison was made with the following charts:

12274, scale 1:40,000, 20th Edition, October 3, 1981

Submitted by,



Edward D. Allen

Approved and Forwarded:



Frank Wright
Chief, Coastal Mapping Section

Review Report TP-00957
Shoreline

October 1984

61. GENERAL STATEMENT

Refer to Summary bound with this Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

None

63. COMPARISON WITH MAPS OF OTHER AGENCIES

Refer to Compilation Report, paragraph 46, bound with this Descriptive Report.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

None

65. COMPARISON WITH NAUTICAL CHARTS

A Comparison was made with Nautical Chart 12274, 20th Edition, Oct. 3, 1981, 1:40,000 scale.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This map complies with the project instructions and meets National Map Accuracy Standards.

67. PHOTOGRAPHS

Color photographs 1:60,000 scale were taken with the RC-10(C) camera in March 1976. Tide-coordinated, black-and-white infrared photographs (scale 1:40,000) were also taken with the "C" camera in 1976.

Submitted by:



Edward D. Allen
Cartographer

Approved and Forwarded:

Chief, Photogrammetric Section

Chief, Photogrammetry Branch

GEOGRAPHIC NAMES

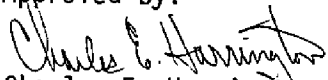
FINAL NAME SHEET

CM-7601 (Chesapeake Bay, Md.)

TP-00957

Back Creek	Hylands Point	Stony Run
Big Elk Creek	Jones Creek	Wattys Point
Bull Minnow Point	Little Elk Creek	Welch Point
Camp Rodney	Little Welch Point	Whitehall Point
Cara Cove	Locust Point	White Point
Cedar Point	Long Creek	
Charlestown	Muddy Creek	
Chesapeake and Delaware Canal	North East	
Chesapeake City	Northeast Heights	
Clay Point	Northeast River	
Conrail (RR)	Oldfield Point	
Courthouse Point	Old Frenchtown Wharf	
East Point	Old Town Point Wharf	
Elk Neck	Paddy Piddle Cove	
Elk Neck (Ppl)	Perch Creek	
Elk River	Piney Creek	
Elkton	Piney Creek Cove	
Elkton Landing	Plum Creek	
Emily Point	Plum Point	
Green Point	Port Herman	
Hance Point	Red Point (Ppl)	
Hance Point Creek	Roach Point	
Henderson Point	Sandy Point	
Herring Creek	Scotland Point	
Herring Island	Seneca Point	

Approved by:


Charles E. Harrington
Chief Geographer, C3x5

Dissemination of Project Material
CM-7601
Northern Chesapeake Bay

National Archives/Federal Records Center

Job Completion Report

Brown Jacket

Aerotriangulation Photographs

Photogrammetric Plot Report Copy

Computer Listings

Tide Data

Field Control Reports

NOAA Form 76-52 (Observation of Horizontal Direction)

NOAA Form 76-53 (Control Identification Cards)

NOAA Form 76-41 (Descriptive Report Control Record)

NOAA Form 76-77 (Leveling Record - Tide Stations)

NOAA Form 76-68

NOAA Form 76-72

NOAA Form 76-15 (Photographic Flight Report)

Bureau Archives

Registered Map

Descriptive Report

Reproduction Division

8x Reduction negative of Map

Office of Staff Geographer

Geographic Names Standards

-76-49
 LISTING
 PHOTOGRAMMETRIC BRANCH
 PHOTOGRAMMETRY DIVISION
 NATIONAL OCEAN SURVEY
 DEPARTMENT OF COMMERCE
 NOAA
 USA
 DATATAB
 VERSION
 782707

SVY	TP-00957	*	RPT UNIT	CMD, ROCKVILLE,MD.	*	PAGE 1 OF 3	*
JOB	CM-7601	*	STATE	MARYLAND	*		*
PRJ	.	*	LOCALITY	CHESAPEAKE BAY	*	ORIGINATING ACTIVITY	*
DTM	NA 1927	*	DATE	08/11/82	*	COMPILATION	*

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* * * * *
* POSITIONS DETERMINED
* AND/OR VERIFIED BY
* FIELD AND OFFICE
* ACTIVITIES
*
* * * * *
*
* ED D. ALLEN
* JEFF C. MOLER
* JEFF C. MOLER
*
* * * * *
* FIELD REPRESENTATIVE
* OFFICE COMPILER
* DIGITIZER
* DATA PROCESSFR
*
* * * * *

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KEY FOR ENTRIES UNWER METHOD AND DATE OF LOCATION

OFFICE

1. OFFICE IDENTIFIED AND LOCATED OBJECTS.
THE NUMBER AND DATE (INCLUDING MONTH, DAY
AND YEAR) OF THE PHOTOGRAPH USED TO
IDENTIFY AND LOCATE THE OBJECT ARE SHOWN.
EXAMPLE 75E(C)6042
8-12-77

* * * * *

* FIELD (CONT, D)

* * * * *

B. PHOTOGRAMMETRIC FIELD POSITIONS** SHOW
THE METHOD OF LOCATION OR VERIFICATION.
DATE OF FIELD WORK AND NUMBER OF PHOTO-
GRAPH USED TO LOCATE AND IDENTIFY THE
OBJECT.
EXAMPLE P-8-V

* * * * *

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FIELD
1. NEW POSITION DETERMINED OR VERIFIED
KEY TO SYMBOLS
2. TRIANGULATION STATION RECOVERED
WHEN A LANDMARK OR AID WHICH IS ALSO A TRIP-

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[illegible]

3-INTERSECTION	*	3-POSITION VERIFIED VISUALLY ON PHOTOGRAPH	*
4-RESECTION	*	SHOWN BY V-VIS AND DATE.	*
	*	EXAMPLE V-VIS	*
A.FIELD POSITIONS* SHOW THE METHOD OF	*	8-12-75	*
7-PLANETABLE			*
8-SEXTANT			*

* **FIELD POSITIONS ARE DETERMINED BY FIELD
* OBSERVATIONS BASED ENTIRELY UPON GROUND
* SURVEY METHODS
*
* **PHOTOGRAMMETRIC FIELD POSITIONS ARE
* DEPENDENT ENTIRELY,OR IN PART,UPON CONTROL
* ESTABLISHED BY PHOTOGRAMMETRIC METHODS
* *

NOTE: WHERE THE NAME OF AN AID INCLUDES THE IMMEDIATE GEOGRAPHIC HEADING UNDER WHICH IT IS LISTED, * A DASH (-) IS USED TO INDICATE THE GEOGRAPHIC HEADING WHICH IS PART OF THE OFFICIAL NAME. *

76-40
LISTING
PHOTOGRAMMETRIC BRANCH
PHOTOGRAMMETRY DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATA TAB
VERSION
782707

* SVY	TP-00957	* LANDMARKS FOR CHARTS	* RPT UNIT	CMD, ROCKVILLE,MD.	* PAGE	3 OF	3	*
* JOB	CM-7601	* TO BE CHARTED	* STATE	MARYLAND	*			*
* PRJ	.		* LOCALITY	CHESAPEAKE BAY	* CRIGINATING	ACTIVITY		*
* DTM	NA 1927		* DATE	08/11/82	* COMPILATION			*

CM-7601 * JOB LANDMARKS FOR CHARTS * STATE MARYLAND * * *

* PRJ	•	* TO BE CHARTED	* LOCALITY	* CHESAPEAKE BAY	* ORIGINATING ACTIVITY*
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* DTM	* NA 1927	* DATE	* COMPILATION
		08/11/82	

*** THE FOLLOWING OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMINE THEIR VALUE AS LANDMARKS ***

* * *	DESCRIPTION	* * *
* * *	POSITION	* * *
* * *	CMD	* * *
* * *	METHOD AND DATE	* * *

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*CHARTING*      RECORD REASON FOR DELETION      ** LATITUDE      DM      ALTEK*      OF LOCATION      * CHARTS *

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* NAME	* PUT	TRIANGULATION NAMES IN ()	DP	DGTZD*	OFFICE	* FIELD	* AFFECTED*
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* * *
RADIO
*
39
36
29.83
*
920.0
*76CC3797
* * *

* TOWER *	* 75 57 04.61	* 03/23/76 *	* 12274 *
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* * *	* * *	* * *	* * *	* * *
* * (NORTHEAST	MUNICIPAL	WATER	1828.2	NOT * TRIANG
* * *	* * *	* * *	* * *	* * *

* * *	TANK * TANK,1958)	* 75 56 27.79	663.0 DGTZD*	* 12274 *
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* MICRO *	(NORTHEAST	MICROWAVE	RELAY	* 39	33	41.46	1278.6	NOT *	TRIANG	* *
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* TOWER	* TOWER, 1958)	* 75 55 48.00	1145.9	DGTZD*	* 12274 *
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* FIRE	* 39 31	* 59.94	* 1848.5	* 76CC3799	* *
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* * *	TOWER	*	*	75	56	33.37	796.9	* 03/23/76	* 12274 *
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[illegible]

* * *	12274 *
* * *	03/23/76 *
* * *	03/23/76 *
* * *	46.3
* * *	75 56 01.94
* * *	SILO *

* BARN W *	* 39 31 15.88	* 489.7	* 76CC3799	* *
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* * GABLE	* 75 55	22.44	536.0	* 03/23/76	* 12274 *
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[illegible]

* + +	SIL0
* + +	75 53 30.56
* + +	729.8
* + +	* 03/23/76
* + +	12274
*	

* * RADIO *	* 39 32 01.01	* 31.1	* 76CC3809	* *
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* TOWER	* 75	49	13	10	312	9	* 03/23/76	* *	12274	* *
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* * *	* 39 31	* 50 46	* 76 CC 38 09	* *
		1556-2		

* * *	12274 *
* * *	03/23/76 *
* * *	968.4 *
* * *	75.48 *
* * *	40.55 *
* * *	TANK *
* * *	TANK *

1283	9	76003809	
3931	41-60		
3931			

[illegible]

