

TP-00958

TP-00958

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-00958

Classification No. Edition No. 1

Class 111

LOCALITY

State Maryland

General Locality Northern Chesapeake Bay

Locality Bush River

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.		TYPE OF SURVEY ☒ ORIGINAL ☐ RESURVEY ☐ REVISED		SURVEY TP. 00958 MAP EDITION NO. 1 MAP CLASS 111 JOB CM PHX 7601	
DESCRIPTIVE REPORT - DATA RECORD				LAST PRECEDING MAP EDITION			
PHOTOGRAMMETRIC OFFICE Rockville, Md.				TYPE OF SURVEY ☐ ORIGINAL ☐ RESURVEY ☐ REVISED		JOB PH- MAP CLASS SURVEY DATES: 19__ TO 19__	
OFFICER-IN-CHARGE W Simmons							
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				B Thornton		Nov 1977	
METHOD: Analytic LANDMARKS AND AIDS BY				B Thornton		Nov 1977	
2. CONTROL AND BRIDGE POINTS PLOTTED BY				S Solbeck		Dec 1978	
METHOD: Coradomat CHECKED BY							
3. STEREOSCOPIC INSTRUMENT PLANIMETRY BY				J Schad		Oct 1981	
COMPILATION CHECKED BY				E D Allen		Oct 1981	
INSTRUMENT: Wild B-8				None			
SCALE: 1:20,000				CHECKED BY			
4. MANUSCRIPT DELINEATION PLANIMETRY BY				J Schad		Nov 1981	
CHECKED BY				E D Allen		Dec 1981	
METHOD: Smooth Drafted				None			
SCALE: 1:20,000 HYDRO SUPPORT DATA BY				None			
CHECKED BY							
5. OFFICE INSPECTION PRIOR TO FIELD EDIT BY				F Wright		Feb 1982	
6. APPLICATION OF FIELD EDIT DATA BY				None			
CHECKED BY							
7. COMPILATION SECTION REVIEW BY				F Wright		Feb 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-00958

1. COMPILATION PHOTOGRAPHY

CAMERA(S)

Wild RC 10 'C'

TYPES OF PHOTOGRAPHY
LEGEND

TIME REFERENCE

TIDE STAGE REFERENCE

☐ PREDICTED TIDES☐ REFERENCE STATION RECORDS☒ TIDE CONTROLLED PHOTOGRAPHY

(C) COLOR

(P) PANCHROMATIC

(I) INFRARED

ZONE

Eastern

☒ STANDARD

MERIDIAN

75th

☐ DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
7600 3853-55	Mar 23 76	15:12	1:60,000	N/A
7600 4137-39	Mar 28 76	12:10	1:60,000	N/A
See form 76-36B(1) for infrared photography				

REMARKS

2. SOURCE OF MEAN HIGH-WATER LINE:

The MHW infrared photographs listed on form 76-36B(1)

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

The MLLW infrared photographs listed on form 76-36B(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
NoneEAST
TP-00959SOUTH
TP-00963, TP-00643WEST
TP-00641

REMARKS

NOAA FORM 76-36B(1)
(7-75)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

TIDE - COORDINATED PHOTOGRAPHY

TP - 00958

LOCATION AND PHOTOGRAPHY	TIDE STATIONS (In operation at time of photography)	STAGE OF TIDE	MEAN RANGE
76CR 3718-3722	Harve De Grace	+0.3 MHW	
76CR 3539-3543	"	-0.21 MHW	
76CR 3536	"	-0.18 MHW	
76CR 3732-3733	Baltimore, South End	-0.08 MHW	
76CR 3755-3758	Baltimore	+0.02 MHW	
76CR 4199-4201	Baltimore	-0.29 MLLW	
76CR 3689-3694	Harve De Grace	+0.10 MLLW	
76CR 3560-3569	Baltimore, South End	-0.10 MLLW	

REMARKS:

TP-00958
HISTORY OF FIELD OPERATIONSI. ☒ FIELD INVESTIGATION OPERATION☐ FIELD EDIT OPERATION.

OPERATION	NAME	DATE
1. CHIEF OF FIELD PARTY	R TIBBETTS	Mar 76
2. HORIZONTAL CONTROL	RECOVERED BY R Tibbetts ESTABLISHED BY None PRE-MARKED OR IDENTIFIED BY L Davus	Mar 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 4138	Chelsea, 1949 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)

1-Form 76-53

1-Form 76-67

NOAA FORM 76-36D
(3-72)U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIONTP-00958
RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

COMPILATION STAGES			DATE MANUSCRIPT FORWARDED	
DATA COMPILED	DATE	REMARKS	MARINE CHARTS	HYDRO SUPPORT
Shoreline and alongshore detail	Nov 81	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	

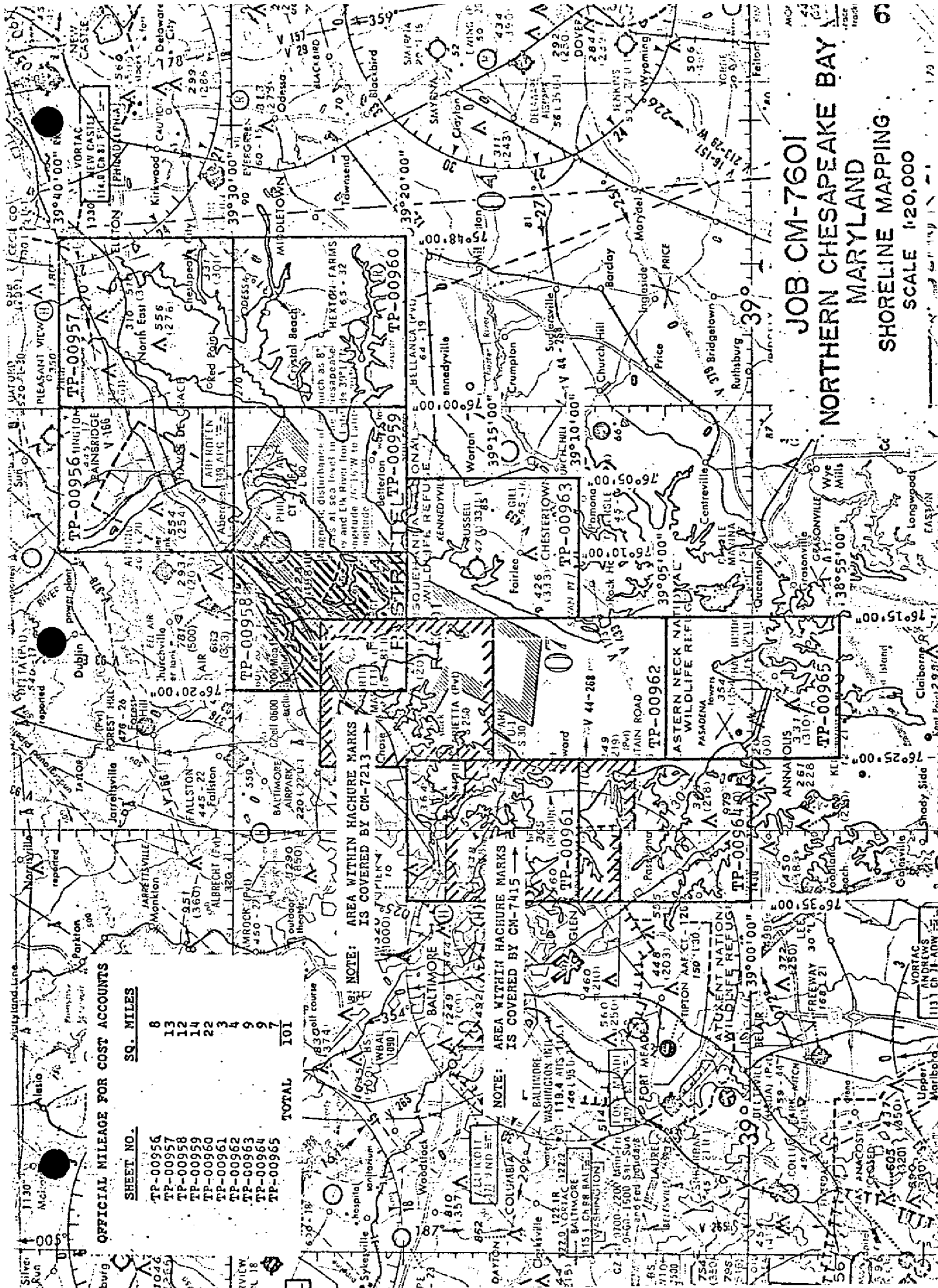
OFFICIAL MILEAGE FOR COST ACCOUNTS

SHEET NO.	SQ. MILES
TP-00956	8
TP-00957	13
TP-00958	12
TP-00959	14
TP-00960	22
TP-00961	3
TP-00962	4
TP-00963	9
TP-00964	9
TP-00965	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-009 58

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-00958

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

9
8a

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

Brian F. Thornton

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

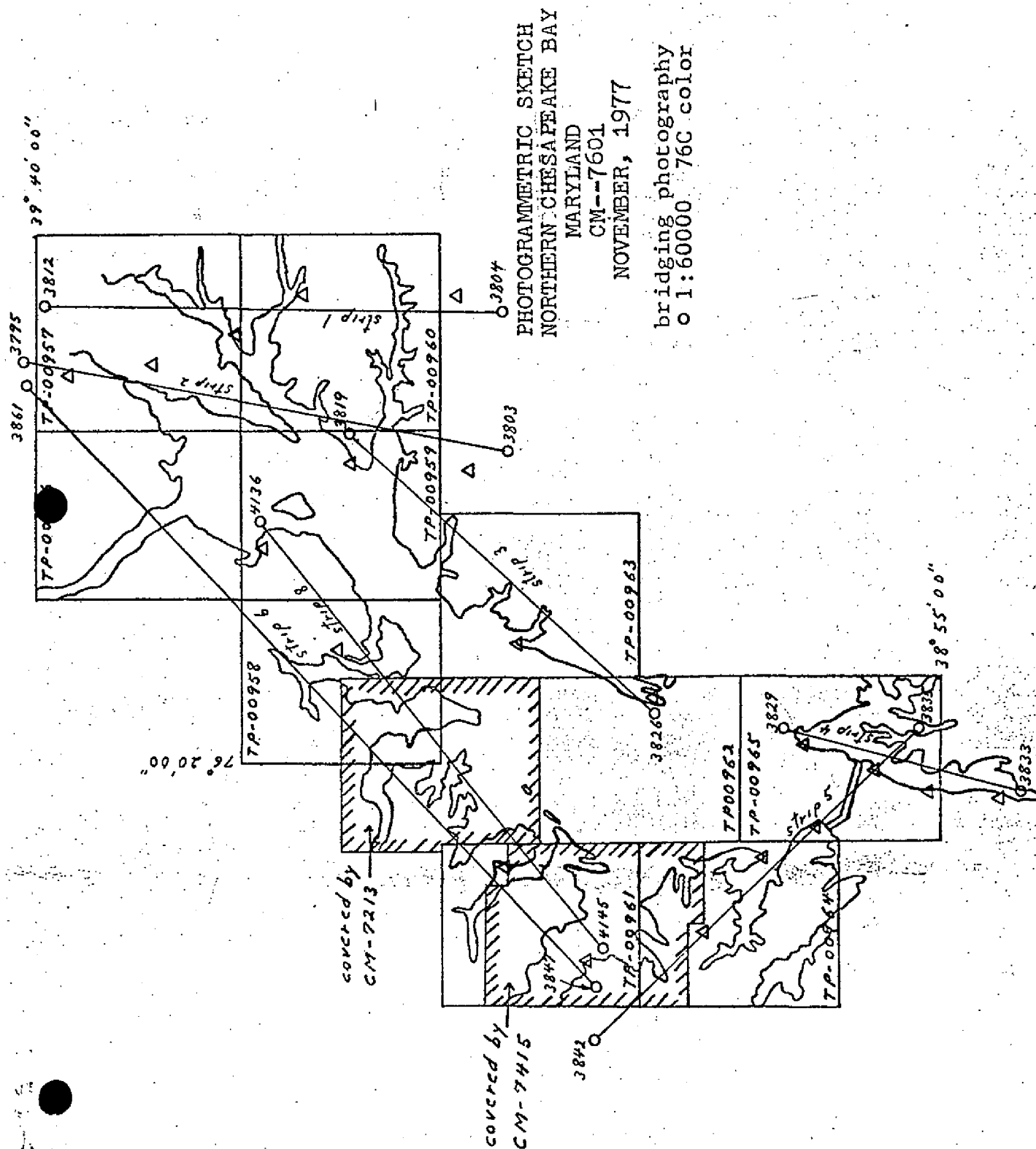
Notes to the Compiler

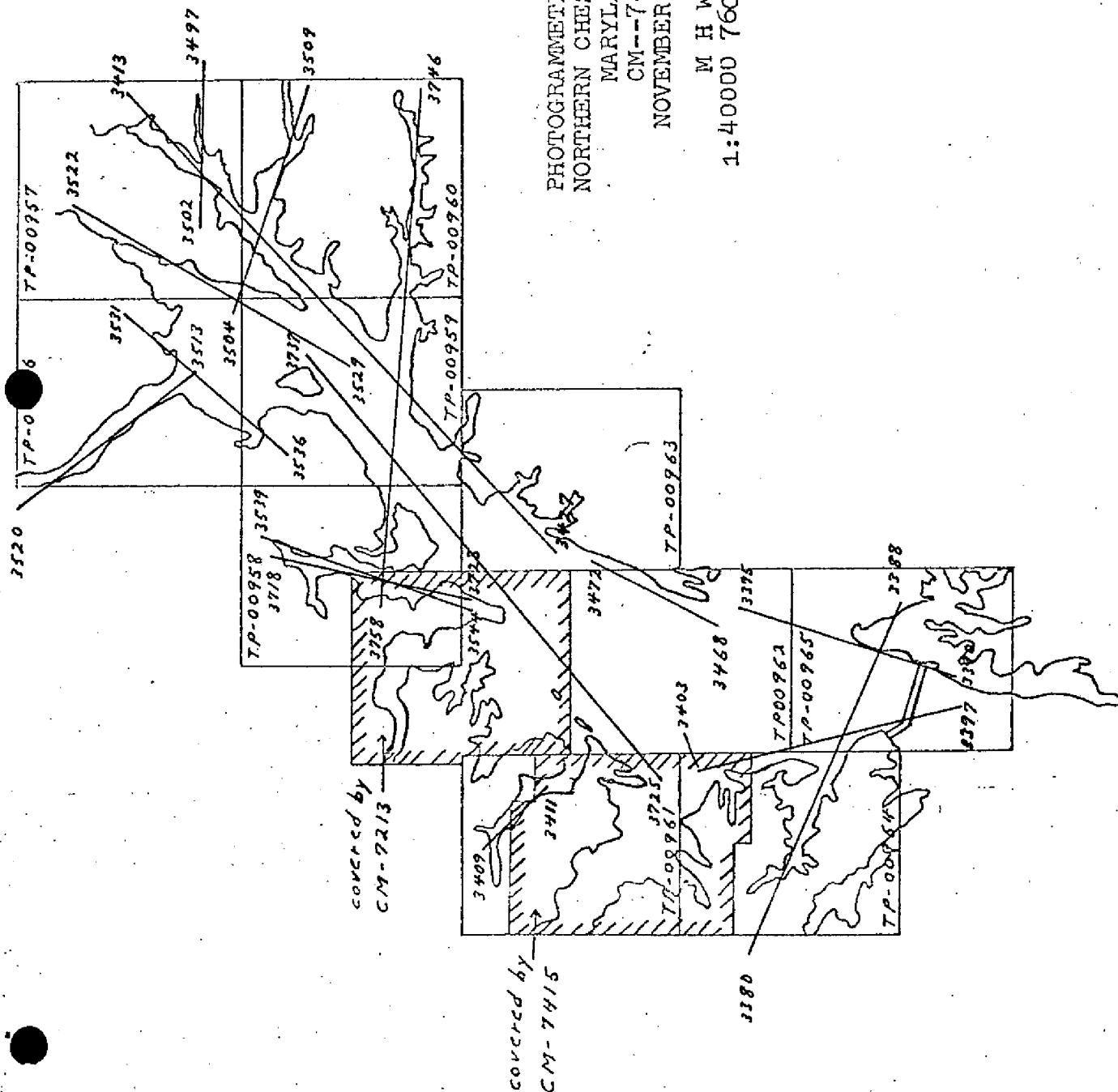
In the Descriptive Report Control Record, point .000001, Howell Point Tower #5,1918 has been deleted. This station was destroyed and a new tower was constructed approximately 60 ft. away. The new tower designated 820111 is a new position for the tower which was determined by aerotriangulation methods.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

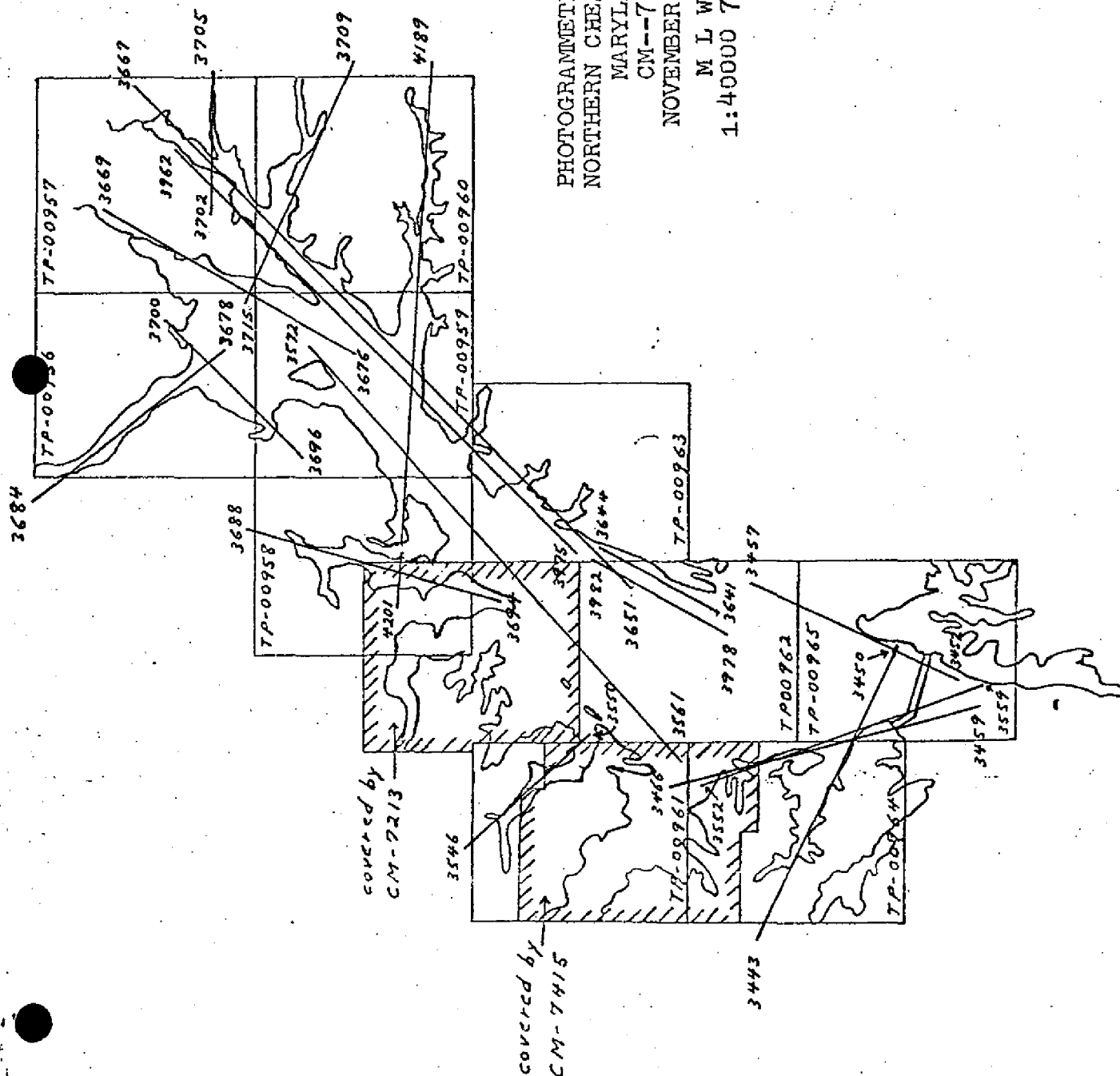
Parts of T-sheets T-00964, T-00961 have been covered by earlier projects, CM-7415 and CM-7213 respectively.

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.







DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.		JOB NO.		GEODETIC DATUM		ORIGINATING ACTIVITY		REMARKS	
TP-00958		CM-7601		NA 1927		Rockville, Md.			
STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRI-ANGULATION POINT NUMBER	COORDINATES IN FEET STATE ZONE		GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE				
H Tower, 1949	GP Vol 1 P 638	333	X=		φ	39°21'42.76"			
			Y=		λ	76°14'36.76"			
C Tower, 1945	" P 340		X=		φ	39°23'28.094"			
			Y=		λ	76°14'41.072"			
Chelsea, 1949	" P 637		X=		φ	39°25'15.821"			
			Y=		λ	76°13'33.545"			
Belcamp Bata Shoe Company Water Tank, 1958	GP Vol 2 P 349A		X=		φ	39°28'02.995"			
			Y=		λ	76°14'14.663"			
Upper Chesapeake Bay Channel Rear Range Light, 1939	" P 457		X=		φ	39°20'13.931"			
			Y=		λ	76°12'38.961"			
			X=		φ				
			Y=		λ				
			X=		φ				
			Y=		λ				
			X=		φ				
			Y=		λ				
			X=		φ				
			Y=		λ				
			X=		φ				
			Y=		λ				
COMPUTED BY	DATE		COMPUTATION CHECKED BY		DATE				
LISTED BY J Sched	DATE 11/81		LISTING CHECKED BY F Wright		DATE 2/82				
HAND PLOTTING BY	DATE		HAND PLOTTING CHECKED BY		DATE				

COMPILATION REPORT

TP-00985
5831. DELINEATION

All detail except the MHW and MLLW was compiled using the Wild B-8 stereoplotter. The MHW and MLLW lines were compiled graphically from ratioed tide controlled infrared photographs.

32. CONTROL

See the attached Photogrammetric Plot Report.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are not applicable to the project. The drainage was delineated from the color photography using the Wild B-8 plotter and verified with the infrared photography.

35. SHORELINE AND ALONGSHORE DETAILS

Alongshore detail was compiled from office interpretation of the color photography using the B-8 plotter. The infrared photographs were adequate to compile the shoreline and MLLW. Numerous small piers could not be compiled due to the scale of this map.

36. OFFSHORE DETAIL

Charted island at $39^{\circ}23'00''$ $76^{\circ}11'00''$ does not appear on the photographs.

Triangulation station "Upper Chesapeake Bay Channel Rear Passage Light, 1939" appears destroyed but was retained on this map as the chart has an obstruction at this position. Rocks at $39^{\circ}21'40''$ $76^{\circ}14'50''$ and $39^{\circ}25'35''$ $76^{\circ}13'35''$ should be investigated by field party.

37. LANDMARKS AND AIDS

All landmarks and aids visible on photography were located during compilation using the Wild B-8 plotter except for triangulation stations which were verified.

Refer to NOAA Form 76-40.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Refer to NOAA Form 76-36B, Item 5.

40-45. Not Applicable.

46. COMPARISON WITH EXISTING MAPS

A comparison was made with the following USGS quadrangles:

Perryman, Maryland 1:24,000 scale, 1948, photorevised 1970.
Hanesville, Maryland 1:24,000 scale, 1948, photorevised 1974.
Edgewood, Maryland 1:24,000 scale, 1949, photorevised 1974.

47. COMPARISON WITH NAUTICAL CHARTS

Chart 12274 1:40,000 scale, 19th Ed., October 4, 1980.

Submitted by:

James Schad
James Schad

Approved by:

Frank Wright

Chief, Coastal Mapping Section

Review Report TP-00958
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

September 1, 1982

GEOGRAPHIC NAMES

FINAL NAME SHEET

CM-7601 (Chesapeake Bay, Md.)

TP-00958

Abby Creek	Little Romney Creek (1)
Abbey Point	Little Romney Creek (2)
Back Creek	Locust Point
Baltimore and Ohio (RR)	Long Bar Harbor
Belcamp	Monks Creek
Belcamp Beach	Monks Island
Bridge Creek	Otter Point
Bush Creek	Otter Point Creek
Bush Point (1)	Pond Creek Point
Bush Point (2)	Redman Cove
Bush River	Romney Creek
Bush River (Ppl)	Sod Run
Bynum Run	Taylor Island
Chesapeake Bay	Taylor Island Point
Chilbury Point	Towner Cove
Church Creek	
Church Point	
Cod Creek	
Conrail (RR)	
Delph Creek	
Edgewood	
Elmtree Point	
Flying Point	
Gum Point	
Lauderick Point Creek	

Approved by:

Charles E. Harrington

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

76-40 PHOTOGRAMMETRIC BRANCH NATIONAL OCEAN SURVEY NOAA DATATAB
LISTING PHOTOGRAMMETRY DIVISION DEPARTMENT OF COMMERCE USA VERSION
782707

* SVY TP-00958 * RPT UNIT CMD, ROCKVILLE,MD. * PAGE 1 OF 4 *
* JOB CM-7601 * STATE MARYLAND *
* PRJ * LOCALITY CHESAPEAKE BAY *ORIGINATING ACTIVITY *
* DTM NA 1927 * DATE 08/11/82 * COMPILATION *
* * * * *

* POSITIONS DETERMINED *
* AND/OR VERIFIED BY *
* FIELD AND OFFICE *
* ACTIVITIES *
* * * * *

* JAMES E. SCHAD * FIELD REPRESENTATIVE
* JEFF C. MOLER * OFFICE COMPILER
* JEFF C. MOLER * DIGITIZER
* * DATA PROCESSER *
* * * * *

KEY FOR ENTRIES UNDER METHOD AND DATE OF LOCATION

* 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
* 8-12-77
* 74L(C)2982

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

1.NEW POSITION DETERMINED OR VERIFIED
KEY TO SYMBOLS
F-FIELD P-PHOTOGRAMMETRIC
L-LOCATED VIS-VISUALLY
V-VERIFIED
1-TRIANGULATION 5-FIELD IDENTIFIED
2-TRAVERSE 6-THEODOLITE
3-INTERSECTION 7-PLANETABLE
4-RESECTION 8-SEXTANT

A.FIELD POSITIONS* SHOW THE METHOD OF
LOCATION AND DATE OF FIELD WORK.
EXAMPLE F-2-6-L
8-12-76

2.TRIANGULATION STATION RECOVERED
WHEN A LANDMARK OR AID WHICH IS ALSO A TRI-
ANGULATION STATION IS RECOVERED, A TRIANG.
REC. WITH DATE OF RECOVERY IS SHOWN.
EXAMPLE TRIANG. REC.
8-12-76

3.POSITION VERIFIED VISUALLY ON PHOTOGRAPH
SHOWN BY V-VIS AND DATE.
EXAMPLE V-VIS
8-12-75

* 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

DATATAB
VERSION
782707

* SVY	TP-00958	*	LANDMARKS FOR CHARTS	* RPT UNIT	CMD. ROCKVILLE,MD.	*	PAGE	3 OF	4	*
* JOB	CM-7601	*		* STATE	MARYLAND	*				*
* PRJ	.	*	TO BE CHARTED	* LOCALITY	CHESAPEAKE BAY	*	*ORIGINATING	ACTIVITY*		*
* DTM	NA 1927	*		* DATE	08/11/82	*	* COMPILATION			*

[illegible][illegible][illegible]

* * *	(H TOWER,1949)	* * *	39	21	42.76	1318.7	NOT	* * *
* * *	TOWER	* * *	76	14	36.76	880.1	CGT2D*	* * *
* * *		* * *					TRIANG	* * *
* * *		* * *						12274

[illegible][illegible]

* * *
TOWER
*
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76 14 04.80
39 22 17.35
535.1
*76CC4139 *
* 03/28/76 *
12274 *
* * *

[illegible]

* *	* SAME AS OBSTRUCTION LIGHT	* 39 26 07.60	* 234.4	* *76CC3854	* *
* *	* TOWER	* 76 14 33.57	* 802.8	* * 03/23/76	* *
					12274 *

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PHOTOGRAMMETRIC BRANCH
PHOTOGRAMMETRY DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
782707

LANDMARKS FOR CHARTS
TO BE CHARTED

* RPT UNIT	CMD, ROCKVILLE,MD.
* STATE	MARYLAND
* LOCALITY	CHESAPEAKE BAY
* DATE	08/11/82

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

[illegible]

	*	39	26	01.06	32.7	*76CC3854	*	*
TOWER	*	76	14	56.56	1352.7 <td>* 03/23/76</td> <td>*</td> <td>12274</td>	* 03/23/76	*	12274

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[illegible]

