T P-00958

T P-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. Class III *Edition No.* 1

LOCALITY

State Maryland

General Locality Northern Chesapeake Bay

Locality Bush River

19 76 TO 19

REGISTRY IN ARCHIVES

DATE

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

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: [X] ORIGINAL [ ] RESURVEY [ ] REVISED

SURVEY TP-00958

MAP EDITION NO. 1

MAP CLASS III

JOB CM PHX 7601

PHOTOGRAMMETRIC OFFICE: Rockville, Md.

OFFICER-IN-CHARGE: W Simmons

LAST PRECEEDING 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	Control Premarking	2 March 1976
Compalition	7 Dec 1978	Supplement #1	28 May 1976
Change #1	22 june 1981		

II. DATUMS

1. HORIZONTAL: [X] 1927 NORTH AMERICAN — OTHER (Specify)

2. VERTICAL: [X] MEAN HIGH-WATER [ ] MEAN LOW-WATER [X] 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 COMPILATION	PLANIMETRY BY	J Schad	Oct 1981
	CHECKED BY	E D Allen	Oct 1981
INSTRUMENT: Wild B-8	CONTOURS BY	None	
SCALE: 1:20,000	CHECKED BY		
4. MANUSCRIPT DELINEATION	PLANIMETRY BY	J Schad	Nov 1981
	CHECKED BY	E D Allen	Dec 1981
	CONTOURS BY	None	
METHOD:	CHECKED BY		
Smooth Drafted	HYDRO SUPPORT DATA BY	None	
SCALE: 1:20,000	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. KORNSTAN	FEB 1985

NOAA FORM 76-36A — SUPERSEDES FORM C&GS 181 SERIES

* U.S. G.P.O. 1972-769382/582 REG.#6

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'

TIDE STAGE REFERENCE
- [ ] PREDICTED TIDES
- [ ] REFERENCE STATION RECORDS
- [X] TIDE CONTROLLED PHOTOGRAPHY

TYPES OF PHOTOGRAPHY LEGEND
(C) COLOR
(P) PANCHROMATIC
(I) INFRARED

TIME REFERENCE
ZONE: Eastern — [X] STANDARD
MERIDIAN: 75th — [ ] DAYLIGHT

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
76CC 3853-55	Mar 23 76	15:12	1:60,000	N/A
76CC 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	EAST	SOUTH	WEST
None	TP-00959	TP-00963, TP-00643	TP-00641

REMARKS

* U.S. G.P.O. 1972-769381/568 REG.#6

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:

NOAA FORM 76-36C
(3-72)

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

TP-00958

HISTORY OF FIELD OPERATIONS

I. [X] FIELD INSPECTION OPERATION [ ] FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		R TIBBETTS	Mar 76
2. HORIZONTAL CONTROL	RECOVERED BY	R Tibbetts	Mar 76
	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 [X] NO INVESTIGATION — BY		
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 [X] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [X] 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

*U.S. GOVERNMENT PRINTING OFFICE: 1974 - 768-078

NOAA FORM 76-36D
(3-72)

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

TP-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 III		
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)*

	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY / MAP CLASS
SECOND EDITION	TP - _____ (2)	PH - _____	☐ REVISED ☐ RESURVEY ☐ 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	

NOAA FORM 76-36D

☆U. S. GOVERNMENT PRINTING OFFICE: 1973--778075/1077 REGION NO. 6

NEW CASTLE
Delaware City
Odessa
Blackbird
SMYRNA
Clayton
DOVER
Wyoming
Felton
KE BAY

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00958

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

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

	POINT	X-ERROR	Y-ERROR
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

	POINT	X-ERROR	Y-ERROR
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

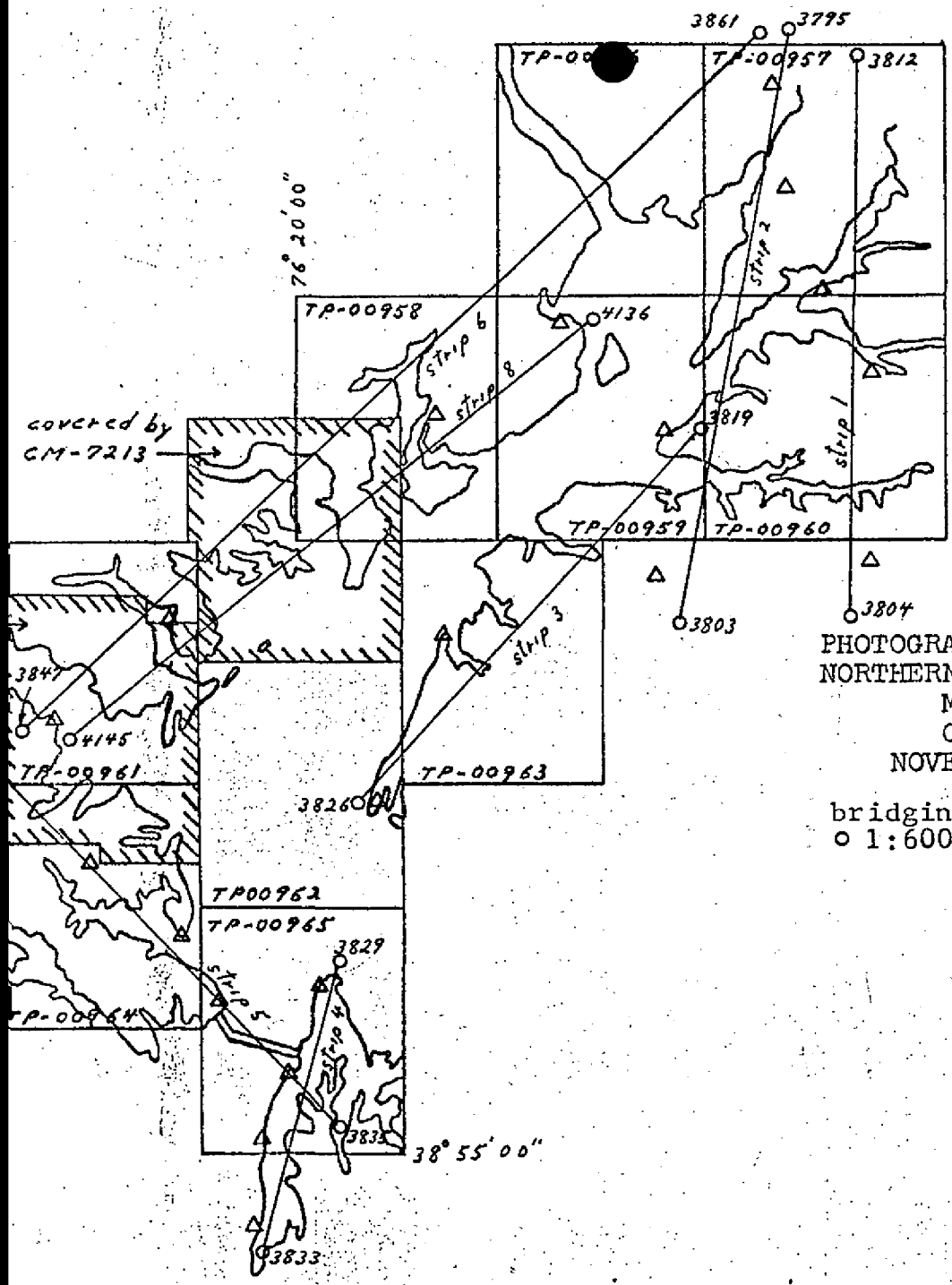
Notes to the Compiler

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 valves 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.

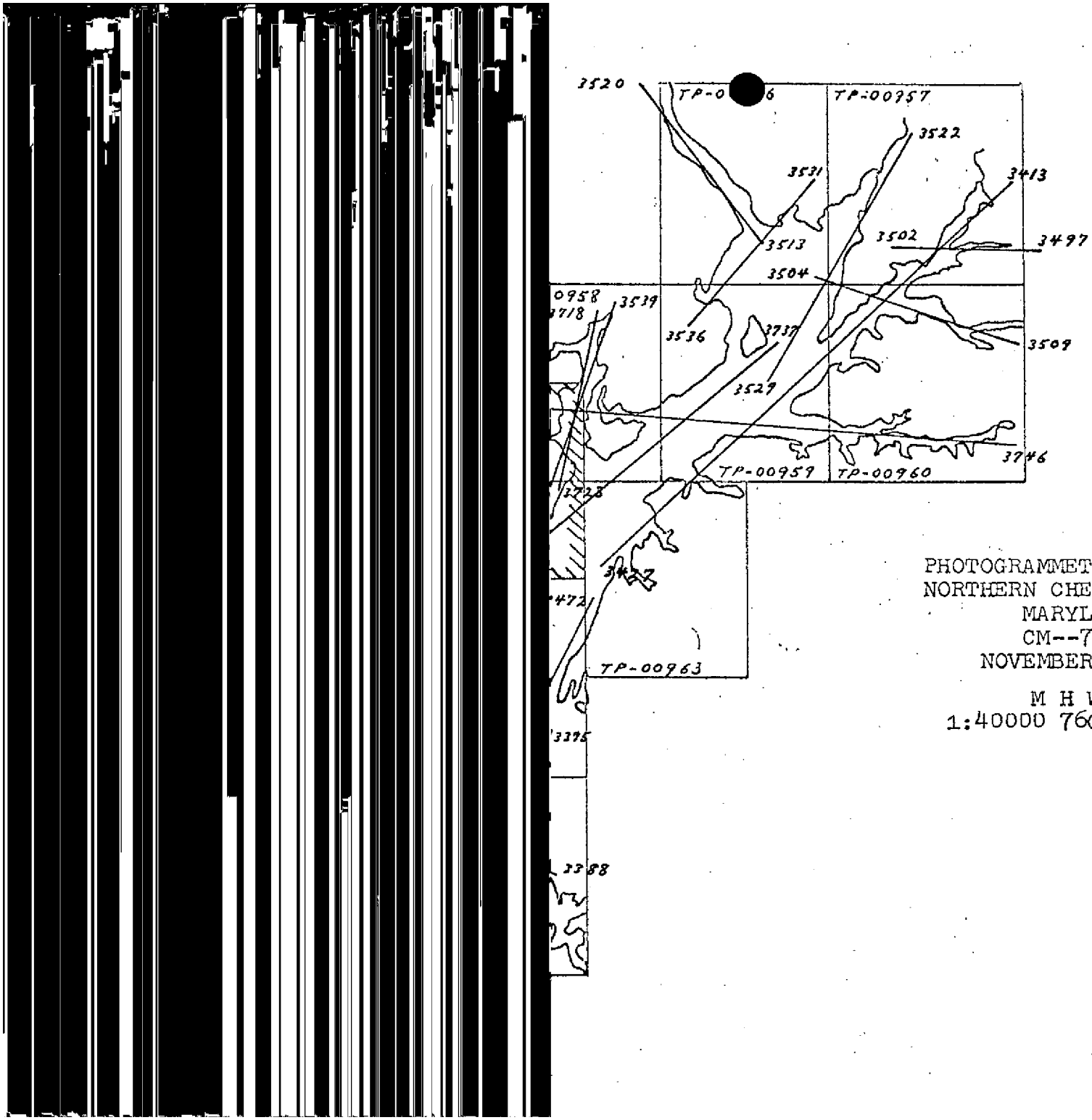
As mentioned in the aerotriangulation report, this camera was experiencing a vacuum malfunction problem during the filming of this project. As a result, during the course of your B-8 work, you may experience local parallax problems.

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



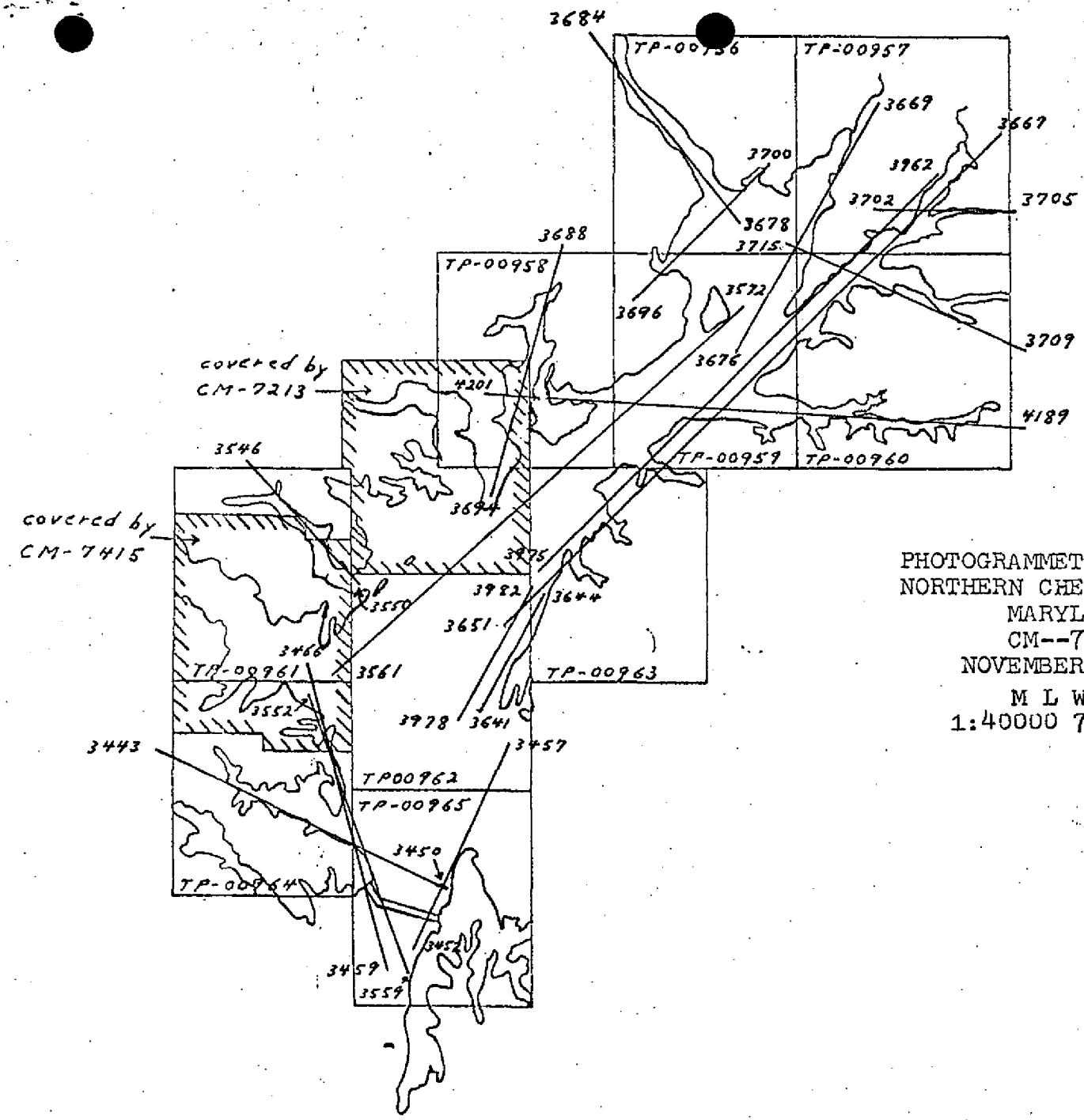
PHOTOGRAMMETRIC SKETCH
NORTHERN CHESAPEAKE BAY
MARYLAND
CM--7601
NOVEMBER, 1977

bridging photography
o 1:60000 76C color



PHOTOGRAMMETRIC SKETCH
NORTHERN CHESAPEAKE BAY
MARYLAND
CM--7601
NOVEMBER, 1977

M H W
1:40000 76C (R)



PHOTOGRAMMETRIC SKETCH
NORTHERN CHESAPEAKE BAY
MARYLAND
CM--7601
NOVEMBER, 1977
M L W
1:40000 76C (R)

NOAA FORM 76-41
(6-75)

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP NO.	JOB NO.	GEODETIC DATUM	ORIGINATING ACTIVITY
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	REMARKS
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 Schad	DATE 11/81	LISTING CHECKED BY F Wright	DATE 2/82
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

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

16

COMPILATION REPORT
TP-00935
58

31. 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 ~~was~~ 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°23'00' 76°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°21'40" 76°14'50" and 39°25'35" 76°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

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, 20 th 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

Abbey Point

Back Creek

Baltimore and Ohio (RR)

Belcamp

Belcamp Beach

Bridge Creek

Bush Creek

Bush Point (1)

Bush Point (2)

Bush River

Bush River (Ppl)

Bynum Run

Chesapeake Bay

Chilbury Point

Church Creek

Church Point

Cod Creek

Conrail (RR)

Delph Creek

Edgewood

Elmtree Point

Flying Point

Gum Point
Lauderick ~~Point~~ Creek

Little Romney Creek (1)

Little Romney Creek (2)

Locust Point

Long Bar Harbor

Monks Creek

Monks Island

Otter Point

Otter Point Creek

Pond ~~Creek~~ Point

Redman Cove

Romney Creek

Sod Run

Taylor Island

Taylor Island Point

Towner Cove

Approved by:

Charles E. Harrington

Charles E. Harrington
Chief Geographer, C3x5

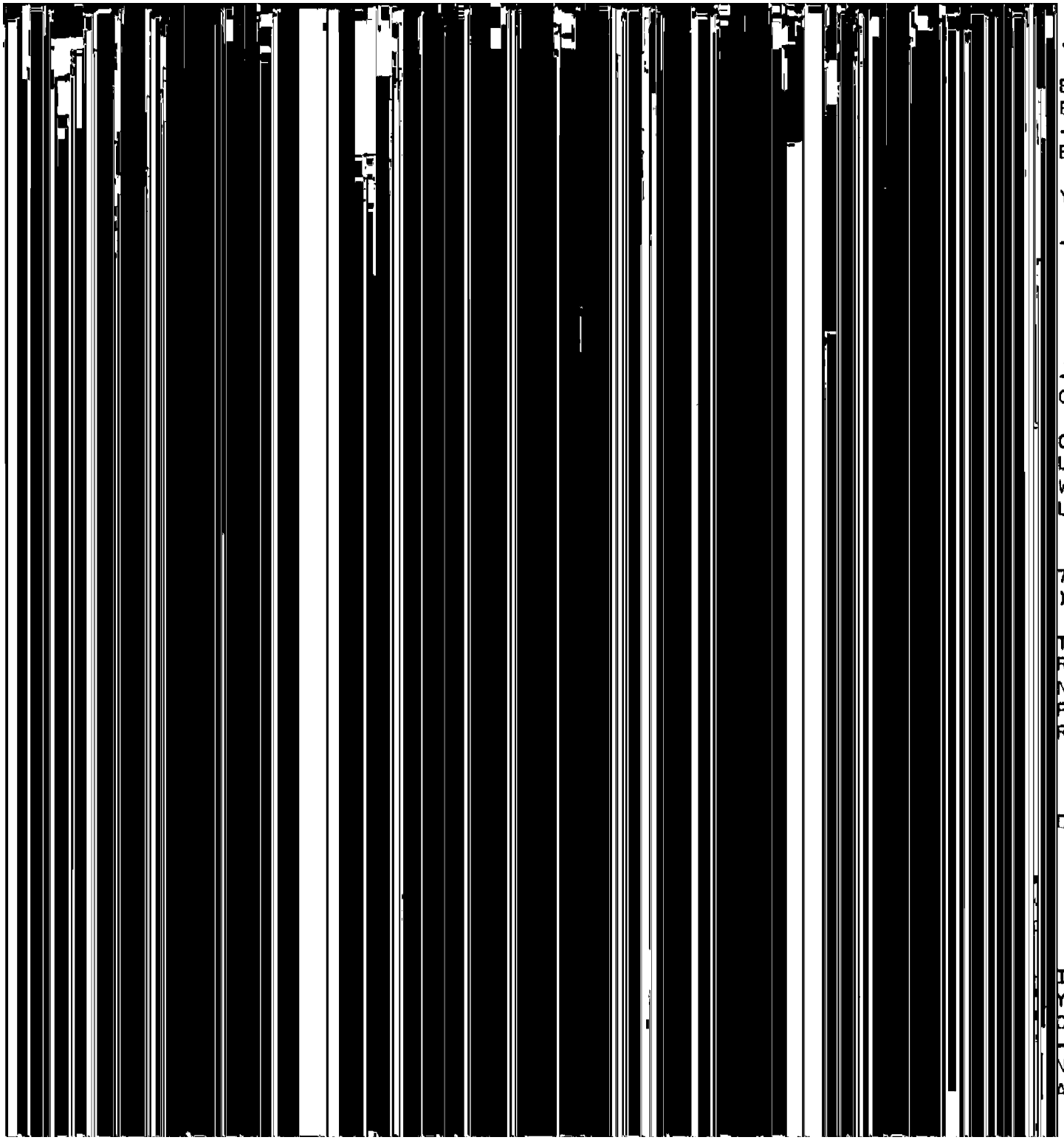
Dissemination of Project Material
CM-7601
Northern Chesapeake Bay

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



DATATAB
VERSION
782707

EY NOAA
ERCE USA

E,MD. * PAGE 1 OF 4 *
*
Y *ORIGINATING ACTIVITY *
* COMPILATION *

* *
* FIELD REPRESENTATIVE *
* OFFICE COMPILER *
* DIGITIZER *
* DATA PROCESSER *

ON *

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LOCATION OR VERIFICATION. *
WORK AND NUNBER OF PHOTO- *
LOCATE AND IDENTIFY THE *

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)2982 *

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D DATE. *

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OTOGRAMMETRIC METHODS. *

NG UNDER WHICH IT IS LISTED, *
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PHOTOGRAMMETRIC BRANCH
PHOTOGRAMMETRY DIVISION

NATIONAL OCEAN SURV
DEPARTMENT OF COMM

NOAA
CE USA

DATATAB
VERSION
782707

NONFLOATING AIDS FOR CHARTS TO BE CHARTED	RPT UNIT CMD. ROCKVILL STATE MARYLAND LOCALITY CHESAPEAKE BA DATE 08/11/82	MD. PAGE 2 OF 4 ORIGINATING ACTIVITY COMPILATION

OBJECTS HAVE NOT BEEN INSPECTED FROM SEAWARD TO DETERMI — THEIR VALUE AS LANDMARKS

DESCRIPTION RD REASON FOR DELETION IANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CMD ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE FIELD	CHARTS AFFECTED
ONLY CHARTED LANDMARKS OR AIDS OFFICE IDENTIFIABLE ON COMPILATION PHOTOGRAPHS ARE SHOWN.					
BUSH RIVER					
OINT LIGHT ER,1945)	39 23 28.09 76 14 41.07	866.3 982.8	NOT DGTZD	RIANG	12274
CTION LIGHT	39 26 07.60 76 14 33.57	234.4 802.8	*7	C3854 3/23/76	12274

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

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

CHARTING NAME	DESCRIPTION RECORD REASON FOR DELETION PUT TRIANGULATION NAMES IN ( )	POSITION LATITUDE LONGITUDE	DM DP	CMD ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
TANK		39 29 07.39 76 12 05.88	227.9 140.5		*76CC3855 03/23/76		12274
TOWER		39 23 57.12 76 14 22.18	1761.5 530.7		*76CC4139 03/28/76		12274
TOWER	(H TOWER,1949)	39 21 42.76 76 14 36.76	1318.7 880.1	NOT DGTZD	TRIANG		12274
TOWER		39 23 03.06 76 14 38.96	94.4 932.4		*76CC4139 03/28/76		12274
TOWER		39 23 10.83 76 13 32.84	334.0 785.9		*76CC4139 03/28/76		12274
TOWER		39 22 17.35 76 14 04.80	535.1 114.9		*76CC4139 03/28/76		12274
TOWER		39 26 14.26 76 14 10.39	439.8 248.5		*76CC3854 03/23/76		12274
TOWER	SAME AS OBSTRUCTION LIGHT	39 26 07.60 76 14 33.57	234.4 802.8		*76CC3854 03/23/76		12274
TANK	(BELCAMP BATA SHOE CO. WATER TANK,1958)	39 28 02.99 76 14 14.66	92.2 350.4	NOT DGTZD	TRIANG		12274
TANK		39 27 15.14 76 15 59.68	466.9 1426.9		*76CC3854 03/23/76		12274

AL OCEAN SURVEY NOAA
MENT OF COMMERCE USA

DATATAB VERSION 782707

CMD, ROCKVILLE,MD.
MARYLAND
CHESAPEAKE BAY
08/11/82

ORIGINATING ACTIVITY
COMPILATION

RD TO DETERMINE THEIR VALUE AS LANDMARKS

N. OM OP	CMD ALTEK DGTZD	METHOD AND DATE OF LOCATION OFFICE	FIELD	CHARTS AFFECTED
32.7 352.7		76CC3854 03/23/76		12274

FORM C&GS-8352
(3-25-63)

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.

CHART	DATE	CARTOGRAPHER	REMARKS
			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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			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975.

USCOMM-DC 8558-P63