T P-00959

T P 00959

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-00959....

Classification No. Class III

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

LOCALITY

State ..Maryland.....

General Locality Northern Chesapeake Bay.....

Locality .....Spesutie Island.....

.....

1976 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-00959

MAP EDITION NO. (1)

MAP CLASS III

JOB CM ~~RK~~-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	21 Oct 1976	Control Premarking	2 March 1976
Compilation	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 METHOD: Analytic	BY	B Thornton	Nov 1977
	LANDMARKS AND AIDS BY		
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat	PLOTTED BY	S Solbeck	Dec 1978
	CHECKED BY		
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: Wild B-8 SCALE: 1:20,000	PLANIMETRY BY	J Schad	Dec 1981
	CHECKED BY	P Dempsey	Dec 1981
	CONTOURS BY	None	
	CHECKED BY		
4. MANUSCRIPT DELINEATION METHOD: Smooth Drafted SCALE: 1:20,000	PLANIMETRY BY	J Schad	Jan 1982
	CHECKED BY	F Wright	Feb 1982
	CONTOURS BY	None	
	CHECKED BY		
	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 76-36A 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-00959

1. COMPILATION PHOTOGRAPHY

CAMERA(S): Wild RC 10 "C"

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

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

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

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
76CC 3818-21	Mar 23 76	14:13	1:60,000	N/A
76CC 4135-37	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
TP-00956	TP-00960	TP-00963	TP-00958

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 - 00959

LOCATION AND PHOTOGRAPHY	TIDE STATIONS *(In operation at time of photography)*	STAGE OF TIDE	MEAN RANGE
76CR 3484-3488	Harve De Grace	-0.03 MHW	
76CR 3528-3529	"	-0.15 MHW	
76CR 3535-3536	"	-0.18 MHW	
76CR 3734-3735	Baltimore, South End	-0.08 MHW	
76CR 3751	"	+0.02 MHW	
76CR 3570-3571	"	-0.10 MLLW	
76CR 3656-3660	Harve De Grace	+0.06 MLLW	
76CR 3675-3676	"	+0.05 MLLW	
76CR 3696-3697	"	+0.15 MLLW	
76CR 4195-4197	Baltimore	-0.29 MLLW	

REMARKS:

NOAA FORM 76-36C
(3-72)

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

TP-00959

HISTORY OF FIELD OPERATIONS

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

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		R Tibbetts	Mar 1976
2. HORIZONTAL CONTROL	RECOVERED BY	R Tibbetts	Mar 1976
	ESTABLISHED BY	N/A	
	PRE-MARKED OR IDENTIFIED BY	L Davis	Mar 1976
3. VERTICAL CONTROL	RECOVERED BY	N/A	
	ESTABLISHED BY	N/A	
	PRE-MARKED OR IDENTIFIED BY	N/A	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (*Triangulation Stations*) BY	R Tibbetts	Mar 1976
	LOCATED (*Field Methods*) BY	N/A	
	IDENTIFIED BY	N/A	
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION [ ] COMPLETE [ ] *SPECIFIC NAMES ONLY* [X] NO INVESTIGATION — BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	N/A	
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	N A	

II. SOURCE DATA

1. HORIZONTAL CONTROL IDENTIFIED

Premarked

PHOTO NUMBER	STATION NAME
76 CC 4136	Aberdeen Proving Grounds Water Tank, 1958 Sub Pt. A
76 CC 3803	Still Pond, 1936 Sub Pt. A
76 CC 3801	(A) (3 point Fix)1976

2. VERTICAL CONTROL IDENTIFIED

PHOTO NUMBER	STATION DESIGNATION

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 [ ] NONE

6. BOUNDARY AND LIMITS: [ ] REPORT [ ] NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (*Sketch books, etc.* **DO NOT** *list data submitted to the Geodesy Division*)

3-Forms 76-53 2-Forms 76-67
1 Form 266 2-Forms 269C

* U.S. G.P.O. 1972-769381/567 REG.#6

NOAA FORM 76-36D
(3-72)

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

TP-00959

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

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

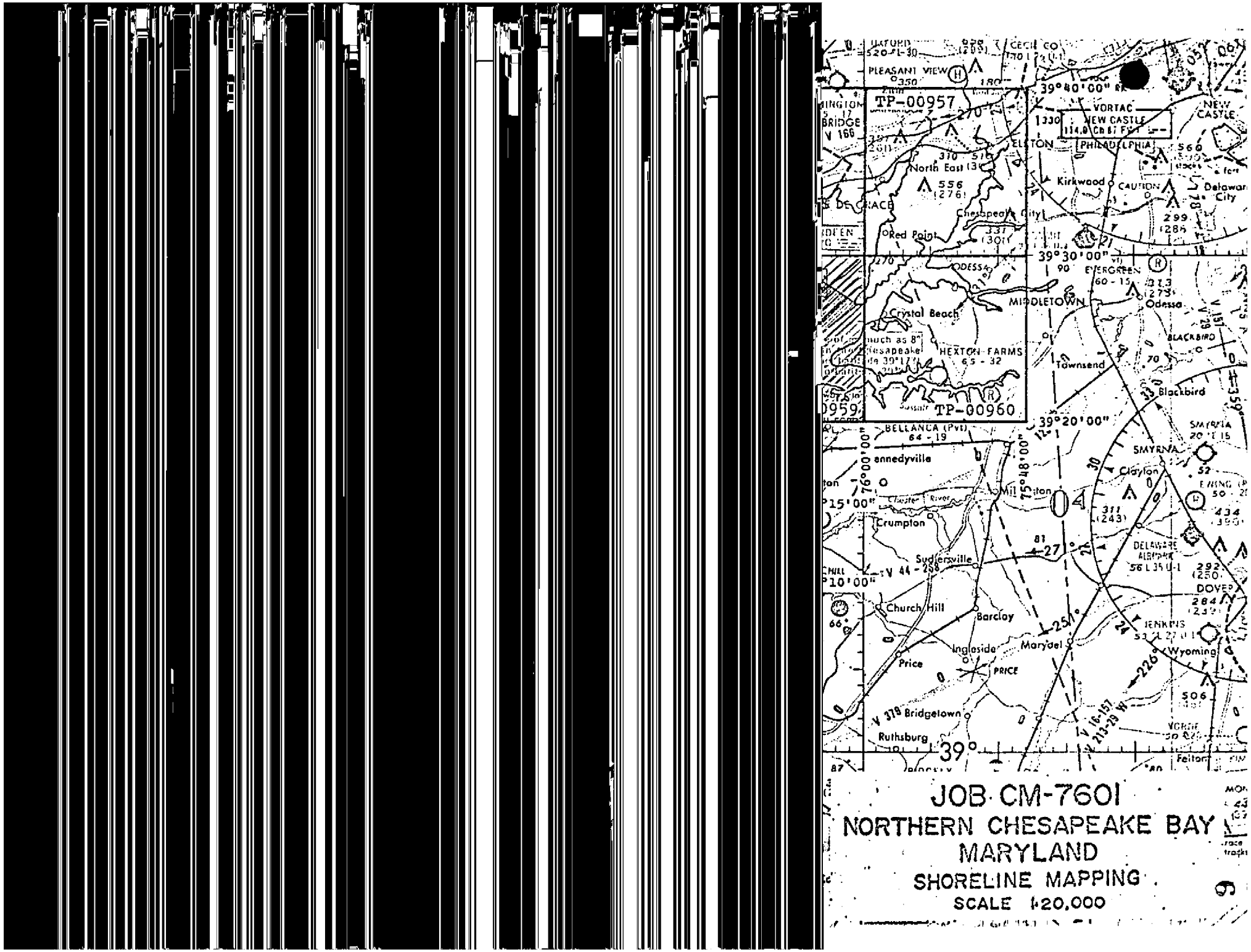
4. ☐ DATA TO FEDERAL RECORDS CENTER. DATE FORWARDED: _____

IV. SURVEY EDITIONS *(This section shall be completed each time a new map edition is registered)*

	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
SECOND EDITION	TP - _____ (2)	PH - _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐II. ☐III. ☐IV. ☐V. ☐FINAL
THIRD EDITION	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
	TP - _____ (3)	PH- _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐II. ☐III. ☐IV. ☐V. ☐FINAL
FOURTH EDITION	SURVEY NUMBER	JOB NUMBER	TYPE OF SURVEY
	TP - _____ (4)	PH - _____	☐ REVISED ☐ RESURVEY
	DATE OF PHOTOGRAPHY	DATE OF FIELD EDIT	MAP CLASS ☐II. ☐III. ☐IV. ☐V. ☐FINAL

NOAA FORM 76-36D

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


TP-00957
TP-00960
PLEASANT VIEW
North East (3)
Red Point
Crystal Beach
HEXTON FARMS
6.5 - 32
Chesapeake City
ODESSA
MIDDLETOWN
Townsend
Odessa
Blackbird
Kirkwood
VORTAC
NEW CASTLE
ELKTON
PHILADELPHIA
Delaware City
EVERGREEN
SMYRNA
Clayton
Crumpton
Sudlersville
Church Hill
Barclay
Ingleside
Price
Marydel
Wyoming
Bridgetown
Ruthsburg
Felton
DOVER
JENKINS
39°40'00"
39°30'00"
39°20'00"
39°
76°00'00"
75°48'00"
JOB CM-7601
NORTHERN CHESAPEAKE BAY
MARYLAND
SHORELINE MAPPING
SCALE 1:20,000

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00959

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.

[redacted]

FIELD INSPECTION

TP-00959

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.

8a

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

	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

8c

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

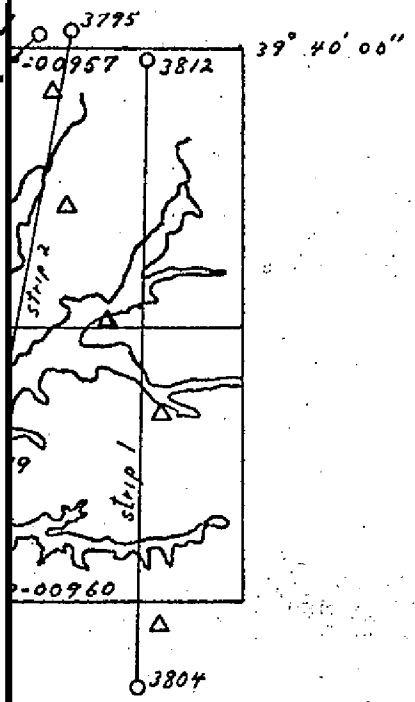
Notes to the Compiler

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.

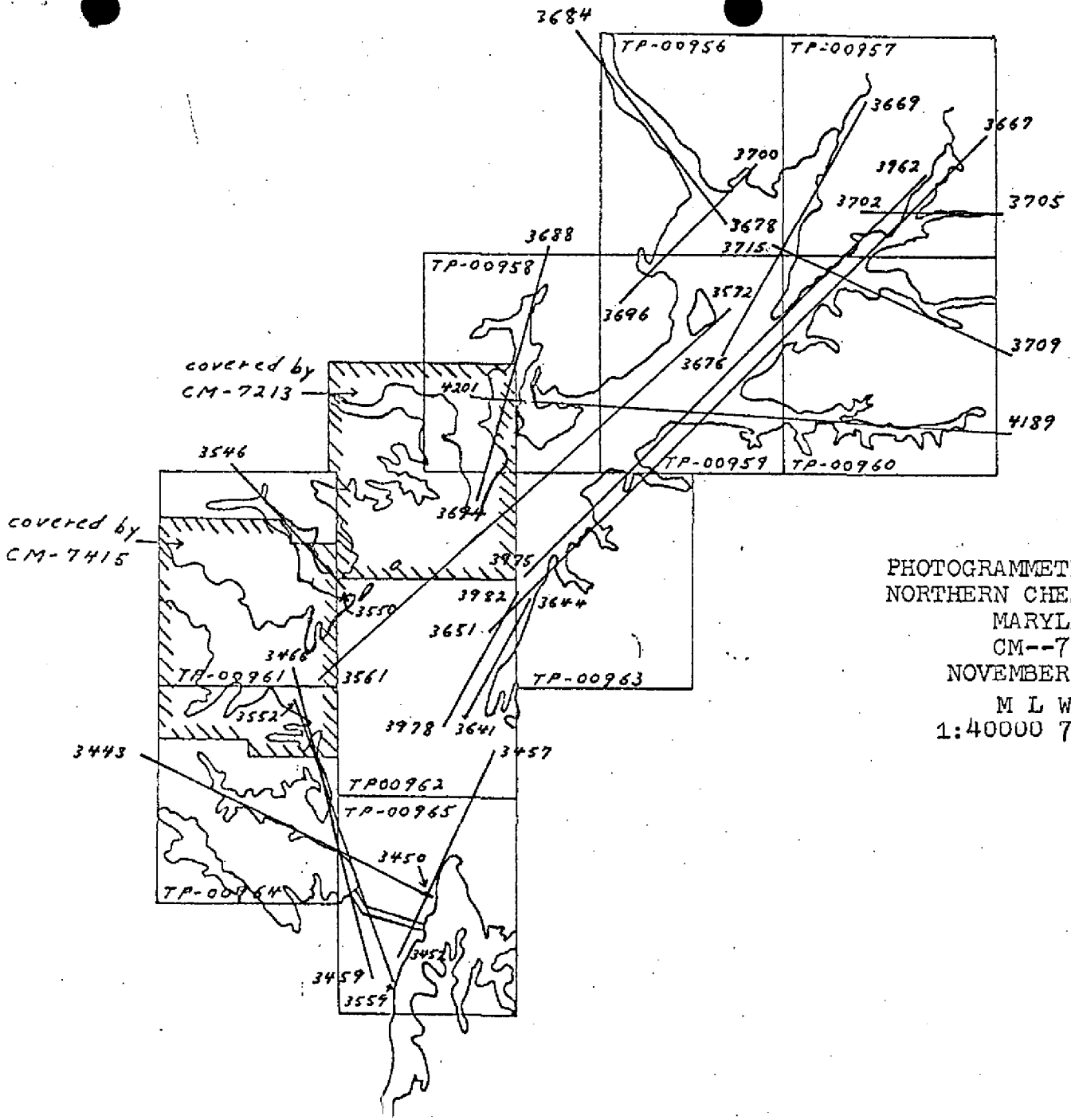
As mentioned in the aerotriangulation report, this camera was experiencing a vacuum malfunction problem during the filming of this project. As a result, during the course of your B-8 work, you may experience local parallax problems.

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

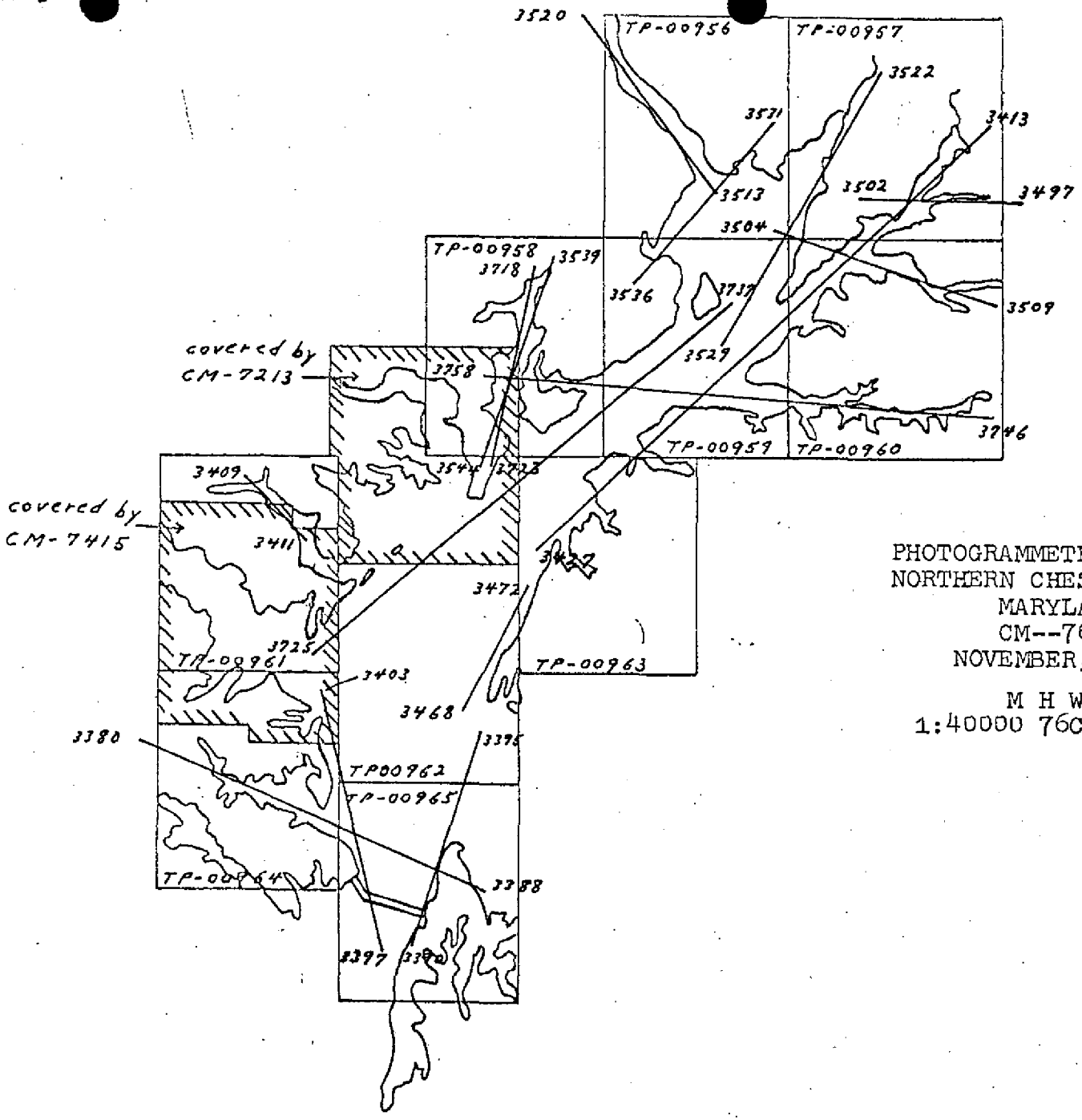


PHOTOGRAMMETRIC SKETCH
NORTHERN CHESAPEAKE BAY
MARYLAND
CM--7601
NOVEMBER, 1977

bridging photography
o 1:60000 76C color



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



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

M H 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-00959	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
Meeks Point Tower No. 6, 1918	GP Vol 1 P 507		x=	φ 39°21'04.898"	
			y=	λ 76°08'00.021"	
Grove Neck Channel South Front Range Light, 1939	" P 635		x=	φ 39°22'12.144"	
			y=	λ 76°04'59.504"	
Turkey Point Lighthouse,1844	GP Vol 2 P549	800110	x=	φ 39°26'59.174"	
			y=	λ 76°00'31.523"	
Grove Neck Channel South Rear Range Light,1939	" P 635		x=	φ 39°20'49.438"	
			y=	λ 76°06'36.185"	
Aberdeen Proving Grounds Parachute Tr.W.Light,1962	" P558		x=	φ 39°26'51.534"	
			y=	λ 76°06'42.095"	
Pier 2, 1962	" P 554		x=	φ 39°26'54.704"	
			y=	λ 76°05'25.236"	
Pier 1, 1962	" P 553		x=	φ 39°28'18.633"	
			y=	λ 76°04'14.810"	
Aberdeen Proving Grounds South Water Tank,1962	" P 558		x=	φ 39°28'39.831"	
			y=	λ 76°06'42.339"	
Aberdeen Proving Grounds Water Tank,1958	" P 351	856100	x=	φ 39°29'01.932"	
			y=	λ 76°07'51.991"	
Swan Meadow Water Tank, 1945	" P 560	856110	x=	φ 39°29'58.165"	
			y=	λ 76°09'37.836"	

COMPUTED BY	DATE	COMPUTATION CHECKED BY	DATE
LISTED BY J Schad	DATE 1/82	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.

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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_00959	CM-7601	NA 1927	Rockville,Md.

STATION NAME	SOURCE OF INFORMATION (Index)	AEROTRIANGULATION POINT NUMBER	COORDINATES IN FEET STATE ___ ZONE ___	GEOGRAPHIC POSITION φ LATITUDE λ LONGITUDE	REMARKS
Fishing Battery Lighthouse, 1933	GP VOL 2 P 556	135110	x=	φ 39°29'46.156"	
			y=	λ 76°05'01.408"	
Howell Point Lighthouse, 1938	" P 635		x=	φ 39°22'16.859"	
			y=	λ 76°06'40.878"	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			x=	φ	
			y=	λ	
			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 1/82	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.

17

Compilation Report
TP-00959

31. Delineation

The planimetry was compiled using the Wild B-8 stereoplotter. The mean high-water and the mean lower low-water lines were graphically compiled from infrared, ratio, tide controlled photographs. The planimetry was used as control in the compilation of the shoreline.

The infrared photography was not adequate to delineate the MLLW line in Back Creek and Spesutic Island.

32. Control

Refer to the Photogrammetric Plot Report dated November 16, 1977.

33. Supplemental Data - None

34. Contours and Drainage

Contours are not applicable. Drainage was delineated using the Wild B-8 stereoplotter.

35. Shoreline and Alongshore Details

The shoreline was classified and alongshore details identified by office interpretation of the color photographs. There was no field inspection prior to map compilation.

36. Offshore Details

Ruins were located offshore from Betterton $39^{o}22.3'$ - $76^{o}02.8'$.

37. Landmarks and Aids

Refer to NOAA Form 76-40. Grove Point lights(2) were rebuilt after the 1976 photography.

38. Control for Future Surveys - None

39. Junctions

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

40. thru 45. Not Applicable

46. Comparison with Existing Maps

Hanesville, Md., 1:24,000 scale, 1948
Betterton, Md., 1:24,000 scale, 1948
Spesutie, Md., 1:24,000, 1948, revised 1970

47. Comparison with Existing Charts

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

Submitted by,

James Schad

Approved and Forwarded:

Frank Wright
Chief, Coastal Mapping Section

Review Report TP-00959
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-00959

Back Creek
Bear Point
Betterton
Black Point
Brier Point
Buzzards Glory
Cedar Point
Cherry Tree Point
Chesapeake Bay
Codjus Cove
Delph Creek
Dipper Creek
Elk Neck
Elk River
Fishing Battery
Grove Neck
Grove Point
High Point
Howell Point
Johnson Point
Little Mosquito Creek
Little Romney Creek (1)
Little Romney Creek (2)
Lloyd Creek
Locust Point
Meeks Point
Mosquito Creek
Mulberry Point
Old Woman Gut
Plum Point
Pond Creek
Pond Neck
Rocky Point
Sands Cove
Sandy Point
Sassafras River
Spesutie Island
Spesutie Narrows
Still Pond
Stillpond Creek
Stillpond Neck
Stony Point
Swan Creek
Swan Creek Point
Turkey Point
Woodrest 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

SVY TP-00959	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 P OCESSER

KEY FOR ENTRIES UNDER 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

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

*FIELD POSITIONS ARE DETERMINED BY FIELD OBSERVATIONS BASED ENTIRELY UPON GROUND SURVEY METHODS

FIELD(CONT,D)

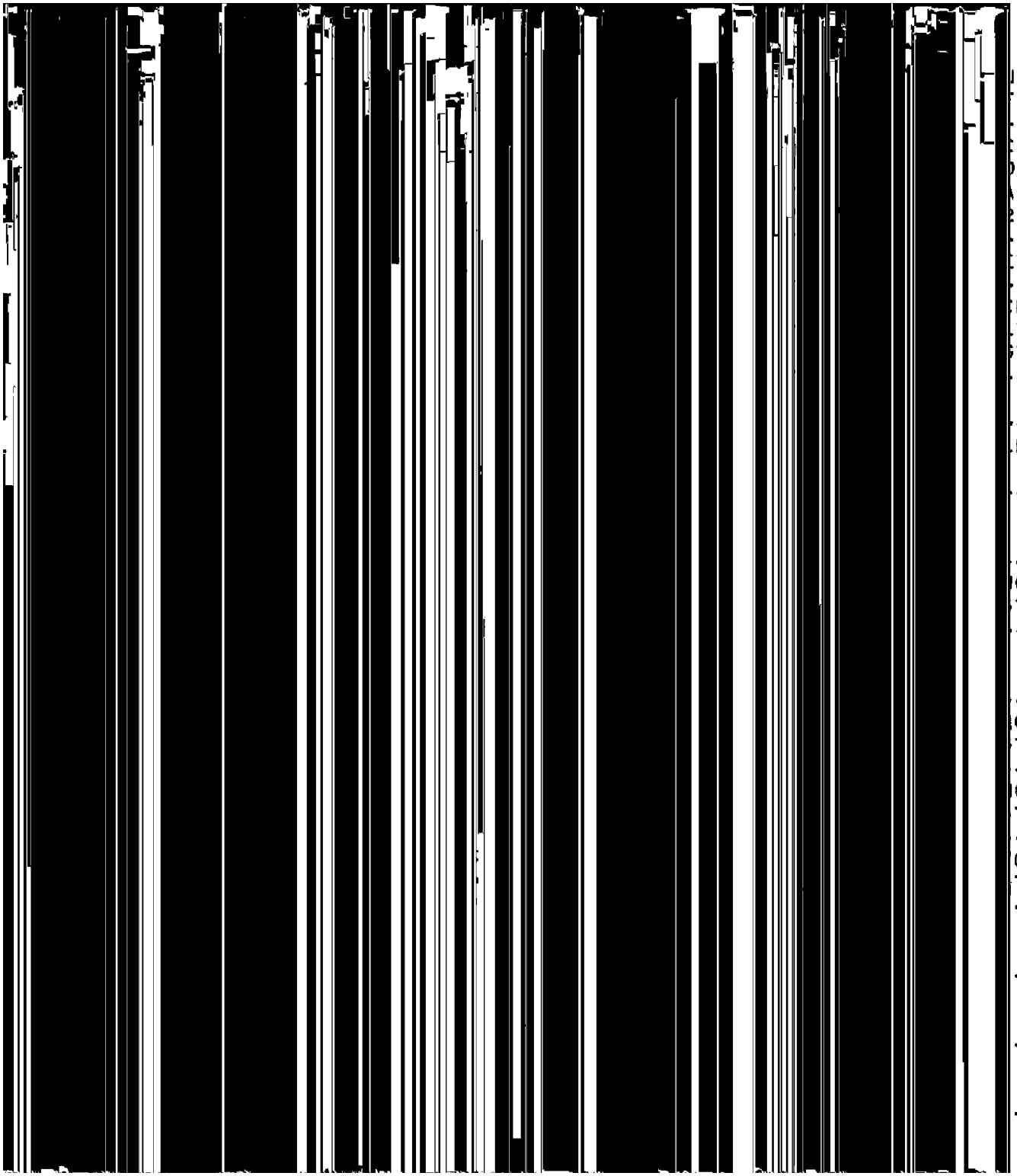
B.PHOTOGRAMMETRIC FIELD POSITIONS** SHOW THE METHOD OF LOCATION OR VERIFICATION, DATE OF FIELD WORK AND NUNBER OF PHOTOGRAPH USED TO LOCATE AND IDENTIFY THE OBJECT.
EXAMPLE P-8-V
8-12-77
74L(C)2982

2.TRIANGULATION STATION RECOVERED
WHEN A LANDMARK OR AID WHICH IS ALSO A TRIANGULATION 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

**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.



SURVEY NOAA
COMMERCE USA

DATATAB
VERSION
782707

KVILLE,MD. PAGE 2 OF 4

KE BAY ORIGINATING ACTIVITY
COMPILATION

TERMINE THEIR VALUE AS LANDMARKS

MD TEK TZD	METHOD AND DATE OF LOCATION OFFICE	 FIELD	CHARTS AFFECTED
E ON			
OT TZD	TRIANG		12274
OT TZD	TRIANG		12274
OT TZD	TRIANG		12274
OT TZD	TRIANG		12274
	76CC4137 03/28/76		12274

6-40 PHOTOGRAMMETRIC BRANCH NATIONAL OCEAN SURVEY NOAA DATATAB
7 STING PHOTOGRAMMETRY DIVISION DEPARTMENT OF COMMERCE USA VERSION
LI 782707

VY TP-00959		RPT UNIT CMD, ROCKVILLE,MD.		PAGE 3 OF 4	
OB CM-7601	NONFLOATING AIDS FOR CHARTS	STATE MARYLAND			
RJ .	TO BE CHARTED	LOCALITY CHESAPEAKE BAY		ORIGINATING ACTIVITY	
TM 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
	SPESUTIE NARROWS						
	ABERDEEN PROVING GROUND CHAN						
	INNER RANGE REAR LIGHT	39 26 53.40	1646.8	76CC4137			
LIGHT		76 06 02.90	69.3	03/28/76			12274
	MULBERRY POINT LIGHT	39 26 46.25	1426.3	76CC4137			
LIGHT		76 06 11.80	282.2	03/28/76			12274
	SUSQUEHANNA RIVER						
	FISHING BATTERY LIGHT (FISHING	39 29 40.16	1238.5 NOT	TRIANG			
LIGHT	BATTERY LIGHTHOUSE,1933)	76 05 01.41	33.7 DGTZD				12274

76-40 LISTING

PHOTOGRAMMETRIC BRANCH
PHOTOGRAMMETRY DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB VERSION 782707

SVY TP-00959		RPT UNIT CMD, ROCKVILLE,MD.	PAGE 4 OF 4
JOB CM-7601	LANDMARKS FOR CHARTS	STATE MARYLAND	
PRJ .	TO BE CHARTED	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	(ABERDEEN PROVING GROUNDS WATER TANK,1958)	39 29 01.95 76 07 51.99	60.1 1242.5	NOT DGTZD	TRIANG		12274
TOWER	(ABERDEEN PROVING GROUNDS SOUTH WATER TANK,1962)	39 28 39.83 76 06 42.34	1228.3 1012.0	NOT DGTZD	TRIANG		12274
TANK	(SWAN MEADOW WATER TANK,1945)	39 29 58.16 76 09 37.84	1793.6 904.1	NOT DGTZD	TRIANG		12274
RADIO TOWER		39 28 24.14 76 04 31.39	744.5 750.3	*76CC4136 * 03/28/76			12274
TOWER		39 27 01.70 76 03 54.36	52.4 1299.8	*76CC4137 * 03/28/76			12274
TOWER		39 26 45.09 76 04 36.93	1390.5 883.1	*76CC4137 * 03/28/76			12274
TOWER		39 26 52.04 76 05 25.57	1604.9 611.4	*76CC4137 * 03/28/76			12274
TOWER		39 20 06.44 76 09 24.47	198.6 586.0	*76CC8321 * 03/23/76			12274
TOWER		39 22 13.44 76 06 27.80	414.5 665.5	*76CC8321 * 03/23/76			12274
TANK		39 21 59.08 76 03 42.67	1822.0 1021.5	*76CC8321 * 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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