TP-00962

TP-00962

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-00962

Classification No. Class III *Edition No.* 1

LOCALITY

State Maryland

General Locality Northern Chesapeake Bay

Locality Swan Point

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- 00962
MAP EDITION NO. 1
MAP CLASS 111
JOB CM ~~PH~~- 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 Mar 1976
Compilation	12 dec 1976	Supplement #1	28 May 1976
Ammendment #1	23 Jun 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	None	
2. CONTROL AND BRIDGE POINTS METHOD: Coradomat	PLOTTED BY	S Solbeck	Dec 1978
	CHECKED BY		
3. STEREOSCOPIC INSTRUMENT COMPILATION INSTRUMENT: B-8 SCALE: 1:20,000	PLANIMETRY BY	J Taylor	Aug 1981
	CHECKED BY	F Wright	Aug 1981
	CONTOURS BY	N/A	
	CHECKED BY		
4. MANUSCRIPT DELINEATION METHOD: Smooth Drafted SCALE: 1:20,000	PLANIMETRY BY	J Taylor	Aug 1981
	CHECKED BY	F Wright	Sep 1981
	CONTOURS BY	N/A	
	CHECKED BY		
	HYDRO SUPPORT DATA BY	N/A	
	CHECKED BY		
5. OFFICE INSPECTION PRIOR TO FIELD EDIT	BY	F Wright	Mar 1982
6. APPLICATION OF FIELD EDIT DATA	BY	N/A	
	CHECKED BY		
7. COMPILATION SECTION REVIEW	BY	F Wright	Mar 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-00962

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
- R(I) INFRARED

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

NUMBER AND TYPE	DATE	TIME	SCALE	STAGE OF TIDE
76CC-4142-44	Mar 28 76	12:08	1:60,000	N/A
76CC-3825-26	Mar 23 76	14:18	1:60,000	N/A
76CR-3727-28	Mar 23 76	11:50	1:40,000	-0.10 MHW
76CR-3430-32	Mar 20 76	11:07	1:40,000	-0.20 MHW
76CR-3563-64	Mar 20 76	15:28	1:40,000	-0.10 MLLW
76CR-3979-80	Mar 26 76	10:07	1:40,000	-0.20 MLLW

REMARKS

Stage of tide based on Baltimore tide guage.

2. SOURCE OF MEAN HIGH-WATER LINE:

The MHW infrared photographs listed above.

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

The MLLW infrared photographs listed above.

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-00642	TP-00963	TP-00965	TP-00961

REMARKS

NOAA FORM 76-36C
(3-72)

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

TP-00962

HISTORY OF FIELD OPERATIONS

I. [X] 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	R Tibbetts	Feb 76
	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 3826	Swan Point Tower No.14,1918 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)*

2-Forms 76-53
2-Forms 76-67

NOAA FORM 76-36C
(3-72)

*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-00962

RECORD OF SURVEY USE

I. MANUSCRIPT COPIES

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

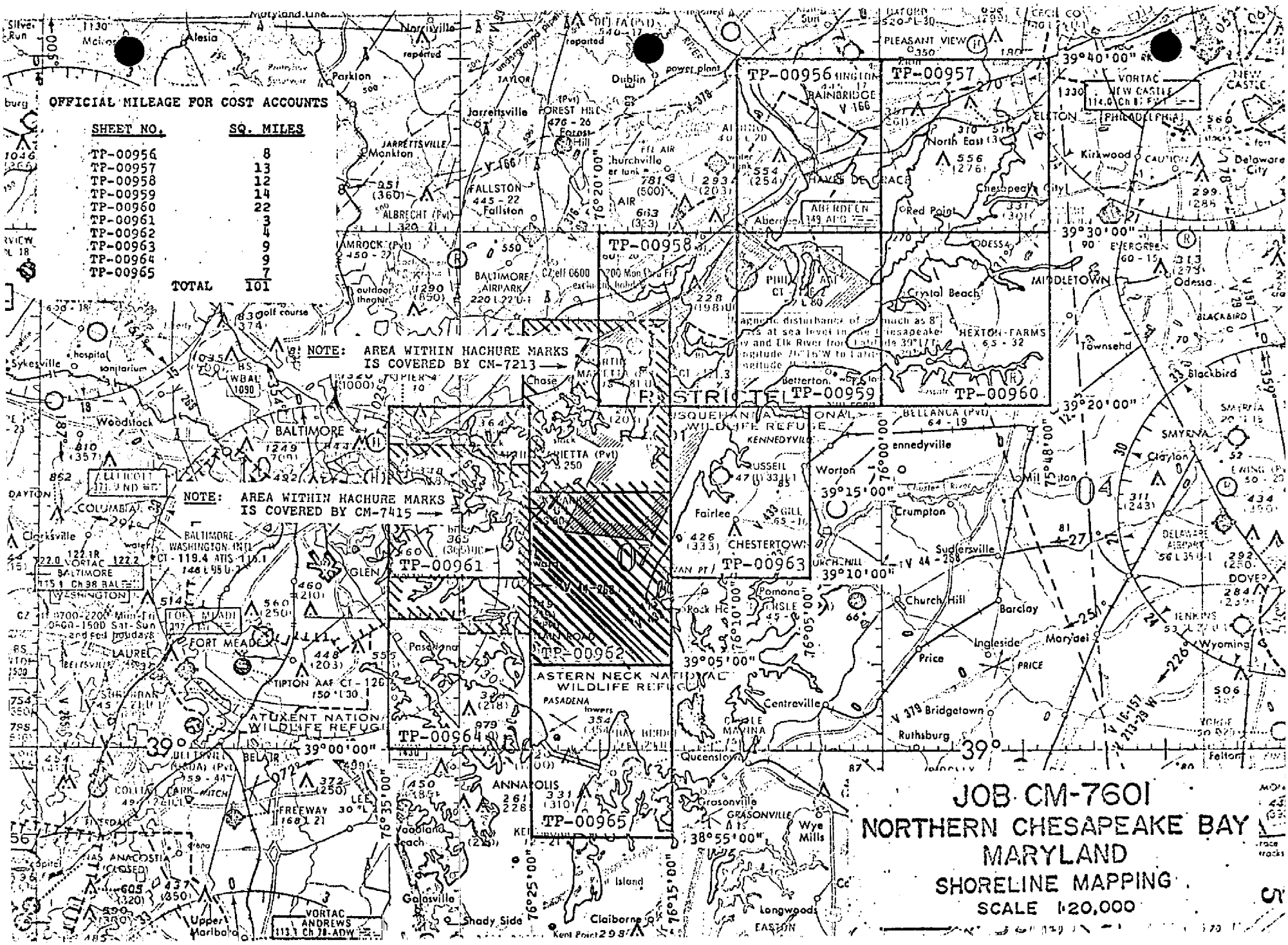
III. FEDERAL RECORDS CENTER DATA

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 DATE OF PHOTOGRAPHY: DATE OF FIELD EDIT: MAP CLASS: ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
THIRD EDITION	TP - _____ (3)	PH- _____	☐ REVISED ☐ RESURVEY DATE OF PHOTOGRAPHY: DATE OF FIELD EDIT: MAP CLASS: ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL
FOURTH EDITION	TP - _____ (4)	PH - _____	☐ REVISED ☐ RESURVEY DATE OF PHOTOGRAPHY: DATE OF FIELD EDIT: MAP CLASS: ☐ II. ☐ III. ☐ IV. ☐ V. ☐ FINAL

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


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
TP-00956
TP-00957
TP-00958
TP-00959
TP-00960
TP-00961
TP-00962
TP-00963
TP-00964
TP-00965
JOB CM-7601
NORTHERN CHESAPEAKE BAY
MARYLAND
SHORELINE MAPPING
SCALE 1:20,000

SUMMARY TO ACCOMPANY
DESCRIPTIVE REPORT

TP-00962

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-00962

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

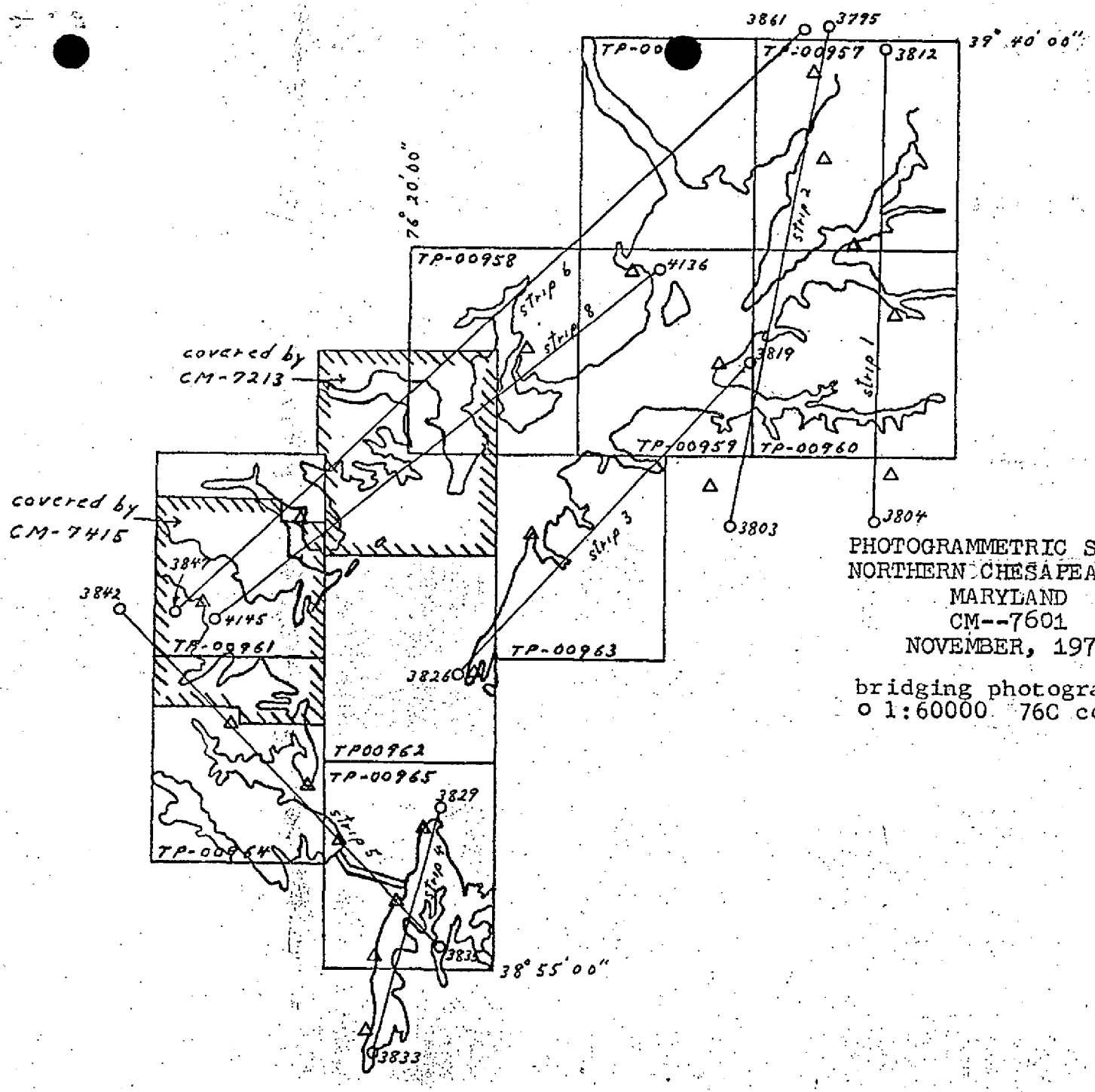
Notes to the Compiler

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.

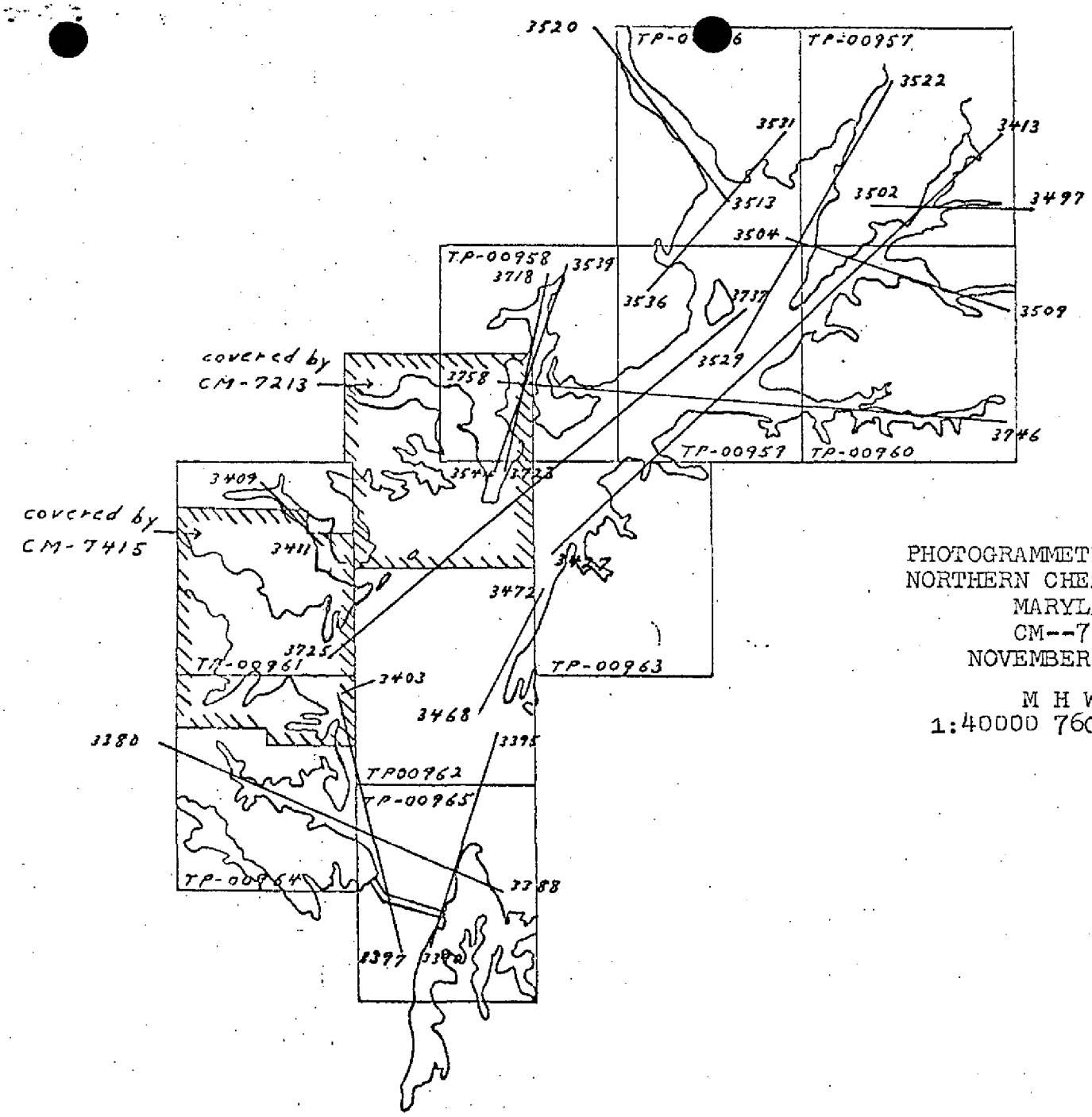
As mentioned in the aerotriangulation report, this camera was experiencing a vacuum malfunction problem during the filming of this project. As a result, during the course of your B-8 work, you may experience local parallax problems.

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



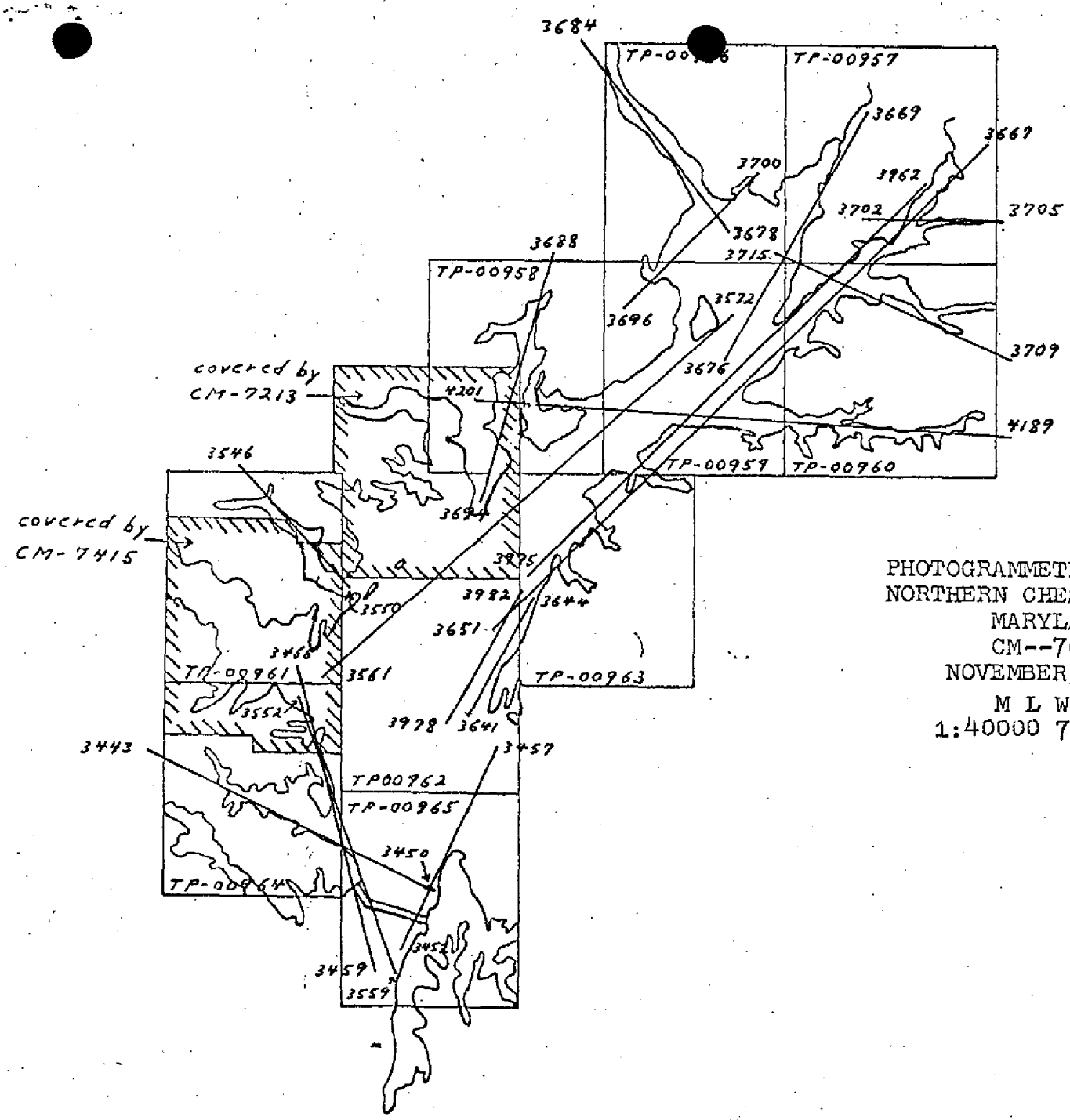
PHOTOGRAMMETRIC SKETCH
NORTHERN CHESAPEAKE BAY
MARYLAND
CM--7601
NOVEMBER, 1977

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-00962	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
Swan Point Tower No. 14 1918	PC 20	826100	x= 1,005,523.9 y= 479,949.38	φ λ	
Craighill Channel Light 13C,1964	Vol L P 396	124	x= 971,137.97 y= 467,596.96	φ λ	Destroyed: Light is now a buoy.
Sevenfoot Knoll Lighthouse, 1866	PC 115 402-29	140	x= 967,514.35 y= 481,974.99	φ λ	Beyond Photo Limits
Craighill Channel Front Range Light,1896	PC 115 626-5	144	x= 971,562.67 y= 494,099.02	φ λ	Beyond Photo Limits
Craighill Channel Rear Range Light,1896	PC 115 626-5	149	x= 971,460.25 y= 508,820.44	φ λ	
Steel Tower No.13, 1918	PC 49 400-11	19	x= 1,008,099.23 y= 491,534.30	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	
			x= y=	φ λ	

COMPUTED BY	DATE	COMPUTATION CHECKED BY	DATE
LISTED BY J Taylor	DATE 9/81	LISTING CHECKED BY F Wright	DATE 11/81
HAND PLOTTING BY	DATE	HAND PLOTTING CHECKED BY	DATE

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

Compilation Report

TP-00962

31. Delineation

Delineation was by both graphic and stereoscopic methods. All detail except the mean high water line and mean lower low water line was compiled using the NOSAP analytical plotter. The mean high water line and the mean lower low water line were compiled graphically from ratioed infrared photographs holding to common detail.

32. Horizontal Control

Refer to the Photogrammetric Plot Report, dated 11/16/77.

33. Supplemental Data - None

34. Contours and Drainage

Contours are not applicable. Drainage was by office interpretation.

35. Shoreline and Alongshore Detail

The shoreline was classified as apparent, manmade or mean high water line by office interpretation of the color aerial photograph. Numerous small piers were omitted due to congestion in some areas.

There was no field inspection prior to compilation.

36. Offshore Detail

A submerged pile is shown on Chart 12278 where station Craighill Channel Lt. 136, 1964 is plotted. This light no longer exists and this pile may be part of its structure.

Little Neck Island no longer has any land above mean high water. All that is left is a shoal with two portions bare at mean lower low water.

37. Landmarks and Aids

There are six currently charted fixed aids to navigation shown. Five are triangulation stations and one was located during compilation. Three of the five triangulation stations were verified during aerotriangulation and two were outside the limits of the photographs. Refer to NOAA Form 76-40.

None of the currently charted landmarks could be verified. Refer to NOAA Form 76-40.

38. Control for Future Surveys - None

39. Junctions

A junction was made with TP-00642 to the north, TP-00963 to the east and TP-00962 to the west.

40. thru 45. Inapplicable

46. Comparison with Existing Maps

Sparrows Point, Md., 1969, scale 1:24,000, photo revised 1974

Swan Point, Md., 1969, scale 1:04,000.

47. Comparison with Nautical Charts

Chart 12278, 53rd Edition, June 13, 1981.

Submitted by,

James H. Taylor

James H. Taylor

Approved and Forwarded:

Frank Wright

Frank Wright
Chief, Coastal Mapping Section

Review Report TP-00962
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 12278, 53 th Edition, June 13, 1981, Scale 1:40,000.

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-00962

Back River

Back River Neck

Cedar Point

Chesapeake Bay

Claybank Point

Cuckold Point

Deep Landing

Drum Point

Gratitude

Hart Island

Hawk Cove

Patapsco River Neck

Ramona Beach (Ppl)

Rock Hall

Rocky Point

Swan Creek

Swan Point

Swan Point (Ppl)

Tavern Creek

The Haven

Windmill Point

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-00962	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

POSITIONS DETERMINED AND/OR VERIFIED BY FIELD AND OFFICE ACTIVITIES		FIELD REPRESENTATIVE
	JAMES H. TAYLOR	OFFICE COMPILER
	JEFF C. MOLER	DIGITIZER
	JEFF C. MOLER	DATA PROCESSER

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.

SVY TP-00962	NONFLOATING AIDS FOR CHARTS TO BE CHARTED	RPT UNIT CMD, ROCKVILLE,MD.	PAGE 2 OF 3
JOB CM-7601		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
	ONLY CHARTED LANDMARKS OR AIDS OFFICE IDENTIFIABLE ON COMPILATION PHOTOGRAPHS ARE SHOWN.						
	BALTIMORE HARBOR CRAIGHILL CHANNEL						
-RANGE R LT	(CRAIGHILL CHANNEL RANGE REAR LIGHT,1896)	39 13 44.13 76 23 41.08	1360.9 985.3	NOT DGTZD	TRIANG		12278
	BREWERTON CHANNEL EASTERN EXTENSION						
-RANGE F LT		39 07 43.57 76 16 19.17	1343.6 460.5		76CC3826 03/23/76		12272 12278
	UPPER CHESAPEAKE CHANNEL						
TOWER LT A	SWAN POINT TOWER LIGHT A (SWAN POINT TOWER NO.14,1918)	39 08 56.32 76 16 31.12	1736.8 747.3	NOT DGTZD	TRIANG		12272 12278
TOWER LT B	(STEEL TOWER NO.13,1918)	39 10 50.62 76 15 57.25	1561.0 1374.1	NOT DGTZD	TRIANG		12272 12278

76-40
LISTING

PHOTOGRAMMETRIC BRANCH
PHOTOGRAMMETRY DIVISION

NATIONAL OCEAN SURVEY NOAA
DEPARTMENT OF COMMERCE USA

DATATAB
VERSION
782707

SVY TP-00962	LANDMARKS FOR CHARTS TO BE CHARTED	RPT UNIT CMD. ROCKVILLE,MD.	PAGE 3 OF 3
JOB CM-7601		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
SILO		39 10 59.81	1844.4	76CC3826	03/23/76		12272
		76 15 08.70	208.8				12278

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
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