10906 10907

10906 • 10907

Diag. Cht. No. 77-6.

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Ph-5901 *Office No.* T-10906 & T-10907

LOCALITY

State Maryland

General locality Potomac River

Locality Riverside and Blossom Point

1958 - 1959

CHIEF OF PARTY

G. F. Wirth, Photo Party 723
W. E. Randall, Baltimore District Officer

LIBRARY & ARCHIVES

DATE ~~1962~~ SEP 26 1963

USCOMM-DC 5087

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation completed	5/10/61	Superseded
Shoreline details revised from July 1961 photographs (Potomac River only)	3/21/62	Superseded
Shoreline of Nanjemoy Creek revised to limits of July 1961 photo coverage.	3/28/62	Supersedes all previous copies.

REPRODUCTION 100

T- 10907

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation Completed	5/15/61	Superseded
Shoreline details revised from July and August 1961 photographs.	3/13/62	Supersedes all previous copies.

FORM 181
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T - 10906 & 10907

Project No. (II): Ph-5901 Quadrangle Name (IV):

Field Office (II): Faulkner, Maryland Chief of Party: G. F. Wirth

Photogrammetric Office (III): Baltimore, Maryland Officer-in-Charge: William E. Randall

Instructions dated (II) (III): January 28, 1959
Letter dated May 15, 1959
" " June 29, 1959

Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Graphic

Manuscript Scale (III): 1:10,000 Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): 1.000

Date received in Washington Office (IV): Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV):

Publication Scale (IV): Publication date (IV):

Geographic Datum (III): N.A. 1927 Vertical Datum (III):

~~Mean low water mean lower low water~~ MHW

Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): DIGGS, 1934

Lat.: 38° 23' 13.363" (412.0 m) Long.: 77° 08' 46.740" (1134.4 m) Adjusted ~~Unadjusted~~

Plane Coordinates (IV): State: Maryland Zone:

Y= 201,681.88 X= 758,058.96

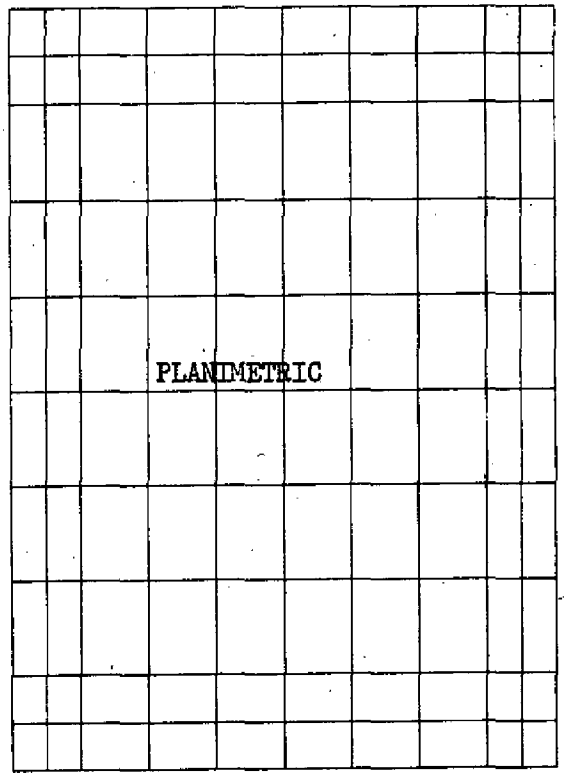
Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

FORM 181a
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD



Areas contoured by various personnel
(Show name within area)
(II) (III)

FORM 181b
(4-23-54)

T-10906

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): G. F. Wirth
E. E. Brown
Date: November thru December 1959

Planetable contouring by (II): Inapplicable
Date:

Completion Surveys by (II):
Date:

Mean High Water Location (III) (State date and method of location): 17 Dec. 59 - field inspection on 1958 and 1959 photos.

Projection and Grids ruled by (IV): W. S.
Date: 5/16/60

Projection and Grids checked by (IV):
Date:

Control plotted by (III): J. Steinberg
Date: 6/30/60

Control checked by (III): J. Mooney
Date: 6/30/60

Radial Plot or Stereoscopic Control extension by (III): L. A. Senasack
Date: 11/15/60

Stereoscopic Instrument compilation (III):
Planimetry
Date:
Contours
Date:

Manuscript delineated by (III): J. C. Richter
Date: 1/11/61

Manuscript scribed by: J. C. Cregan
Date: 6/4/62

Photogrammetric Office Review by (III): R. Glaser
Date: 5/10/61

Elevations on Manuscript checked by (II) (III):
Date:

COMM-DC-57842

FORM 181b
(4-23-54)

T-10907

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): G. F. Wirth
E. E. Brown
J. E. Tolodziecki

Date: November thru December 1959

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): 17 Dec. 1959 - field inspection on 1958 photos.

Projection and Grids ruled by (IV): W. S.

Date: 5/16/60

Projection and Grids checked by (IV):

Date:

Control plotted by (III): J. Steinberg

Date: 7/1/60

Control checked by (III): J. Mooney

Date: 7/1/60

Radial Plot or Stereoscopic Control extension by (III): L. A. Senasack

Date: 11/15/60

Stereoscopic Instrument compilation (III): Planimetry) Inapplicable
Contours)

Date:

Date:

Manuscript delineated by (III): J. C. Richter

Date: 12/24/60

Manuscript scribed by: J. C. Cregan

Date: 4/24/62

Photogrammetric Office Review by (III): R. Glaser

Date: 5/15/61

Elevations on Manuscript checked by (II) (III):

Date:

COMM-DC-57842

FORM 181c
(4-23-54)

T-10906

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): C&GS "W" and Nine-lens camera

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
58-W-597 & 598	5/22/58	14:02	1:10,000	0.1' above MLW
58-W-599	"	14:03	"	" " "
57344	5/23/58	12:48	"	" " "
59-W-9561	10/5/59	1:32	"	0.2' " "

1961 photos

Tide (III)
From Predicted Tables

	Ratio of Ranges	Mean Range	Spring Range
Reference Station: Washington, D. C.		2.9'	3.3'
Subordinate Station: Riverside, Md.	0.38	1.1'	1.3'
Subordinate Station:			

~~Washington Office~~ Final Review by (IV): Balto. District Office - R. Glaser Date: 3/27/63

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): Date:

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): 12
Shoreline (More than 200 meters to opposite shore) (III): 4.3 miles
Shoreline (Less than 200 meters to opposite shore) (III): 5.6 miles
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 4 Recovered: 4 Identified: 3
Number of BMs searched for (II): None Recovered: Identified:
Number of Recoverable Photo Stations established (III): 1*
Number of Temporary Photo Hydro Stations established (III):

Remarks: *See item 38, Compilation Report

COMM-DC-57842

FORM 181c
(4-23-54)

T-10907
DESCRIPTIVE REPORT - DATA RECORD

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Camera (kind or source) (III): U.S.C. & G. S. "W" and Nine-lens.

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
58-W-596	5/22/58	14:02	1:10,000	0.1' above MLW
57343	5/23/58	12:47	"	" " "

1961 photos

Tide (III)
From Predicted Tables

Ratio of Ranges	Mean Range	Spring Range
	2.9'	3.3'
0.38	1.1'	1.3'

Reference Station: Washington, D. C.
Subordinate Station: Riverside, Maryland
Subordinate Station:

~~Washington Office~~ Final Review by (IV): Balto. District Office - R. Glaser Date: 3/27/63

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): Date:

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): 4
Shoreline (More than 200 meters to opposite shore) (III): 8.4 miles
Shoreline (Less than 200 meters to opposite shore) (III): 0.8 mile
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 3 Recovered: 3 Identified: 3
Number of BMs searched for (II): None Recovered: Identified:
Number of Recoverable Photo Stations established (III): 1
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

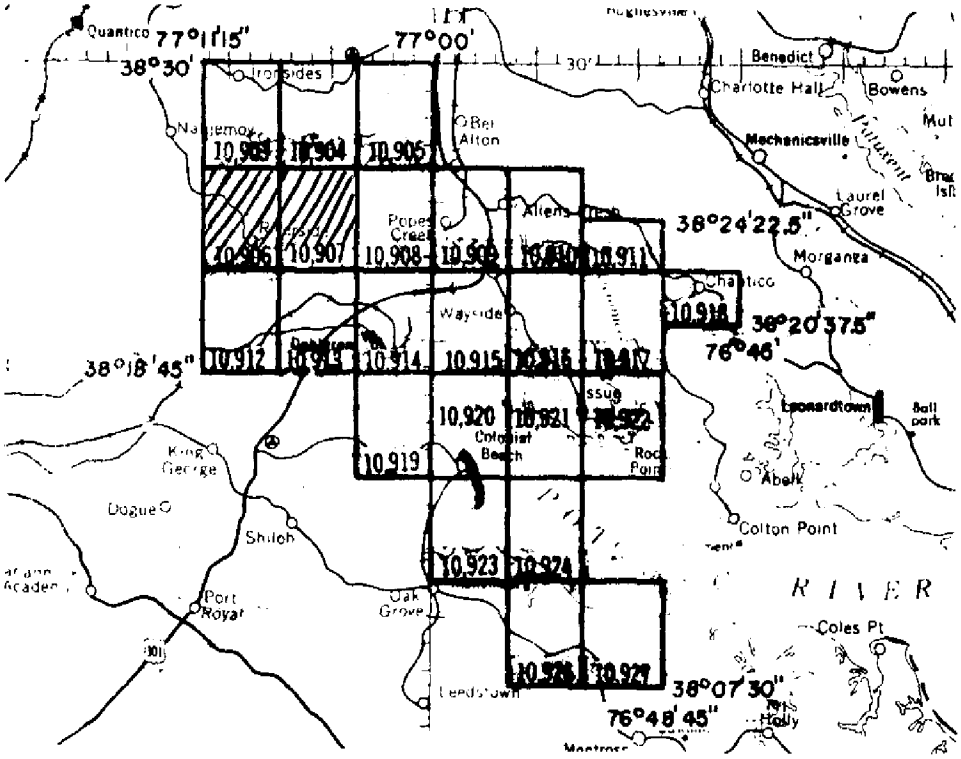
COMM-DC-57842

PROJECT PH-5901

Planimetric Mapping Scale 1:10,000

Potomac River Va.-Md.

Maryland Point to Wicomico River



Official Mileage for Cost Accounts

Sheet Number	Area Sq. Mi.	Lin. Mi. Shoreline	Sheet Number	Area Sq. Mi.	Lin. Mi. Shoreline
10903	13	14	10915	6	7
10904	13	9	10916	14	7
10905	11	14	10917	7	16
10906	12	9	10918	7	2
10907	3	9	10919	12	12
10908	4	5	10920	2	4
10909	13	3	10921	5	12
10910	12	11	10922	6	20
10911	7	2	10923	9	17
10912	10	7	10924	2	4
10913	13	9	10926	14	5
10914	10	13	10927	10	3

TOTALS--- Area 215 Sq. Mi. Shoreline 214 Mi.

Summary to Accompany Descriptive Reports

T-10906 & T-10907

Planimetric maps T-10906 and T-10907 are part of Project Ph-5901 which consists of 24 planimetric maps and one shoreline survey. These maps cover a portion of the Maryland shore of the Potomac River and include the area of Riverside, Blossom Point Proving Grounds, a portion of Nanjemoy Creek and a small section of Mathias Point Neck on the Virginia side of the river. This is a graphically compiled project at a scale of 1:10,000 in advance of hydrographic surveys to be made in the area. The maps were covered by 9-lens photography of May 1958, single lens "W" photography of May 1958 and October 1959 and supplemented by single lens "S" photography of July and August 1961. The manuscripts were controlled by radial plot using Stereoplanigraph bridge points to supplement field identified control. The field operations preceding compilation included complete field inspection, the establishment of recoverable topographic stations and the recovery and identification of horizontal control, landmarks and aids to navigation. The manuscripts are vinylite sheets 3-3/4' in latitude by 3-3/4' in longitude which were scribed and reproduced on cronaflex following Photogrammetric Office review. The registered copies under T-10906 and T-10907 will consist of a cronar film positive and a cronar film negative of each scribed manuscript.

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT
CONTROL RECORD

MAP T- 10906 PROJECT NO. Ph-5901 SCALE OF MAP 1:10,000 SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
DIGGS, 1934	VA-Coord N. Zone p. 44	N.A. 1927	265,192.02 2,388,002.08				
SUB PT A DIGGS, 1934	Comp	"	265,376.59 2,388,035.09				
SUB PT B DIGGS, 1934	"	"	265,125.05 2,387,820.54				
RIVERSIDE, 1928	VA. N ZONE p. 21	"	264,961.27 2,388,036.86				
MARSH, 1928	"	"	260,924.19 2,382,117.93				
METOMKIN POINT MIDDLE GROUND LT. 1928	p. 23	"	260,952.37 2,388,834.35				
RIVERSIDE WHARF LIGHT No. 14 1959	MD VOL. 2 p. 399	"	201,210.59 758,386.33				

1 FT. = .3048006 METER

COMPUTED BY: J. Steinberg DATE 6/20/60 CHECKED BY: H. R. Rudolph DATE 6/28/60

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T-10906 PROJECT NO. Ph-5901 SCALE OF MAP 1:10,000 SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
(Riverside Lt. 15 9807	I.B.M. Strip No. 19	N.A. 1927	260,954.00 2,388,830.10				
9601	No. 17	"	282,594.10 2,390,709.40				
9602	"	"	276,473.10 2,392,943.60				
(58-S-597) 9700	"	"	271,773.00 2,388,514.00				
9701	"	"	278,014.20 2,383,353.80				
9702	"	"	270,521.20 2,387,882.90				
9703	"	"	268,483.30 2,391,545.70				
(58-S-598) 9800	"	"	267,744.60 2,383,095.10				
9801	"	"	272,593.50 2,379,403.10				
9802	"	"	266,971.50 2,383,668.80				1.000 1.000
9803	"	"	265,130.30 2,386,824.00				
9804	"	"	265,382.00 2,388,033.00				

1 FT. = .3048006 METER

COMPUTED BY: J. Steinberg DATE 6/22/60 CHECKED BY: H. R. Rudolph DATE 6/24/60

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T-10906 PROJECT NO. Ph-5901 SCALE OF MAP 1:10,000 SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD	(BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	(BACK)
9805	IBM Strip No. 17	N.A. 1927	265,130.10 2,387,818.50							
(Riverside wharf Lt.) 9806	"	"	264,733.30 2,388,332.70							
(Riverside Lt. No. 15) 9807	"	"	260,961.90 2,388,832.70							
(58-S-599) 9900	"	"	263,263.30 2,377,352.30							
9901	"	"	268,766.40 2,374,096.70							
9902	"	"	263,511.40 2,377,679.90							
9904	"	"	270,629.20 2,377,261.00							

1 FT. = 3048006 METER

COMPUTED BY: J. Steinberg DATE 6/22/60 CHECKED BY: H. R. Rudolph DATE 6/24/60

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T-10907 PROJECT NO. Ph-5901 SCALE OF MAP 1:10,000 SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
BLOSSOM, 1956	Form 725 d Va. N	N.A. 1927	280,756.12 2,404,880.30				
SUB PT A BLOSSOM, 1956	Comp.	"	280,877.75 2,404,806.05				
SUB PT B BLOSSOM, 1956	"	"	281,013.53 2,404,908.95				
CRALLE (B OF O), 1943	VA N. Zone p. 97	"	264,204.95 2,411,217.38				
TARGET, 1943	"	"	265,832.31 2,407,906.61				
UPPER CEDAR 3, 1928	p. 21	"	272,739.18 2,403,566.32				
UPPER CEDAR 4 1959	MD. VOL. 2 p. 396	"	209,021.31 773,691.80				
UPPER CEDAR POINT LT 1959	MD. VOL. 2 p. 400	"	207,353.27 776,205.39				
BLOSSOM POINT RADIO TOWER 1959	"	"	209,248.08 768,815.98				

1 FT. = .3048006 METER

COMPUTED BY: J. Steinberg DATE 6/20/60 CHECKED BY: H. R. Rudolph DATE 6/28/60

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
DESCRIPTIVE REPORT
CONTROL RECORD

MAP T-10907 PROJECT NO. Ph-5901 SCALE OF MAP 1:10,000 SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
8101	IBM Strip No. 19	N.A. 1927	262,164.90 2,410,940.30				
(58-S-594) 9400	No. 17	"	281,770.80 2,406,940.70				
9402	"	"	283,325.20 2,405,997.30				
9403	"	"	279,741.70 2,408,981.30				
(58-S-595) 9500	"	"	278,782.20 2,400,992.30				
9501	"	"	283,077.10 2,399,170.70				
9502	"	"	278,240.80 2,401,283.30				
9506	"	"	271,153.90 2,406,055.90				
9504	"	"	281,024.50 2,404,899.60				
9505	"	"	280,889.70 2,404,809.40				
9503	"	"	274,101.60 2,403,898.60				
(58-S-596) 9600	"	"	275,401.90 2,394,368.50				

1 FT. = .3048006 METER

COMPUTED BY: J. Steinberg DATE: 6/22/60 CHECKED BY: H. R. Rudolph DATE: 6/24/60

COMM-DC-57843

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T-10907 PROJECT NO. Ph-5901 SCALE OF MAP 1:10,000 SCALE FACTOR 1.000

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
9603	IBM Strip No. 17	N.A. 1927	273,365.20 2,398,161.80				
(Radio Tower) LDMK 9604	"	"	272,963.90 2,398,707.30				

1 FT. = .3048006 METER

COMPUTED BY: J. Steinberg DATE 6/22/60 CHECKED BY: H. R. Rudolph DATE 6/24/60

COMM-DC-57843

COMPILATION REPORT

T-10906 & T-10907

The photogrammetric plot report covering the area of these surveys is part of the combined Descriptive Report T-10926 and T-10927.

The field inspection report for these manuscripts is included with the combined Descriptive Report T-10921 and T-10922.

31. DELINEATION

These manuscripts were compiled by the graphic method.

32. CONTROL

The identification and placement of horizontal control was satisfactory. The density of control while adequate, was at a minimum.

33. SUPPLEMENTAL DATA

Geographic name sheets prepared on U.S.G.S. Nanjemoy and Mathias Point quadrangles, approved by L. Heck and dated 10/10/60.

34. CONTOURS AND DRAINAGE

Contours: Inapplicable.

Drainage: With the exception of drainage through marsh areas which could be seen easily on the photographs, all other drainage was under dense foliage and was very difficult to delineate accurately. Field inspected drainage was checked against the 1954 U. S. G. S. quadrangles and was accepted only where it did not violate the contours. The balance of the drainage was office interpreted, then also checked against the drainage as projected onto the manuscript from the quadrangles.

35. SHORELINE AND ALONGSHORE DETAILS

The shoreline inspection was adequate.

No low-water or shoal lines were field inspected and none were shown on the manuscripts.

Limits of grass in water were office interpreted from data furnished by the field party.

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Forms 567 are herewith submitted for three non-floating aids to navigation and one landmark.

38. CONTROL FOR FUTURE SURVEYS

Two non-monumented recoverable topographic stations were established and are listed in item 49.

The field party could not recover triangulation station MARSH, 1928 and therefore established a third topo station, PIER 1959 in order to satisfy control requirements. However, since MARSH, 1928 was subsequently recovered, (see cahier 347, page 16) PIER, 1959 was not delineated.

39. JUNCTIONS

Junctions have been made and are in agreement between these two surveys. Junctions have also been made and are in agreement between this unit and

T-10903 and T-10904 to the north,
T-10912 and T-10913 to the south,
T-10908 to the east,
No contemporary survey to the west.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41 thru 45.

Inapplicable

46. COMPARISON WITH EXISTING MAPS

T-10906:
U.S.G.S. Nanjemoy, Md., quadrangle, scale 1:24,009 dated 1954.

T-10907:
U.S.G.S. Mathias Point, Md.-Va. quadrangle, scale 1:24,000, dated 1954.

47. COMPARISON WITH NAUTICAL CHARTS

Chart 559, scale 1:40,000, 5th edition October 17, 1960, corrected thru Notice to Mariners No. 44, October 29, 1960.

Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
May 16, 1961

Raymond Glaser

Raymond Glaser
Carto. (Photo.)

Approved and forwarded

William E. Randall
CDR, C&GS
Baltimore District Officer

T-10906, T-10907

Addenda to Descriptive Report

Ratio prints of the following photographs were prepared for the use of the hydrographic support party:

T-10906:
61-S-2088 thru 2092
61-S-3290 thru 3293
61-S-2212 (Nanjemoy Creek)

T-10907:
61-S-2083 thru 2087
61-S-3265 thru 3266
61-S-3290 thru 3293

These photographs were also used in the compilation office to revise shoreline and alongshore details on the manuscript prior to reproduction.

The centers of the photos have been shown on the manuscript with dashed circles.

Respectfully submitted
March 21, 1962

Raymond Glaser

R. Glaser
Carto. (Photo.)

Approved and forwarded

William E. Randall
CDR, C&GS
Baltimore District Officer

5-16-61

FORM 182
(6-12-56)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

90.

PHOTOGRAMMETRIC OFFICE REVIEW

T-10906 & T-10907

1. Projection and grids ✓ 2. Title ✓ 3. Manuscript numbers ✓ 4. Manuscript size ✓

4a. Classification label ✓

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy ✓ 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) ✓ 7. Photo hydro stations X 8. Bench marks X
9. Plotting of sextant fixes X 10. Photogrammetric plot report ✓ 11. Detail points ✓

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline ✓ 13. Low-water line X 14. Rocks, shoals, etc. X 15. Bridges X 16. Aids to navigation ✓ 17. Landmarks ✓ 18. Other alongshore physical features ✓ 19. Other alongshore cultural features ✓

PHYSICAL FEATURES

20. Water features ✓ 21. Natural ground cover ✓ 22. Planetable contours X 23. Stereoscopic instrument contours X 24. Contours in general X 25. Spot elevations X 26. Other physical features ✓

CULTURAL FEATURES

27. Roads ✓ 28. Buildings ✓ 29. Railroads X 30. Other cultural features ✓

BOUNDARIES

31. Boundary lines ✓ 32. Public land lines X

MISCELLANEOUS

33. Geographic names ✓ 34. Junctions ✓ 35. Legibility of the manuscript ✓ 36. Discrepancy overlay X 37. Descriptive Report ✓ 38. Field inspection photographs ✓ 39. Forms ✓

40. R. Glaser — Reviewer; Joseph Steinberg — Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler _____ Supervisor _____

43. Remarks:

COMM-DC 34529

Review Report T-10906 & T-10907
PLANIMETRIC
March 26, 1963

61. GENERAL STATEMENT

See Summary accompanying Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

T-10906:

862	1:20,000	1862
863	1:20,000	1862
2636	1:20,000	1934

T-10907:

861	1:20,000	1862
862	1:20,000	1862
2635	1:20,000	1902
2636	1:20,000	1934

T-10906 and T-10907 supersede the above prior surveys for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

U.S.G.S. Nanjemoy, Md.	1:24,000	1954
U.S.G.S. Mathias Point, Md.-Va.	1:24,000	1954

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

H-8705 1:10,000 1962 (Boat sheet)

The boat sheet covers only a portion of the subject manuscripts.

T-10906:
The hydrographic survey shows an inlet at Lat. 38° 25.8' Long. 77° 07.5' which is nonexistent on the manuscripts and photograph 61-S-3291.

The representation of the shoreline of Nanjemoy Creek on the boat sheet differs with that on the manuscript in several places. This area on the manuscript was delineated from field inspection on 9-lens photographs 57344, 57345 and 57346.

T-10907:
Minor discrepancies between the manuscript and the boat sheet were resolved.

H-8706 1:10,000 1962 (Boat sheet)

The boat sheet covers only a portion of the subject manuscripts.

T-10906:
A foul area on the manuscript, delineated from field photo 59-W-9561 at Lat. 38° 22.5' Long. 77° 10', is not shown on the boat sheet.

T-10907:
The Boat sheet and the manuscript are in good agreement.

65. COMPARISON WITH NAUTICAL CHARTS

559 1:40,000 5th Edition, Oct. 17, 1960

T-10906 and T-10907:
General agreement between the chart and the manuscripts is good.

Some differences exist in the interpretation of bluffs; also, each manuscript shows several piers which are not charted.

T-10907:
The manuscript shows a fish trap which is not charted.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

These surveys comply with instructions and meet the National Standards of Map Accuracy.

Future surveys should investigate the existence of fish traps, nets, weirs, piling and ruins just off Blossom Point which were reported by the field party via notes on field photos 57344 and 58-S-4994. These obstructions were not visible on the photographs and are therefore not delineated on the manuscript. The boat sheet covering the area, H-8706, also does not show these reported obstructions.

In addition, future surveys should investigate a possible discrepancy in the spelling of a geographic name. TALOES NECK ROAD (from field inspection) does not correspond with the spelling of TAYLOE NECK, an approved geographic name.

Reviewed by:

R. Glaser

Approved by:

Baltimore District Officer

Approved by:

L C Lande
Chief, Review Section

J E Waugh 9/26/63
Chief, Photogrammetry Division

Chief, Nautical Chart Division

Horace B Cornaby
Chief, Operations Division

Form 567
(10-15-58)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

T-10906

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~
} STRIKE OUT TWO

Baltimore, Maryland Jan. 10, 1961

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by R. Glaser

William E. Randall *Chief of Party.*

STATE	MARYLAND		POSITION					METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*		LONGITUDE*		DATUM						
CHARTING NAME	DESCRIPTION	SIGNAL NAME	° ′	″ D.M. METERS	° ′	″ D.P. METERS							
				08.709		42.619	N.A.	T-10906	12/16				
LIGHT 14	Riverside Wharf Light 14, 1959		38 23	268.5	77 08	1034.4	1927	Triang.	1959		X		559
	Upper Potomac River Light 15, 1959			31.334		37.075			6/19				
LIGHT 15	(Metomkin Point Middle Ground Light 1928)		38 22	966.2	77 08	899.9	"	"	1959		X		559

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

USCOMM-DC 27126

Form 567
(10-15-58)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

~~NONFLOATING AIDS OR~~ LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~
} STRIKE OUT TWO

Baltimore, Maryland Jan. 11, 1961

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by J. C. Richter

William E. Randall *Chief of Party.*

STATE MARYLAND

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY, NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	Blossom Point Radio Tower, 1959 (Alum. & Steel) Ht=146 (166)		38 24	28,307 872.8	77 06	31.755 770.5	N.A. 1927	Triang T-10907	Dec. 1 1959		x		559

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and *nonfloating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

USCOMM-DC 27126

Form 567
(4-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

NONFLOATING AIDS ~~OR LANDMARKS~~ FOR CHARTS

TO BE CHARTED
~~TO BE REVISED~~
~~TO BE DELETED~~
} STRIKE OUT TWO

Baltimore, Maryland Jan. 11 1961

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by J. C. Richter

William E. Randall *Chief of Party.*

STATE	MARYLAND		POSITION										
			LATITUDE*			LONGITUDE*							
CHARTING NAME	DESCRIPTION	SIGNAL NAME	°	′	″ D.M. METERS	°	′	″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
Light	Upper Cedar Point Lt. 1959		38	24	09.652 297.6	77	04	58.903 1429.2	N.A. 1927	Triang. T-10907	Dec. 7 1959		x		559

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and *non-floating aids* to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

* TABULATE SECONDS AND METERS

USCOMM-DC 25412-P61

48. Geographic Names List

Balls Point
Benny Gray Point
Blossom Point
Blossom Point Proving Grounds
Bluff Point

Cedar Neck Point

Kings Creek

Little Creek

Mathias Point Neck

Nanjemoy Creek

Potomac River

Riverside

Tanners Point
Tayloe Neck

Upper Cedar Point

Geographic Names Section
1 July 1963

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

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-10906 & 10907

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
559	3/29/65	J. H Eaton	~~Full~~ Part ~~Before~~ After Verification Review Inspection Signed Via
			Drawing No.
101-SC	4/13/65	F. B. Powers	~~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.
			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.
			Full Part Before After Verification Review Inspection Signed Via
			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