

10910 10911 Original

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 T-10910 and Office No. T-10911
LOCALITY	
State	Maryland
General locality	Wicomico River
Locality	Budds Creek and Newport
1958-1959	
CHIEF OF PARTY	
George F. Wirth, Photo. Party 723	
W. E. Randall, Baltimore District Officer	
LIBRARY & ARCHIVES	
DATE	7/64

USCOMM-DC 5087

T- 10910

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation completed	3/6/61	Supersedes all previous copies

DESCRIPTIVE REPORT - DATA RECORD

T - 10910 & T-10911

PROJECT NO. (II):

Ph-5901

FIELD OFFICE (II):

Faulkner, Maryland

CHIEF OF PARTY

G. F. Wirth

PHOTOGRAMMETRIC OFFICE (III):

Baltimore

OFFICER-IN-CHARGE

Wm. E. Randall

INSTRUCTIONS DATED (II) (III):

January 28, 1959

Letter from Ass't. Director dated May 15, 1959

" " " " June 29, 1959

METHOD OF COMPILATION (III):

Graphic

MANUSCRIPT SCALE (III):

1:10,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (IV):

GEOGRAPHIC DATUM (III):

N.A. 1927

VERTICAL DATUM (III): MHW

MEAN SEA LEVEL EXCEPT AS FOLLOWS:

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):

PLOWDEN, 1942

LAT.:

LONG.:

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

STATE

ZONE

220,658.98

x = 823,107.79

Maryland

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 C&GS-181b
(12-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-10910

FIELD INSPECTION BY (III): G. F. Wirth, R. S. Tibbetts, E. E. Brown		DATE: November thru December 1959
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): 1959 field inspection on 1958 photographs.		
PROJECTION AND GRIDS RULED BY (IV): J. Keefer		DATE 5/17/60
PROJECTION AND GRIDS CHECKED BY (IV):		DATE
CONTROL PLOTTED BY (III): Joseph Steinberg		DATE 7/5/60
CONTROL CHECKED BY (III): John Mooney		DATE 7/5/60
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): H. R. Rudolph		DATE 7/29/60
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): B. Kurs		DATE 10/24/60
SCRIBING BY (III): J. C. Cregan		DATE 3/26/62
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. Glaser		DATE 3/6/61
REMARKS:		

FORM C&GS-181b
(12-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD
T-10911

FIELD INSPECTION BY (III): G. F. Wirth, R. S. Tibbetts, E. E. Brown		DATE: November thru December 1959
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): 1959 field inspection on 1959 photographs.		
PROJECTION AND GRIDS RULED BY (IV): W. Souders		DATE 5/17/60
PROJECTION AND GRIDS CHECKED BY (IV):		DATE
CONTROL PLOTTED BY (III): J. Steinberg		DATE 7/5/60
CONTROL CHECKED BY (III): J. Mooney		DATE 7/5/60
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): H. R. Rudolph		DATE 7/29/61
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY	DATE
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): B. Kurs		DATE 11/15/60
SCRIBING BY (III): J. C. Cregan		DATE 11/2/61
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. Glaser		DATE 3/1/61
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

T-10910

AMERA (KIND OR SOURCE) (III):

U. S. C. & G. S. "W" and nine-lens cameras

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
58-W-629 & 631	5/22/58	Not available	1:10,000	----
59-W-9573	10/5/59	1350	"	1.8' Ft. above MLW
59-W-9603	10/6/59	1135	"	0.1' " " "
57299	5/22/58	1158	"	0.3' " " "

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Washington, D. C.		2.9'	3.3'
COORDINATE STATION: Bushwood or Rock Pt.		1.9'	2.2'
SUBORDINATE STATION:			

WASHINGTON-OFFICE REVIEW BY (IV): *FINAL* BALTO. DISTRICT OFFICE - R. G. Gisser

DATE: 4/5/63

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

1

RECOVERED:

1

IDENTIFIED:

1

NUMBER OF BM(S) SEARCHED FOR (II):

0

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

*1

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

0

REMARKS:

*Two previously established stations recovered and two are reported destroyed.

FORM C&GS-181c
(12-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-10911

AMERA (KIND OR SOURCE) (III):

U. S. C. & G. S. "W" and nine-lens cameras

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
59-W-9601 & 9602	10/6/59	1135	1:10,000	0.1' above MLW

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Washington, D. C.		2.9'	3.3'
ORDINATE STATION: Rock Pt.		1.9'	2.2'
SUBORDINATE STATION:			

WASHINGTON OFFICE ^{FINAL} REVIEW BY (IV): BALTO. DISTRICT OFFICE - R. Glaser

DATE: 4/5/63

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (III):

1

RECOVERED:

1

IDENTIFIED:

1*

NUMBER OF BM(S) SEARCHED FOR (III):

0

RECOVERED:

IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

1**

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

0

REMARKS:

- * Ryceville (N. of Project)
- ** Ryceville AZ. Mk. (N. of Project)

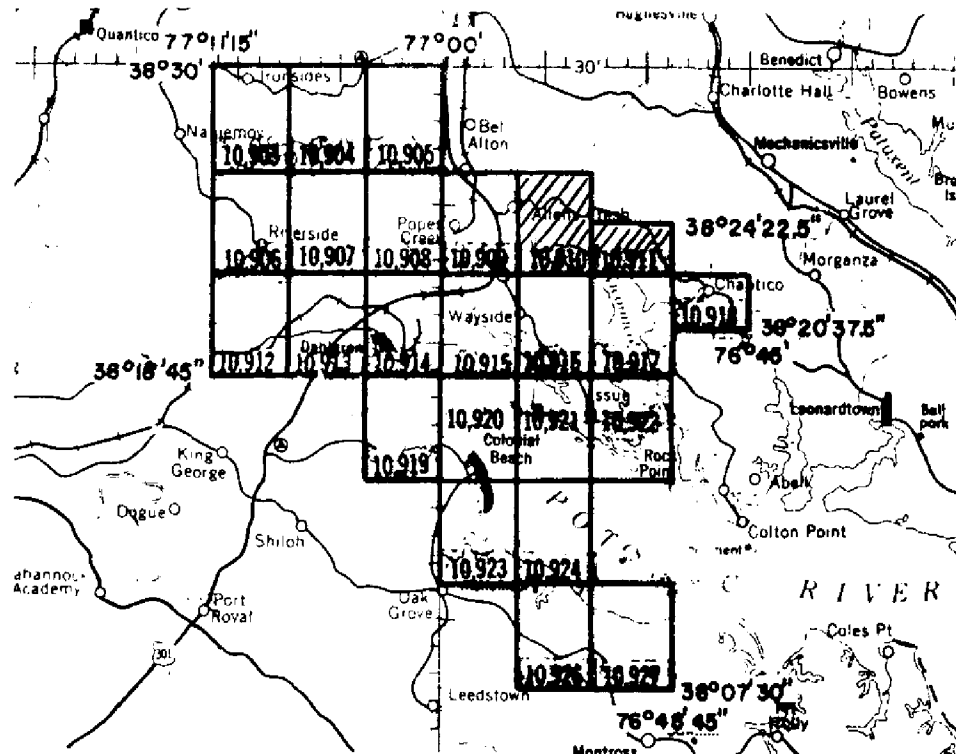
PROJECT PH-5901

Planimetric Scale 1:10,000

Port of ... Va.-Md.

Maryland Point to Wicomico River

4.



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 Report

T-10910 & T-10911

Planimetric maps T-10910 and T-10911 are part of Project Ph-5901 which consists of 24 planimetric maps and one shoreline survey. These maps cover the upper reaches of the Wicomico River and its tributaries, the largest of which are Allens Fresh Run, Newport Run and Budds Creek. The Wicomico, one of the major tributaries of the Potomac River, flows in a southeasterly direction from the Maryland side. 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 and single-lens "W" photography of May 1958 and October 1959. 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, recovery and identification of horizontal control and recovery and establishment of recoverable topographic stations. The manuscripts are vinylite sheets; T-10910 is 3-3/4' in latitude by 3-3/4' in longitude, while T-10911 is 1-7/8' in latitude by 3-3/4' in longitude. The manuscripts were scribed and reproduced on cronaflex following photogrammetric office review. The registered copies under T-10910 and T-10911 will consist of a cronar film positive and a cronar film negative of each scribed manuscript.

MAP T-10911

PROJECT NO. Ph-5901

SCALE OF MAP.....1:10,000.

SCALE FACTOR 1,000

[illegible]

1 FT. = 3048006 METER

COMPUTED BY:

J. Steinberg

DATE _____

6/20 & 6/24/60

CHECKED BY:

H. R. Rudolph

DATE _____

6/28/60

COMM-DC-57843

COMPILATION REPORT

T-10910 & T-10911

The Field Inspection Report and the Photogrammetric Plot Report covering the area of these surveys are a part of Descriptive Report T-10921 and T-10922.

31. DELINEATION

These manuscripts were delineated by the graphic method.

The photographs were quite satisfactory. However, due to the dense foliage and the dry season at the time of photography, it was quite difficult to delineate drainage completely and accurately.

Very little drainage was field inspected (See item 34).

32. CONTROL

The identification of horizontal control was satisfactory. The density of control to cover these two surveys was at a bare minimum.

33. SUPPLEMENTAL DATA

U. S. G. S. Popes Creek, Md. quadrangle dated 1953.

U. S. G. S. Charlotte Hall, Md., quadrangle dated 1953.

The above quadrangles were used to supplement field data with regard to drainage and names.

34. CONTOURS AND DRAINAGE

Contours: Not applicable.

Drainage: Some of the drainage as field inspected, violated the contours as shown on the quadrangles. This was corrected by office interpretation of the photographs using the drainage on the quadrangles as a guide.

Additional drainage, not field inspected but shown on the quadrangle was also delineated where it could be verified by the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

^{inspection}
The shoreline_{inspection} was adequate.

There were no low water or shoal lines field inspected nor were any delineated on these manuscripts.

36. OFFSHORE DETAILS

None.

37. LANDMARKS AND AIDS

None.

38. CONTROL FOR FUTURE SURVEYS

Five Forms 524 are herewith submitted.

Two are for previously established recovered topo stations, two are for destroyed topo stations and one is for an azimuth Mark north of T-10911.

One additional non-monumented topographic station appears on the manuscript.

39. JUNCTIONS

Junction has been made and is in agreement between T-10910 and T-10911. Junctions have also been made and are in agreement between these surveys and the following:

T-10909 to the east
T-10916 and T-10917 to the south
No contemporary surveys to the north and east.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. BOUNDARIES

On T-10911 the boundary between Charles County and St. Marys County follows BUDDS CREEK.

According to the Charlotte Hall, Maryland quadrangle, this creek is comprised of several segments none of which is visible on the photographs because of dense foliage; therefore the segment along which the boundary runs was projected onto the manuscript from the above mentioned quadrangle.

42. thru 45.

Not needed.

46. COMPARISON WITH EXISTING MAPS

U. S. G. S. Popes Creek, Maryland quadrangle, scale 1:24,000 dated 1953.

U.S.G.S. Charlotte Hall, Maryland quadrangle, scale 1:24,000,
dated 1953.

47. COMPARISON WITH NAUTICAL CHARTS

Chart 558, scale 1:40,000, 4th edition, November 16, 1959.

Items to be applied to nautical charts immediately: None.

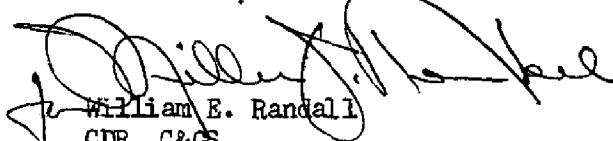
Items to be carried forward: None.

Respectfully submitted
March 7, 1961



R. Glaser
Carto. (Photo.)

Approved and forwarded



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

3-8-61

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PHOTOGRAMMETRIC OFFICE REVIEW

T-10910 & T-10911

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

5a. 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 ☒ 8. Bench marks ☒
9. Plotting of sextant fixes ☒ 10. Photogrammetric plot report ☒ 11. Detail points ☒

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

27. Roads ☒ 28. Buildings ☒ 29. Railroads ☒ 30. Other cultural features ☒

BOUNDARIES

31. Boundary lines ☒ 32. Public land lines ☒

MISCELLANEOUS

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

40. P. Glaser Reviewer Joseph Steinberg Supervisor, Review Section of 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:

Review Report T-10910 & T-10911

Planimetric
April 5, 1963

61. GENERAL STATEMENT

See Summary accompanying Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

T-10910:

1105	1:20,000	1868
8113	1:20,000	1942, 1943

T-10911:

1105	1:20,000	1868
8112	1:20,000	1942, 1943

T-10910 and T-10911 supersede the above prior surveys for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

U.S.G.S. Popes Creek, Md.	1:24,000	1953
U.S.G.S. Charlotte Hall, Md.	1:24,000	1953

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary hydrographic surveys covering the area of these manuscripts were available during final review.

65. COMPARISON WITH NAUTICAL CHARTS

558	1:40,000	5th Edition, 11/5/62
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The chart does not fully cover the shoreline area encompassed by T-10910. The details common to both the chart and the manuscripts are in good agreement with the exception of the fact that the manuscript shows a number of geographic names, none of which are charted.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Reviewed by


R. Glaser

Approved by


Baltimore District Officer

Approved by


Chief, Review Section


Chief, Nautical Chart Division

 10/15/63
Chief, Photogrammetry Division


Chief, Operations Division

48. Geographic Name List

Allens Fresh Marsh
Allens Fresh Run

Bowling Gut
Budds Creek
Budds Creek (settlement)
Budds Landing
Bunker Hill Branch
Burroughs Run

Carpenter Point
Coffee Hill
Coffee Hill Run
Colby Run
Cooksey Island
Cooksey Point
Cramer Gut

Foggy Bottoms
Foggy Bottoms Gut
Ford Run
Forest Cove

Gilbert Swamp Run

Herbert Run
Hickory Gut
Hodister Run

Jenkins Run

Lancaster Run
Lucton Landing
Lucton Point
Lucton Run

McReynolds Point
Mud Cove
Murphy Run

Newport
Newport Marsh
Newport Marsh Run
Newport Run
Newport Branch

Oden Run
Old Mill Branch

Peach Run
Posey Creek

St. Clair Gut
Steinhauser Gut

Tears Gut

Westwood Point
Wicomico
Wicomico River
Woodland Point

Zekiah Swamp

George M. Buel
Geographic Names Section
1 July 1963

