
U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey: Planimetric
T-10910 and
Field No.: Ph-5901 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: 14514

USCO-34-DC 5087
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### Descriptive Report - Data Record

**Project No. (III):**

Ph-5901

**Field Office (II):**

Paulkner, Maryland

**Chief of Party:**

G. F. Wirth

**Photogrammetric Office (III):**

Baltimore

**Officer-in-Charge:**

Wm. E. Randall

**Instructions Dated (III):**

January 28, 1959

Letter from Asst. 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):**

Flowden, 1942

**Lat.:**

**Long.:**

☑ Adjusted

☑ Unadjusted

**Plane Coordinates (IV):**

- X = 823,107.79
- Y = 220,658.98

**State:**

Maryland

**Zone:**

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.
**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**
- **CONTOURS**

**MANUSCRIPT DELINEATED BY (III):**
B. Kurs  
**DATE:** 10/24/60

**SCRIIBING BY (III):**
J. C. Cregan  
**DATE:** 3/26/62

**PHOTOGRAMMETRIC OFFICE REVIEW BY (III):**
R. Glaser  
**DATE:** 3/6/61

**REMARKS:**
## DESCRIPTIVE REPORT - DATA RECORD

### T-10911

#### FIELD INSPECTION BY (III):
- G. F. Mirth, 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 (Specify Type of Plot):
- **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:
- 
- 
- 

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**USCOMMD-DC 16279-P61**
# DESCRIPTIVE REPORT - DATA RECORD

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

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## TIDE (III)

| REFERENCE STATION: Washington, D. C. |
| Ordinate Station: Bushwood or Rock Pt. |

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<tr>
<td></td>
<td>2.9 ft</td>
<td>3.3 ft</td>
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<tr>
<td></td>
<td>1.9 ft</td>
<td>2.2 ft</td>
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**Final WASHINGTON-OFFICE REVIEW BY (IV): BALTO. DISTRICT OFFICE - R. G. Dyer**

| DATE: | 4/5/63 |

**PROOF EDIT BY (IV):**

| NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): | 1 | 1 |
| NUMBER OF BM(S) SEARCHED FOR (II): | 0 | 0 |

**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."
**PHOTOGRAPHS (III)**

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**TIDE (III)**

| REFERENCE STATION: | Washington, D. C. | 2.9' | 3.3' |
| SUBORDINATE STATION: | Rock Pt. | 1.9' | 2.2' |

**FINAL**

WASHINGTON OFFICE REVIEW BY (IV): BALTO. DISTRICT OFFICE - R. Glaser

DATE: 4/5/63

PROOF EDIT BY (IV):

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)
Official Mileage for Cost Accounts

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<th>Sheet Number</th>
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TOTALS: Area 415 Sq. Mi. Shoreline 214 Ml.
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.
<table>
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<tr>
<th>STATION</th>
<th>SOURCE OF INFORMATION (INDEX)</th>
<th>DATUM</th>
<th>LATITUDE OR Y-COORDINATE</th>
<th>DISTANCE FROM GRID IN FEET OR PROJECTION LINE IN METERS</th>
<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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<td>PLOWDEN, 1942</td>
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<td>N.A 1927</td>
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1 FT. = 304,800 METER

COMPUTED BY: J. Steinberg DATE: 6/20 & 6/22/60
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<th>N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS</th>
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1 FT = 0.3048006 METER

COMPUTED BY: J. Steinberg | DATE: 6/20 & 6/24/60

CHECKED BY: H. R. Rudolph | DATE: 6/28/60
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.

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**

The shoreline 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 521 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**


Items to be applied to nautical charts immediately: None.

Items to be carried forward: None.

Respectfully submitted
March 7, 1961

R. Glaser
Carto. (Photos)

Approved and forwarded

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

T. 10910 & T-10911


CONTROL STATIONS


ALONGSHORE AREAS

(Nautical Chart Date)


PHYSICAL FEATURES


CULTURAL FEATURES


BOUNDARIES

31. Boundary lines ✔ 32. Public land lines ✗

MISCELLANEOUS


40. Reviewer: Joseph Steinberg

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

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

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
Lucon Landing
Lucon Point
Lucon 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

Geographic Names Section
1 July 1963
**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.

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<th>CARTOGRAPHER</th>
<th>REMARKS</th>
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**FORM C&GS-8352 SUPERScedes ALL EDITIONS OF FORM C&GS-078.**