

T-11802

T-11802

Form 504	
U. S. DEPARTMENT OF COMMERCE	
COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Type of Survey	Planimetric
Field No.	Office No. T-11802
LOCALITY	
State	Maryland
General locality	Chesapeake Bay
Locality	Anne Arundel County
19 61	
CHIEF OF PARTY G. F. Wirth, Chief of Party	
LIBRARY & ARCHIVES	
DATE	

DESCRIPTIVE REPORT - DATA RECORD

1

T-11802

Project No. (II): Ph 6009

^x Quadrangle Name (IV): N A

PH-6009

Field Office (II):

Arnold, Maryland

Photogrammetric Office (III):

Baltimore, Maryland

Instructions dated (II) (III):

22 November 1960

Modification dated 9 December 1960

Chief of Party:

George F. Wirth

Officer-in-Charge:

W E Randall.

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Kelsh Plotter

Manuscript Scale (III): 1:10,000

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

Scale Factor (III): 1:1

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

MAR 31, 1982

Publication Scale (IV): N A

Publication date (IV): N A

Geographic Datum (III): N A 1927

Vertical Datum (III):

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): None

Lat.:

Long.:

Adjusted
Unadjusted

Plane Coordinates (IV):

State:

Zone:

Y=

X=

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

2

NOT APPLICABLE

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

DESCRIPTIVE REPORT - DATA RECORD

3

Field Inspection by (II):

G.F. Wirth
C.H. Nixon
J.E. Tolodziecki

Date:

1 January 1961
thru
31 March 1961

Planetable contouring by (II):

Date:

Not Applicable

Completion Surveys by (II):

Date:

None

Mean High Water Location (III) (State date and method of location):
Field Inspection on photographs

Projection and Grids ruled by (IV): Keefer

Date: Mar 61

Projection and Grids checked by (IV): R Carr

Date: Mar 61

Control plotted by (III): D Brant

Date: Mar 61

Control checked by (III): H Eichert

Date: Mar 61

Radial Plot or Stereoscopic Washington Office
Control extension by (III):

Date: 1960

Planimetry D Brant
Stereoscopic Instrument compilation (III):
Contours N A

Date: Dec 61

Date:

Manuscript delineated by (III): Baltimore Office

Date: 1962

Photogrammetric Office Review by (III): Baltimore Office

Date: 1962

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III):

S

PHOTOGRAPHS (III)

Number

Date

1960

Time

Scale

1:20,000

Stage of Tide

Tide (III)

Reference Station:

Subordinate Station:

Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range

Washington Office Review by (IV): A K Haywood

Date: 1965

Final Drafting by (IV): N A

Date:

Drafting verified for reproduction by (IV): N A

Date:

Proof Edit by (IV): N A

Date:

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 24

Recovered: 9

Identified: 3

Number of BMs searched for (II): 0

Recovered: 0

Identified: 0

Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Remarks:

PROJECT PH-6009

Planimetric Mapping

1:10,000 AND 1:5,000 SCALE

Patapsco River and Baltimore Harbor

MARYLAND

OFFICIAL MILEAGE
FOR COST ACCOUNTS

Sheet No. Sq. Mile

11801	10
11802	9
11811	2
11812	3
11816	2
11817	1
11943	10
11944	6
11945	7
11948	7
11949	7
11950	1



Rev. 10/13/67

Field Inspection Report

PH-6009

Chesapeake Bay-West Shore-Maryland

2. Areal field inspection

The area included in these sheets consists of hilly terrain, wooded areas, and housing developments. The shoreline consists mainly of sand and a few small marsh areas and several small bluffs. This report covers sheets T-11801 and T-11802.

Water traffic in the two Rivers is very heavy in the summertime with various pleasure craft. There are numerous piers along the shores of both Rivers.

The contact prints were dark in tone, while the ratio prints ~~were~~ contained a lot of glare in some areas which made the pricking of fixed aids very difficult. Shoreline and interior inspection was difficult in some areas due to the large amount of overhang from the trees. Much of the field inspection had to be done under extreme snow and frozen conditions.

3. Horizontal Control

All horizontal control requirements were met. The data for this phase of the Project has been previously submitted.

The following stations were reported as "lost" on Form 526.

CEDAR, 1903
BLANK 2, 1943
SHARP 2, 1934
CYP, 1933
TWO STORY PAGODA, 1933
1G, 1944
JACQUELINE, 1932
WEEMS, 1903
BAY, 1903
CHAPMAN, 1934
HIGH (M.S.F.C.), 1903
SWAN, 1903
ROUND, 1903
BREWER (M.S.F.C.), 1903
BREWER, 1906
CHASE (M.S.F.C.), 1903
ISLAND R.M. (M.S.F.C.), 1906
LONG (M.S.F.C.), 1903

4. Vertical control

Contours - Not Applicable

There are no T.B.M.'s on these two sheets.

5. Contours and drainage

Contours - Not Applicable

Drainage was field inspected at all road intersections.

The rest of the drainage was delineated on the photos under the stereoscope when it was clearly visible. Most of the drainage was quite distinguishable. Swamp and marsh areas were outlined in red on the photographs.

6. Woodland cover

Woodland cover was delineated on the photos per instructions.

7. Shoreline and alongshore features

b. The mean low water line was not delineated because the photographs were taken near high water.

c. The foreshore consists primarily of sand and grass in water which have been delineated on the photographs.

d. There are numerous large piers, bulkheads and groins in this area which have been noted on the photographs.

e. No submerged cable or signs indicating a cable could be found in Little Round Bay as shown on U.S.C.&G.S. Chart 566. No signs or features indicating a submerged cable in Mill Creek could be found as shown on U.S.C.&G.S. Chart 566.

The overhead cables at the heads of Saltworks Creek, Cypress Creek, Dividing Creek, and the Magothy River were not delineated because the areas of these cables were not navigable. The shore ends of all other overhead cables have been delineated on the photographs.

8. Offshore features

There are numerous areas in which grass is growing in the water. They have been noted on the photos. The normal tide range in this area is about one foot, but the wind will increase this range considerably.

Other offshore features include numerous duckblinds scattered throughout both Rivers. Where visible, these features have been delineated on the photos.

9. Landmarks and aids

All landmarks and aids have been listed on Form 567. There are no aids and landmarks for Aeronautical Charts.

Two Lights and one Daybeacon in Blackhole Creek were pricked on the photos. They will plot in the border of sheet T-11801 and are needed for Project 20,000-829.

A Standpipe(Ldmk) east of T-11802 was also pricked under the same circumstances.

10. Boundaries, monuments, and lines

There are no boundaries or monuments on these two sheets.

11. Other control

Photo points were pricked as supplemental control to locate fixed aids in Little Round Bay. These photo points were numbered 200, 201, and 202.

12. Other interior features

There were no other prominent interior features on these two sheets.

13. Geographic names

No name discrepancies were found in field inspection.

14. Special reports

A Coast Pilot Report is not required per Modification to the original Instructions.

Submitted 5 April 1961

Jerome E. Tolodziecki
Jerome E. Tolodziecki

Approved:

George F. Wirth
George F. Wirth
Chief of Party

Completion Report
Project PH-6009 (21031)
Maps T-11943 thru T-11945 scale 1:10,000
T-11948 thru T-11950 scale 1:10,000
T-11811 thru T-11812 scale 1:5,000
T-11816 thru T-11817 scale 1:5,000
T-11801 thru T-11802 scale 1:10,000

1. General

This report is a combination Completion Report and Descriptive Report covering those maps completed as listed above.

2. Area

The area covers parts of the western shore of Chesapeake Bay, Baltimore Harbor, Gunpowder, Middle, Patapsco and Severn Rivers in the state of Maryland.

3. Purpose

Its purpose was primarily to provide data for preparation of special charts for the Maryland Department of Tidewater Fisheries. This was a reimbursable project completed under project number 20,000-829 at a scale of 1:20,000.

4. Maps

Map numbers originally assigned are shown on the letter sized diagram attached. All map numbers assigned to this project other than those listed in the title of this report have been cancelled and returned to the open listing for re-assignment.

5. Photography

Panchromatic photography covers the area at 1:20,000 scale taken in October 1960. The Baltimore Harbor area was also flown at 1:10,000 scale on the same date.

6. Field Work

Field work was completed for the area compiled and included recovery and identification of horizontal control. Inspection and verification of landmarks and fixed aids to navigation and field inspection of shoreline and offshore detail, drainage, cultural features and woodland cover.

It also included a Geographic Names Report.

No field work has been completed on the area of the cancelled maps.

See the ~~Field Instructions~~ and Field Reports attached for details.

7. Aerotriangulation

Thirteen strips were bridged on the stereoplanigraph covering only the maps compiled.

All control held within required tolerances and was considered adequate for compilation.

8. Compilation

All completed sheets have been compiled in ink and extend approximately one-half mile inland from the shoreline.

9. Classification

All completed sheets are classified incomplete. This classification means that the maps are based on a final bridge with field identified control but the delineation of details is not complete. These details are normally added during field edit.

The maps are not field edited hence will remain in the incomplete classification.

10. Future Chart Revision

They may be used as bases for chart revision with later photography.

All landmarks and aids to navigation are accurate and complete with positions determined by field and photogrammetric methods.

11. Final Review

All maps were office reviewed at the time of compilation, but have not had a final examination.

A comparison with the largest scale nautical charts has been made. ~~The results of the comparison is noted on an ozalid copy accompanying each manuscript in the vault.~~

No contemporary hydrographic surveys are available in the area and at the time of this report none contemplated in the near future.

12. Registration of Incomplete Manuscripts

Although it is unusual to register incomplete manuscripts it was felt by the Photogrammetric Branch to be expedient with regards to this project in view of the following:

- A. The project was initiated primarily to provide modern base maps, to replace base maps now obsolete (1933-1934)

Pressure of higher priority projects extended our capabilities such that we could complete only that portion that was needed for the Maryland fisheries reimbursable project 20,000-829.

- B. Hydrographic operations are not planned for any time in the near future.

When hydrography is planned the present photography will be too old and new photographs will be taken to update the shoreline and provide hydro support based on bridging completed under this project.

- C. The Chart Division have no plans as of how to reconstruct their charts in this area thru Fiscal Year 1972.

13. Data Files

- A. A cronaflex copy of all completed manuscripts is filed in the vault with a negative in the Reproduction Division.

- B. Control identification cards, control identification photographs, field inspection photographs, bridging photographs and related bridging data is filed in the ~~Records Section of the Photogrammetry Division.~~ SEE FOLLOWING PAGE

- C. Descriptive Reports

A copy of each report is on file in the vault. These reports do not contain a photogrammetric plot report, a compilation report, ~~or a review report.~~

~~A page has been inserted in each Descriptive Report referring to this comprehensive report for a complete history of these items.~~

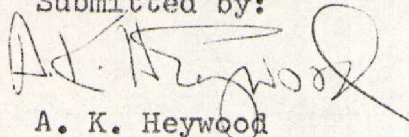
- D. Completion Report

A duplicate of this report is filed as a Completion Report in the Archives.

- E. Geographic Names

On file with the Geographic Names Section.

Submitted by:


A. K. Heywood

Approved by:

Chief, Photogrammetric Branch

Chief, Photogrammetry Division

INFORMATION ON DISSEMINATION OF PROJECT MATERIAL

PH-6009

PASAPSCO RIVER AND BALTIMORE HARBOR, MARYLAND

NATIONAL ARCHIVES/FEDERAL RECORDS CENTER

CSI Cards

Field Inspected Photographs (NOS)

Project Completion Report

Form(s) 567 (Nonfloating Aids or Landmarks for Charts)

Form(s) 250 (Horizontal Angles)

BUREAU ARCHIVES

Registered Maps

Descriptive Reports

Bridging Photographs

Control Listings

REPRODUCTION DIVISION

Reduction negative of each map

LETTER TRANSMITTING DATA

DATE

12 January 1961

TO:

The Director
Coast and Geodetic Survey
Washington 25, D. C.

DATA AS LISTED BELOW WERE FORWARDED TO YOU BY (Check):

☐ ORDINARY MAIL☐ AIR MAIL☐ EXPRESS☐ REGISTERED MAIL☐ G. B. L. (Give number) _____**Personal Delivery**

DATA WERE FORWARDED (Date)

13 January 1961

(NOTE - A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or for transmitting accounting documents.)

FM- 6009 and 20,000-229
Horizontal Control Requirements

Single Lens Photos

No. 603 - 3198A thru 3205A
3234A thru 3241A
3308 thru 3318
3327 thru 3334
3343 thru 3346

1 Letter (Horizontal Control Report)
17 Form 152 - CBI Cards (1 sheet and 3 Form 25g attached to CBI Cards)
1 Form 523
6 Pages of "0" Book with Horizontal Angles
1 Form 470
1 Form 244
1 Abstract of "3 Point Fix"
2 Form 655a
1 Form 25g
1 Form 738
1 Form 709 (2 copies each)
25 Form 526 (2 copies each)

George F. Wirth, Chief of Party 723

General Delivery

Division or Party

Arnold, Maryland

Location

RECEIVED
THE ABOVE

NAME

TITLE

LETTER TRANSMITTING DATA

DATE

5 April 1961

TO:

The Director
Coast and Geodetic
Washington 25 D. C. Attn. 63

DATA AS LISTED BELOW WERE FORWARDED TO YOU BY (Check):

☐ ORDINARY MAIL☐ AIR MAIL☐ EXPRESS☒ REGISTERED MAIL☐ G.B.L. (Give number) _____

DATA WERE FORWARDED (Date)

5 April 1961

(NOTE - A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or for transmitting accounting documents.)

IS- 6077

Single Zone Fastos - Ratio

603- 32001 thru 32011
32071 thru 32111
3221 thru 3229
3241 thru 3244

3 Form 150- 501 Series

3 Form 214

5 Form 567 (4 copies each)

28 Form 516 (2 copies each)

2 Reports (2 copies T-11802 and 3 copies T-11801)

George F. Wirth (Signature)
Photo Party 729

General Delivery (Division or Party)
Annapolis, Maryland

Location

RECEIVED
THE ABOVE

NAME

TITLE

Plotted by _____ Date _____
 Checked by _____ Date _____
 MAP T. 11802 PROJECT NO. PH-6009

SCALE OF MAP

SCALE FACTOR

Pg. # 1 of 802

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR U. 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)
BREW, 1934	Pg 151	N.A. 1927	445,937.96 ✓ 923,252.33 ✓	13 - 5922 - 28, 1408 -			
NETT, 1934	Pg 150		443,113.18 ✓ 934,258.51 ✓ 442,733.53 ✓ 933,131.68 ✓	13 28 3848 - 13 4945 - 28 4419 -			
BYRD, 1933	Pg 20		439,966.15 ✓ 923,986.81 ✓	13 28 1632 -			
HELENA, 1934	Pg 151		438,366.77 ✓ 932,257.43 ✓	13 28 4153 -			
ARNOLD (MSFC) 1903	Pg 150		438,378.38 ✓ 932,253.35 ✓	13 28 3618 - 4151 -			
ARNOLD, R.M. (MSFC), 1903	Pg 290		436,790.05 ✓ 928,348.52 ✓	13 28 3134 - 2961 -			
POOLE, 1934	Pg 150		436,942.38 ✓ 934,743.33 ✓	13 28 3180 - 4910 -			
BIGAT, R.M. (MSFC), 1903	Pg 290		434,890.29 ✓ 932,110.14 ✓	13 28 4108 -			
BREWER, 1933	Pg 20		435,486.13 ✓ 932,597.88 ✓	13 28 4256 -			
BREWER, R.M. (MSFC), 1903	Pg 290		434,429.46 ✓ 935,403.75 ✓	13 28 2414 - 5112 -			
POINT (MSFC) ... 1903	Pg 150		432,865.15 ✓ 934,168.97 ✓	13 28 1938 - 4735 -			
ELEM, R.M. (MSFC), 1903	Pg 290						

1 FT. = 304.8006 METER
 COMPUTED BY: *SLD* DATE: 22 August 1961

CHECKED BY:

DATE

Plotted by _____
 Checked by _____
 Date _____
 MAP T. 11802 PROJECT NO. PH-6009

SCALE OF MAP _____
 SCALE FACTOR _____

pg 2 of 2 pg 2

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR U. 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)
SALT, R.M. (MSFC) 1903	Pg. 290	N.A. 1927	430, 958.96 ✓ 934, 681.84 ✓	13 28	1357 - 4892 -		
BAY, R.M. (MSFC) 1903	Pg. 290		437, 424.55 ✓ 927, 088.76 ✓	13 28	3327 - 2577 -		
BAY, (MSFC), 1903	Pg. 150		437, 447.54 ✓ 927, 095.75 ✓	13 28	3334 - 2579 -		
CHASE, R.M. (MSFC), 1903	Pg. 290		432, 324.23 ✓ 936, 461.66 ✓	13 28	1773 - 5434 -		
RIDGEWAY STANDPIPE 1933	Pg. 21		433, 916.00 ✓ 939, 487.00 ✓	13 28	2258 - 6356 -		
RIDGEWAY TANK 1933	Pg. 21		431, 148.88 ✓ 940, 241.38 ✓	13 28	1414 - 6586 -		
COOL, R.M. (MSFC), 1903	Pg. 290		430, 661.47 ✓ 938, 304.65 ✓	13 28	1266 - 5996 -		
JACQUELINE, 1932	Pg. 7		428, 500.82 ✓ 941, 137.81 ✓	13 28	0607 - 6859 -		
LUCE, R.M. (MSFC) 1903	Pg. 289		428, 847.74 ✓ 937, 199.37 ✓	13 28	0713 - 5659 -		
WEEMS, 1903	Pg. 7		427, 246.53 ✓ 939, 999.54 ✓	13 28	0225 - 6512 -		
BREWER, 1933	Pg. 7		434, 695.81 ✓ 931, 817.71 ✓	13 28	2496 - 4019 -		
Sub. Pt. A	Comp		435, 115.90 ✓ 932, 161.10 ✓	13 28	2684 4123 ✓		
BREWER, 1933	Comp						
Sub. Pt. B	Comp						