

10903 10904
10905

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-10903, T-10904, & T-10905
LOCALITY	
State	Maryland
General locality	Potomac River
Locality	Ironsides, Welcome, and Port Tobacco River
19 58 - 1961	
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

10903 • 10904
10905

DESCRIPTIVE REPORT - DATA RECORD

T- 10903, T-10904 & T-10905

Project No. (II): Ph-5901

Quadrangle Name (IV):

Field Office (II): Faulkner, Md.

Chief of Party: G. F. Wirth

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge: W. E. Randall

Instructions dated (II) (III): January 28, 1959
Ltr. from Ass't. Dir. 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): MHW

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (6) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III): HILLTOP, 1934

Lat.:

Long.:

Adjusted

~~102012524~~

Plane Coordinates (IV):

State: Maryland

Zone: --

Y= 301,533.78

X= 2,393,406.10

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-10903, T-10904 & T-10905

PLANIMETRIC

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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): G. F. Wirth, R. S. Tibbetts
and E. E. Brown

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): 1959 field inspection on
1958 photographs.

Projection and Grids ruled by (IV):)
Data not available
Projection and Grids checked by (IV):)

Date:

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

Planimetry
Stereoscopic Instrument compilation (III):
Contours

Date:

Date:

Manuscript delineated by (III): J. Y. Councill
Manuscript scribed by: J. C. Cregan

Date: 1/18/61

Date: 7/25/61

Photogrammetric Office Review by (III): R. Glaser

Date: 5/2/61

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): G. F. Wirth, R. S. Tibbetts,
G. 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): 1959 field inspection on
1958 photos.

Projection and Grids ruled by (IV): J. Keefer

Date: 6/2/60

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

Date:

Control plotted by (III): J. Steinberg
L. A. Senasack

Date: 6/30/60
9/20/60

Control checked by (III): J. Mooney
F. J. Tarcza

Date: 6/30/60
9/20/60

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

Date: 11/15/60

Planimetry
Stereoscopic Instrument compilation (III):
Contours

Date:

Date:

Manuscript delineated by (III): J. Y. Councill

Date: 12/14/60

Manuscript scribed by: J. C. Cregan

Date: 7/16/62

Photogrammetric Office Review by (III): R. Glaser

Date: 5/1/61

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

Date:

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): G. F. Wirth, R. S. Tibbetts
and 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): 1959 Field inspection on
1958 photographs.

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

Date: 5/16/60

Projection and Grids checked by (IV): (Data not available)

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

Date: 11/15/60

Control extension by (III): L. A. Senasack

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): J. Y. Council

Date: 11/23/60

Manuscript scribed by: J. C. Cregan

Date: 6/14/62

Photogrammetric Office Review by (III): R. Glaser

Date: 4/26/61

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

Date:

T-10903
DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): U. S. C. & G. S. nine-lens camera

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
57276 & 57277	5/22/58	11:19	1:10,000	0.1' above MLW
57345 thru 57347	5/23/58	12:48	"	0.1' " "

Tide (III)
From Predicted Tables

Reference Station: Washington, D. C.
Subordinate Station: Upper Cedar Point Lt, Md.
Subordinate Station: Riberside, Md.

Ratio of Ranges	Mean Range	Spring Range
-	2.9'	3.3'
0.41	1.2'	1.4'
0.38	1.1'	1.3'

Final
~~Washington Office~~ Review by (IV): *Baltimore District Office - R. Glaser*

Date: 2-28-63

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 13
Shoreline (More than 200 meters to opposite shore) (III): 6.3 mi.
Shoreline (Less than 200 meters to opposite shore) (III): 7.4 mi.
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 2 Recovered: 2 Identified: 2
Number of BMs searched for (II): None Recovered: Identified:
Number of Recoverable Photo Stations established (III): None
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

T-10904
DESCRIPTIVE REPORT - DATA RECORDU.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Camera (kind or source) (III): U. S. C. & G. S. nine-lens camera

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
57247 thru 57249	5/22/58	10:59	1:10,000	0.2 above MLW
57274 & 57275	"	11:19	"	0.1 " "

Tide (III)

From Predicted Tables

Reference Station: Washington, D. C.
Subordinate Station: Chapel Pt., Port Tobacco River, Md.
Subordinate Station: Upper Cedar Pt. Lt., Md.

Ratio of Ranges	Mean Range	Spring Range
	2.9'	3.3'
0.52	1.5'	1.7'
0.41	1.2'	1.4'

Final
~~Washington Office~~ Review by (IV): *Balta District Office - R. Glaser*

Date: 2-28-63

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 13

Shoreline (More than 200 meters to opposite shore) (III): 5.0 Mi.

Shoreline (Less than 200 meters to opposite shore) (III): 4.3 Mi.

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 2 Recovered: 2 Identified: 2

Number of BMs searched for (II): None Recovered: Identified:

Number of Recoverable Photo Stations established (III): None

Number of Temporary Photo Hydro Stations established (III): 1

Remarks:

T-10905
DESCRIPTIVE REPORT - DATA RECORDU.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

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

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
59-W-9576 - 9577	10/5/59	1353	1:10,000	0.5' above MLW
57250	5/22/58	1100	"	0.2' " "
57282 thru 57284	"	1145	"	0.1' " "

Tide (III)
From Predicted Tables

Reference Station: Washington, D. C.
Subordinate Station: Chapel Pt., Port Tobacco River, Md.
Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
	2.9'	3.3'
0.52	1.5'	1.7'

Final
~~Washington Office~~ Review by (IV): *Balto. District Office - R. Glaser*

Date: 7-28-63

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 11
Shoreline (More than 200 meters to opposite shore) (III): 13.2 mi.
Shoreline (Less than 200 meters to opposite shore) (III): 2.7 mi.
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 3 Recovered: 2 Identified: 2
Number of BMs searched for (II): None Recovered: Identified:
Number of Recoverable Photo Stations established (III): *
Number of Temporary Photo Hydro Stations established (III): 2

Remarks: * 5 previously established stations searched for of which one
was recovered. (Five Forms 524 submitted)

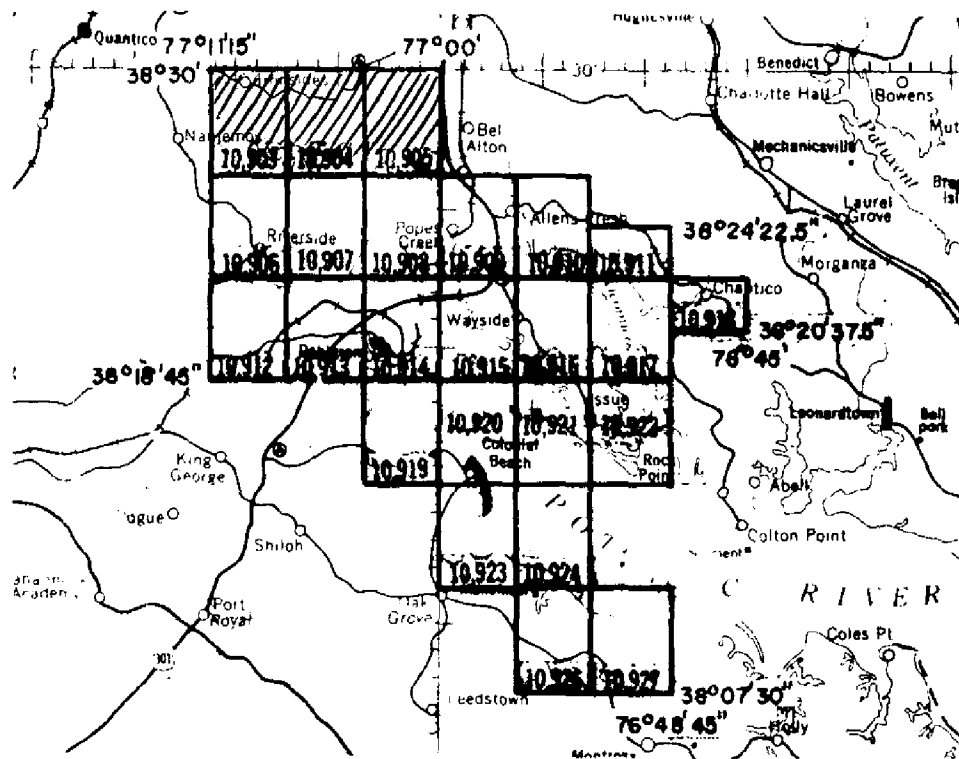
PROJECT PH-5901

Planimetric Mapping Scale 1:10,000

Potomac River Va.-Md.

Maryland Point to Wicomico River

5.



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-10903, T-10904 & T-10905

Planimetric maps T-10903, T-10904 and T-10905 are the most northerly of 24 similar maps and one Shoreline Survey in project Ph-5901. These maps cover Fort Tobacco River and the northern portion of Nanjemoy Creek. 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 area was covered by 9-lens photography of May 1958, supplemented by single lens "W" photography of 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, the establishment of recoverable photo-hydro stations, recovery and identification of horizontal control, recoverable topographic stations and landmarks. 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-10903, T-10904 and T-10905 will consist of a cronar film positive and cronar film negative of each scribed manuscript.

DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
WASHINGTON 25

IN REPLY ADDRESS THE DIRECTOR
COAST AND GEODETIC SURVEY
AND NOT THE OWNER OF THIS LETTER

AND REFER TO NO. 732-MS

12 September 1960

To: • Baltimore District Officer
Coast and Geodetic Survey
518 - 32nd St.
Baltimore 18, Maryland

Subject: Corps of Engineers Horizontal Control,
Project Ph-5901

There is enclosed one copy of positions and descriptions of horizontal control established in the Nanjemoy quadrangle by the Corps of Engineers in 1943. These are third-order positions according to the description pamphlet.

Personnel from your office shall recover and identify stations as required to strengthen radial plots for Project Ph-5901 in maps T-10903 through T-10905.

This office shall be advised immediately if subject control is not recovered so that adequate steps can be taken to prevent delaying work now in progress on project 20,000-829.

A copy of this letter shall be inserted in, and made a part of, the descriptive report of each effected map.

Charles Pierce

Charles Pierce
Rear Admiral, C&GS
Deputy Director

Enclosure

SCALE FACTOR 1.000

1 FT. = 3048006 METER	DATE	CHECKED BY	DATE	COMM. DC-57642
COMPUTED BY: H. R. Rudolph	6/22/60	J. Steinberg	6/24/60	

MAP T-10903

PROJECT NO. Ph-5901

SCALE OF MAP
1:10,000

SCALE FACTOR 1.000

[illegible]

1 FT. = .3048006 METER

COMPUTED BY: F. J. Tarcza

DATE 19 Sept. 1960

CHECKED BY: L. A. Senasack

DATE 19 Sept. 1960

COMM-DC-57843

MAP T-10904

PROJECT NO. Ph-5901

SCALE OF MAP 1:10,000

SCALE FACTOR.....1.000

[illegible]

11 FT. = .3048006 METER
COMPUTED BY: L.

ER
L. A. Senasack

DATE 16 Sept. 1960

CHECKED BY: F. J. Tarcza

DATE 16 Sept. 1960

COMM-DC-57843

COAST AND GEODETIC SURVEY
CONTROL RECORD

CONTROL RECORD

MAP T-10904 PROJECT NO. Ph-5901 SCALE OF MAP 1:10,000 SCALE FACTOR 1.000

[illegible]

1 FT. = .3048006 METER
COMPUTED BY: J

Steinberg

DATE 6/22/60

CHECKED BY: H. R. Rudolph

DATE _____

6/23/60

COMM-DC-57843

MAP T-10905

PROJECT NO. Ph-5901

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

SCALE FACTOR 1.000

[illegible]

1 FT. = .3048006 METER
COMPUTED BY: J

einberg

DATE 6/20/60

CHECKED BY: H. R. Rudolph

DATE 6/28/60

COMM-DC-57843

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

MAP T-10905 PROJECT NO. Ph-5901 SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR λ -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)
(58-S-5015) No. 1500	IM Strip 21	N.A. 1927	294,736.8				
1501	"	"	2,423,872.7				
			298,827.7				
1502	"	"	2,433,877.5				
			294,155.2				
1503	"	"	2,423,583.3				
			289,935.4				
(58-S-5014) 1400	"	"	2,412,830.1				
			285,468.0				
1401	"	"	2,427,689.4				
			290,987.8				
1402	"	"	2,440,390.2				
			284,652.0				
1403	"	"	2,427,105.2				
			285,332.3				
9302	"	"	2,416,106.4				
			286,943.9				
9102	"	"	2,412,404.5				
			293,268.8				
1404	"	"	2,422,815.8				
			287,024.4				
(58-S-590) 9000	IM Strip No. 17	"	2,433,449.9				
			296,733.90				
			2,428,907.50				

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

MAP T-10905 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)
9001	TM Strip No. 17	N.A. 1927	303,308.60				
9002	"	"	2,423,862.80				
			296,791.70				
9003	"	"	2,428,458.40				
			290,530.40				
			2,433,769.30				
(Sub Pt "A" Bel Alton)			292,094.20				
9004	"	"	2,430,543.10				
(Sub Pt "B" Bel Alton)			291,702.00				
9005	"	"	2,430,262.10				
(Tie Pt for Strip 21)			298,780.50				
9006	"	"	2,422,630.60				
(58-S-591)			292,834.50				
9100	"	"	2,423,280.80				
9101	"	"	300,340.50				
			2,418,419.10				
9103	"	"	286,345.10				
			2,427,220.40				
(Church Steeple - LMK)			294,261.80				1
9104	"	"	2,422,547.90				3
(HYDRO SILO)			289,964.20				1
9105	"	"	2,425,559.90				
(58-S-592)			288,978.90				
9200	"	"	2,418,017.50				

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.

An area at the head of Port Tobacco River (T-10905) was shown by the field party as being under construction - the construction consisting of housing and canals. The hydrographic party is being requested to complete this inspection.

32. CONTROL

The identification and placement of the control which was available was satisfactory.

Additional horizontal control was identified as per letter from the Deputy Director dated 12 September 1960, a copy of which is part of this report.

After this additional identification was made, the control density is considered adequate, though minimal.

33. SUPPLEMENTAL DATA

Geographic name sheets prepared on U.S.G.S. Mathias Point and Nanjemoy 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, although reinterpreted in some areas where there was more recent photo coverage, was considered adequate.

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

36. OFFSHORE DETAILS

No comment.

37. LANDMARKS AND AIDS

Forms 567 are herewith submitted for one Landmark for charts and one Landmark for Aeronautical Charts

38. CONTROL FOR FUTURE SURVEYS

Form 524 is herewith submitted for one (1) previously established recoverable topographic station which was recovered. In addition, four (4) Forms 524 are submitted for previously established stations which could not be recovered.

A list of recoverable topographic stations and photo-hydro stations is included in item 49.

39. JUNCTIONS

Junctions have been made and are in agreement between these three surveys. Junctions have also been made and are in agreement between this unit and T-10906, T-10907 and T-10908 to the south. There are no contemporary surveys to the north, east and west.

40. HORIZONTAL AND VERTICAL ACCURACY

No comment.

41. thru 45

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

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

U.S.G.S. Nanjemoy, Md. quadrangle, scale 1:24,000, dated 1954.

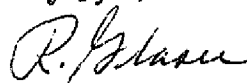
47. COMPARISON WITH NAUTICAL CHARTS

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.

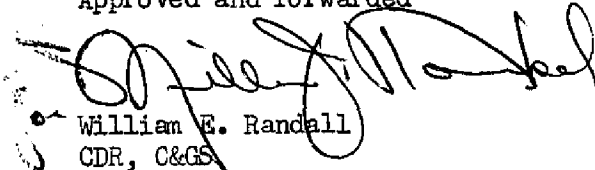
Items to be carried forward: None.

Respectfully submitted
May 3, 1961



R. Glaser
Carto. (Photo.)

Approved and forwarded



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

T-10903, T-10904, T-10905

Addenda to Descriptive Report

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

T-10903

61-S-2209 thru 2212

T-10904

61-S-2206 thru 2209
61-S-3289 and 3290

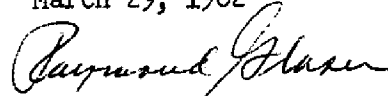
T-10905

61-S-2081 and 2082
61-S-2163 thru 2166
61-S-3257
61-S-3299 thru 3301

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

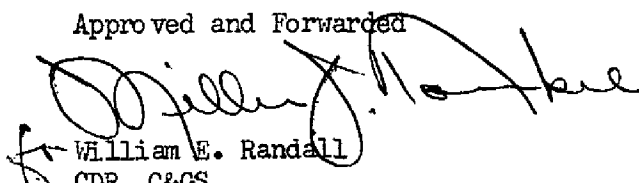
The centers of the photos have been shown on the manuscript with dashed circles.

Respectfully submitted
March 29, 1962



Raymond Glaser
Carto. (Photo.)

Approved and Forwarded



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

5-3-61

PHOTOGRAMMETRIC OFFICE REVIEW

T-10903, T-10904 & T-10905

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 ☒ 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. 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:

Review Report T-10903, T-10904 & T-10905
PLANIMETRIC
February 28, 1963

61. GENERAL STATEMENT

See Summary accompanying Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

T-10903:		
2635	1:20,000	1902
T-10904:		
2635	1:20,000	1902
T-10905:		
861	1:20,000	1862
2635	1:20,000	1902

T-10903, T-10904 and T-10905 supersede the above prior surveys for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

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

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

The manuscripts were compared with a copy of boat sheet H-8705, 1:10,000, 1962.

T-10903:

The manuscript and boat sheet were in good agreement except:

Soundings on the boat sheet appear to be shifted too close to a low-water area and a small islet at Lat. 38° 26.9' - Long. 77° 09.2' on the manuscript. Neither the islet nor the low-water line were delineated on the boat sheet.

T-10904:

The manuscript and the boat sheet are in very good agreement.

T-10905:

Only one disagreement between the manuscript and the boat sheet was noted. A foul area delineated on the manuscript in Goose Creek is not reflected on the boat sheet. Field inspection on nine-lens photograph 57250 showed this feature as "old piling scattered in area."

65. COMPARISON WITH NAUTICAL CHARTS

559 1:40,000 5th Edition 10/17/60 Corrected 10/29/60

T-10903:

A number of piers shown on the manuscript do not appear on the chart.

The configuration of the shoreline is in fair general agreement, but many small differences are evident.

T-10904:

A boat house, a bulkhead, and a number of piers shown on the manuscript are not on the chart.

T-10905:

The manuscript shows considerable change at the head of Port Tobacco River where a new marina is under construction.

A 10 to 15 foot bluff at Brentland is not shown on the chart.

A number of piers on the manuscript are not on the chart.


Pier ruins at Chapel Point and Fourth Point are not shown on the chart.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

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

Future surveys should check the adequacy of representation of the marina at the head of Port Tobacco River which was under construction at the time of the July 1961 photography. (See T-10905)

Reviewed by:

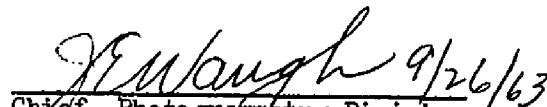

R. Glaser

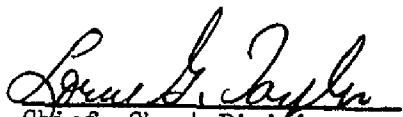
Approved by:



Baltimore District Officer

Approved by:


Chief, Review Section

 9/26/63
Chief, Photogrammetry Division


Chief, Chart Division
Nautical


Chief, Operations Division

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEYAERONAUTICAL
NONFLIGHTING AIDS/908 LANDMARKS FOR CHARTS

TO BE CHARTED

STRIKE OUT TWO

~~TO BE REVISED
TO BE DELETED~~

Baltimore, Maryland 3 May 1961

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

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

William E. Randall Chief of Party

MARYLAND				POSITION						METHOD OF LOCATION AND SURVEY	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	LATITUDE *		LONGITUDE *		DATUM							
				D. M. METERS	"	D. M. METERS	"								
	LOOKOUT TOWER	Hilltop Lookout Tower, 1957 Ht=139.6 (298) tip of antenna MSL		38 29	27.93 861	77 06	02.25 55	N.A. 1927	T-10904 Triang.	3 Dec. 1959	X				Washington Sectional

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

TO BE CHARTED

~~TO BE REVISED~~
~~ADDED/DELETED~~

STRIKE OUT TWO

~~NONFLUORATING AIDS FOR~~ LANDMARKS FOR CHARTS

Baltimore, Maryland

April

19 61

I recommend that the following objects which have ~~been~~ been inspected from seaward to determine their value as landmarks be charted on ~~charts~~ the charts indicated.

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

William E. Randall										Chief of Party.					
STATE	MARYLAND	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY	DATE OF LOCATION	CHARTS AFFECTED		
					LATITUDE*		LONGITUDE*		DATUM	HARBOR CHART			INSHORE CHART	OFFSHORE CHART	
					D. M. METERS	"	D. M. METERS	"							
SPIRE			St. Ignatius Ch. Steeple, Ht=95 ft. (236) White wooden spire, brick church			38	27	55.39	77	01	27.10	N.A.	11/13/59	X	559
								1708			657	1927			

William E. Randall Chief of Party

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

48. Geographic Names List

Barn Cove
Boot Creek
Brentland
Burgess Creek

Cedar Point Neck
~~Chapel Point~~
Deep Point

Fourth Point

Goose Creek
Gumtree Cove

Hill Top
Hill Top Fork

Ironsides

Kings Creek

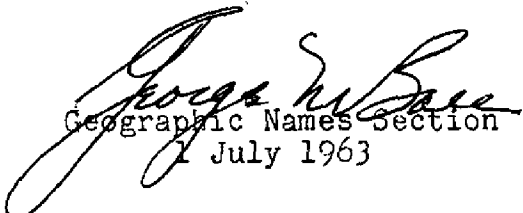
Maryland State Game Refuge
McConchie
Mill Run

Nanjemoy Creek

Port Tobacco River
Potomac River

Tayloe Neck


Wards Run
Warehouse Point
Welcome
Wills Branch
Windmill Point


Geographic Names Section
1 July 1963

NOTES TO VERIFIER
Ph-5901
T-10903 & T-10905
Boat Sheet No. H-8705
February 1963

T-10903:

Soundings on the boat sheet appear to be shifted too close to a low-water area and a small islet at Lat. $38^{\circ} 26.9'$ Long. $77^{\circ} 09.2'$ on the manuscript. Neither the islet nor the low-water line were delineated on the boat sheet.


R. Glaser
Review and Edit

