10912 10913

Original

10913 10912

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-10912 and T-10913

LOCALITY

State: Virginia - Maryland

General locality: Potomac River

Locality: Metomkin Point and Owens

19 58 - 1959 61

CHIEF OF PARTY

George F. Wirth, Photo Party - 723

W. E. Randall, Baltimore District Officer

LIBRARY & ARCHIVES

DATE 1962

USCOMM-DC 5087

F- 10912

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation completed	5/22/61	Superseded
Shoreline and alongshore details revised from August 1961 photos.	3/19/62	Supersedes all previous copies.

REPRODUCTION LOG

T-10913

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation completed	5/25/61	Superseded
Shoreline and alongshore details revised from Aug. 1961 photographs	3/8/62	Supersedes all previous copies.

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

T-10912 & T-10913

PROJECT NO. (II):
Ph-5901

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): 1/28/59
5/15/59
6/13/59

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):
METOMKIN 3, 1928

LAT.: 38° 22' 02.009"

LONG.: 77° 08' 19.703"

[X] ADJUSTED
[ ] UNADJUSTED

PLANE COORDINATES (IV):
y = 258,006.77 ft. x = 2,390,261.60

STATE
VA

ZONE
N

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)

T-10912

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (II): G. F. Wirth, J. E. Tolodziecki	DATE: June 1959 thru December 1959
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): 1959 inspection, 1958 photographs	
PROJECTION AND GRIDS RULED BY (IV): J. Keefer	DATE 5/25/60
PROJECTION AND GRIDS CHECKED BY (IV): (not indicated)	DATE (unknown)
CONTROL PLOTTED BY (III): J. Steinberg	DATE 7/5/60
CONTROL CHECKED BY (III): J. Mooney	DATE 7/5/60
RADIAL PLOT BY (III): L. A. Senasack	DATE 10/11/60
STEREOSCOPIC INSTRUMENT COMPILATION (III): PLANIMETRY	DATE
CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): L. A. Senasack	DATE 12/13/60
SCRIBING BY (III): B. Wilson and J. C. Cregan	DATE 7/6/62
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. Glaser	DATE 5/22/61

REMARKS:

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

T-10913

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (II): G. F. Wirth, J. E. Tolodziecki	DATE: May and June 1959
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): May 1958 (date of photography). Field inspection May and June 1959 supplemented by office interpretation.	
PROJECTION AND GRIDS RULED BY (IV): J. Keefer	DATE 5/25/60
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 [redacted] BY (III): L. A. Senasack	DATE 10/11/60
STEREOSCOPIC INSTRUMENT COMPILATION (III): PLANIMETRY	DATE
CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): L. A. Senasack	DATE 1/4/61
SCRIBING BY (III): J. C. Cregan	DATE 6/27/62
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. Glaser	DATE 5/25/61

REMARKS:

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

T-10912

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III): U.S.C. & G. S. "S" and "W" single lens

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
58-S-4983 thru 4985	6/14/58	1529	1:10,000	0.9' above MLW
58-W-599 and 600	5/2[illegible]/58	1400	"	0.1' " "
59-W-9561	10/5/59	1332	"	0.2' " "
58-W-578	5/22/58	1343	"	0.1' " "
Single lens	1961			

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Washington, D. C.		2.9'	3.3'
SUBORDINATE STATION: Riverside, Maryland	0.38	1.1'	1.3'
SUBORDINATE STATION:			

WASH~~INGTON OFFICE~~ FINAL REVIEW BY (IV): BALTO. DISTRICT OFFICE - R. Glaser — DATE: 4/2/63

PROOF EDIT BY (IV): — DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 5* — RECOVERED: 3 — IDENTIFIED: 3

NUMBER OF BM(S) SEARCHED FOR (II): None — RECOVERED: — IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): None

REMARKS:

*Includes 3 stations west of project limits.

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

T-10913

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III): U.S.C. & G. S. nine-lens and "S" single Lens.

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
58-S-4981 & 4982	6/14/58	1529	1:10,000	0.9' above MLW
57340 thru 57342	5/23/1958	1246	"	0.1' " "
single lens	1961			

TIDE (III)

		RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION:	Washington, D. C.		2.9'	3.3'
SUBORDINATE STATION:	Dahlgren, Upper Machodoc Creek	0.55	1.6'	1.8'
SUBORDINATE STATION:	Riverside, Maryland	0.38	1.1'	1.3'

WASH~~INGTON OFFICE~~ FINAL REVIEW BY (IV): BALTO. DISTRICT OFFICE - R. Glaser — DATE: 4/2/63

PROOF EDIT BY (IV): — DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 1 — RECOVERED: 1 — IDENTIFIED: 1

NUMBER OF BM(S) SEARCHED FOR (II): none — RECOVERED: none — IDENTIFIED: none

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): none

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): 1

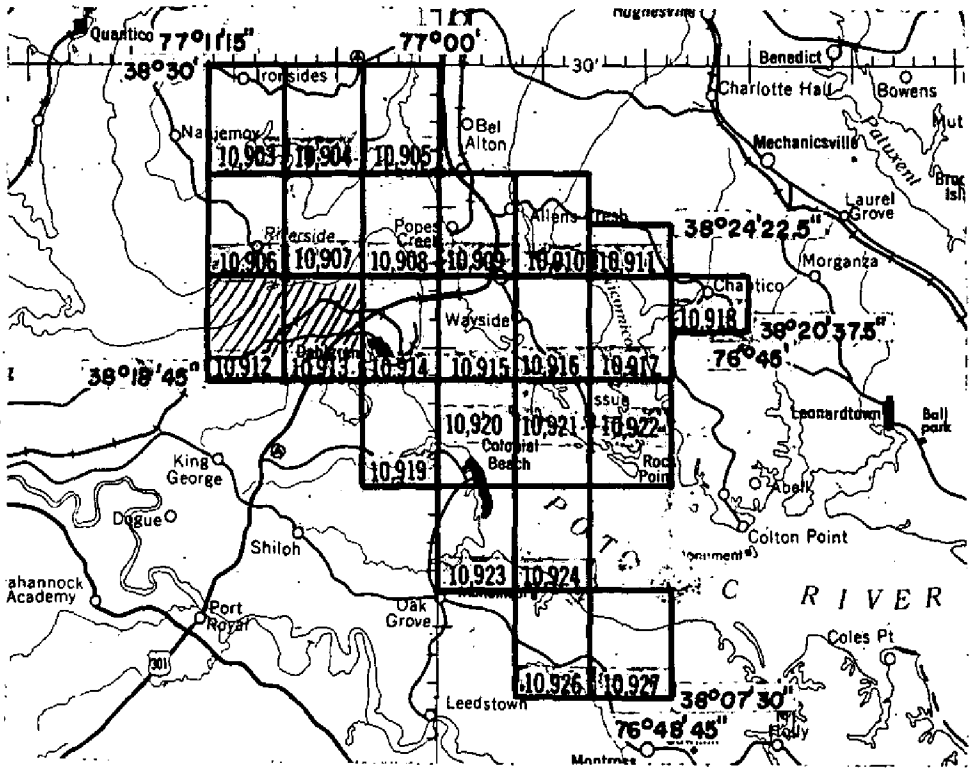
REMARKS:

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 Report

T-10912 & T-10913

Planimetric maps T-10912 and T-10913 are part of Project Ph-5901 which consists of 24 planimetric maps and one shoreline survey. These maps cover a portion of the Virginia shore of the Potomac River and include Somerset Beach, Metomkin Point, Stuart Point, Chotank Creek and a small section of the Maryland shore on the north 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 nine-lens photography of May 1958, single lens "S" photography of June 1958 and "W" photography of May 1958 and October 1959. These were supplemented by "S" photographs 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, recovery and identification of horizontal control and establishment of one photo-hydro station. 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-10912 and T-10913 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
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T-10912 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)
MARYLAND 2, 1901	VA-Coord N.zone p. 21	NA 1927	255,104.37	w. of survey						
			2,370,605.59							
Sub. Pt. A MARYLAND 2, 1901	Comp.	"	255,069.98							
			2,370,565.26							
Sub. Pt. B MARYLAND 2, 1901	"	"	255,110.57							
			2,370,621.96							
METOMKIN 3, 1928	VA-N		258,006.77							
	p. 46	"	2,390,261.60							
Sub. Pt. 1 METOMKIN 3, 1928	Comp.	"	258,027.43							
			2,390,252.43							
Sub. Pt. 2 METOMKIN 3, 1928	"	"	258,046.38							
			2,390,345.74							
BOUNDARY MON. NO. 34, 1929	VA-N		257,946.70							
	p. 47	"	2,390,258.01							
WHEAT 3, 1928	VA-Coord N.zone p. 21		249,303.51							
		"	2,381,168.48							
MD. PT. LIGHTHOUSE, 1928	"		251,329.00	w. of survey						
	p. 23	"	2,373,413.76							

1 FT. = .3048006 METER

Listed ~~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-10912 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)
(58-S-4985) 8500	I.B.M. strip No. 19	N. A. 1927	240,997.40	W. of survey			
			2,367,583.00				
8501	"	"	239,354.00	W. of survey			
			2,368,103.30				
8502	"	"	239,845.10	W. of survey			
			2,368,121.60				
8503	"	"	229,903.60	S. W. of survey			
			2,368,744.80				
(58-S-4984) 8400	"	"	243,456.80				
			2,378,091.80				
8401	"	"	257,506.40				
			2,376,643.50				
8402	"	"	244,013.70				
			2,378,332.50				
8403	"	"	230,623.90	S. of survey			
			2,380,481.90				
0106	"	"	251,312.90	W. of strip			
			2,373,409.60	common with strip No.	17		
0105	"	"	255,053.60	W. of survey			
			2,370,561.30	common with strip No.	17		
0104	"	"	255,097.60	W. of survey			
			2,370,612.50	common with strip No.	17		
8404	"	"	255,095.90	W. of survey			
			2,370,620.20				

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- 10912 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)
(58-S-4983) 8300	I.B.M. Strip No. 19	N.A. 1927	246,033.10							
			2,388,852.90							
8301	"	"	256,070.50							
			2,387,967.80							
8302	"	"	245,811.80							
			2,389,365.70							
8303	"	"	234,387.40							
			2,392,100.50							
8204	"	"	258,027.40							
			2,390,252.30							
8205	"	"	258,040.30							
			2,390,344.00							
8209	"	"	258,079.80							
			2,390,336.80							
9903	I.B.M. Strip No. 17	"	259,392.70							
			2,379,289.60							

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-10913 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)
STUART 3, 1928 R. M.	Comp.	N.A. 1927	258,276.09 / 2,396,857.14				
Sub. Pt. No. 1 STUART 3, 1928 R. M.	"	"	258,387.72 / 2,397,227.48				
Sub. Pt. No. 2 STUART 3, 1928 R. M.	"	"	257,762.08 / 2,396,825.22				
CHOTANK, 1943 (B of U)	VA N zone p. 97	"	258,648.46 / 2,401,803.96				
ASHTON, 1941 (NPG)	VA. Coord N zone p. 97	"	253,352.22 / 2,408,304.76				
MCDANIELS 2, 1954	" p. 45	"	244,796.55 / 2,395,484.30				

1 FT. = 3048006 METER

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

COMM-DC-5784

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT

COAST AND GEODETIC SURVEY
CONTROL RECORD

MAP T-10913 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)
0201	I.B.M. Strip No. 20	N.A. 1927	234,600.30	S. of survey						
			2,406,344.30							
0101	"	"	247,800.60							
			2,405,297.10							
(58-S-4982) 8200	" No. 19	"	248,964.80							
			2,400,031.30							
8201	"	"	258,456.50							
			2,397,777.90							
8202	"	"	246,955.90							
			2,400,023.10							
8206	"	"	258,383.00							
			2,397,226.70							
8207	"	"	257,758.30							
			2,396,824.60							
8208	"	"	258,294.00							
			2,397,078.40							
(58-S-4981) 8100	"	"	251,678.80							
			2,410,921.70							
8203	"	"	236,018.10	S. of survey						
			2,402,212.50							

1 FT. = .3048006 METER

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

COMM-DC-5784

COMPILATION REPORT

T-10912 & T-10913

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 the Virginia area is part of the combined Descriptive Report T-10926 and T-10927; for the Maryland area, see combined Descriptive Report T-10921 and T-10922.

31. DELINEATION

These manuscripts were compiled by the graphic method.

32. CONTROL

The identification, density and placement of horizontal control was adequate. If triangulation stations CASH, 1934 (S.W. of project limits) and MCDANIELS 2, 1954 had been identified, the strength and accuracy of this portion of the radial plot would have been improved.

33. SUPPLEMENTAL DATA

1. Geographic name sheets prepared on the U.S.G.S. King George and Dahlgren quadrangles, approved by L. Heck and dated 10/10/60.

2. Official 1961 Virginia Highway map was used to correct conflicting field inspection data regarding highway numbers.

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 concealed under dense foliage. Field inspected drainage was checked against the 1955 U.S.G.S. quadrangles and was accepted only where it did not violate the contours. The balance of the drainage was office interpreted using the quadrangles as a guide.

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

None.

38. CONTROL FOR FUTURE SURVEYS

One photo-hydro station, CHIM was established and is listed in item 49.

The field party failed to comply with the project instruction which requires a recoverable triangulation station or a recoverable topographic station about every two miles in the area southwestward from Metomkin Point (T-10912), or in the area northeastward from Stuart Point (T-10913).

39. JUNCTIONS

Junction has been made and is in agreement between these two surveys. Junction has also been made and is in agreement between this unit and:

T-10906 and T-10907 to the north
T-10914 to the east
Shoreline Survey T-12129 to the south of T-10913
No contemporary survey to the west and south of T-10912

40. HORIZONTAL AND VERTICAL ACCURACY

No comment

41. thru 45.

Inapplicable.

46. COMPARISON WITH EXISTING MAPS

T-10912: U.S.G.S. King George, Va.-Md. quadrangle, scale 1:24,000, dated 1955.
T-10913: U.S.G.S. Dahlgren, Va.-Md. quadrangle, scale 1:24,000, dated 1955.

47. COMPARISON WITH NAUTICAL CHARTS

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

Items to be applied to nautical charts immediately: None.
Items to be carried forward: None.

Approved and forwarded

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

Respectfully submitted
May 29, 1961

R. Glaser

R. Glaser, Carto. (Photo.)

T-10912 & T-10913

Addenda to Descriptive Report

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

T-10912

61-S-2091 thru 2093
61-S-3305 " 3309

T-10913

61-S-2908
61-S-3266 thru 3268
61-S-3303 thru 3305

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

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

Respectfully submitted
March 19, 1962

R. Glaser

R. Glaser
Carto. (Photo.)

Approved and Forwarded

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

5-29-61

FORM 182
(6-12-56)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

PHOTOGRAMMETRIC OFFICE REVIEW

T-10912 & T-10913

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) X 7. Photo hydro stations ✓ 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 X 17. Landmarks X 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 ✓ 30. Other cultural features ✓

BOUNDARIES

31. Boundary lines X 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-10912 & T-10913

Planimetric

March 29, 1963

61. GENERAL STATEMENT

See Summary accompanying Descriptive Report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS

T-10912:

861	1:20,000	1862
863	1:20,000	1862
864	1:20,000	1862
2636	1:20,000	1934

T-10913:

861	1:20,000	1862
2635	1:20,000	1902
2636	1:20,000	1934
8541	1:20,000	1942, 1943

T-10912 and T-10913 supersede the above prior surveys for nautical chart construction.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

U.S.G.S. King George, Va.-Md.	1:24,000	1955
U.S.G.S. Dahlgren, Va.-Md.	1:24,000	1955

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

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

T-10912:

A foul area on the manuscript, delineated from field photo 59-W-9561 at Latitude 38° 22.5' Longitude 77° 10', is not shown on the boat sheet

T-10913:

The manuscript and the boat sheet are in good agreement.

H-8703	1:10,000	1961 (Boat sheet)

T-10913:

The boat sheet covers only a small portion of the shoreline on the manuscript.

In the vicinity of Lat. 38° 19' Long. 77° 03.8', the shoreline of Upper Machodoc Creek on the boat sheet is incorrectly shown. The shoreline on the manuscript was delineated using 9-lens photograph 57339 with minor revisions drawn from photo. 61-S-2908.

65. COMPARISON WITH NAUTICAL CHARTS

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

T-10912:
Several piers delineated on the manuscript are not shown on the chart.

A number of charted bluffs do not appear on the manuscript.

T-10913:
The manuscript shows a marine railway which is not charted.

Three charted piers in the area of Stuart Point are not shown on the manuscript.

Several bluffs shown on the chart are not delineated on the manuscript.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

The surveys comply with instructions and meet the National Standards of Map Accuracy. Except as noted in item 38 on page 12

Future surveys should resolve discrepancies that ~~may~~ exist between the current nautical chart and these surveys with respect to the portrayal of those bluffs which are of importance to navigation.

Reviewed by

R. Glaser

R. Glaser

Approved by

Baltimore District Officer

Approved by

L. C. Landy

Chief, Review Section

Chief, Nautical Chart Division

J. E. Waugh 10/15/63

Chief, Photogrammetry Division

Chief, Operations Division

T-10912 & T-10913

48. Geographic Name List

Amber

Berthaville
Burgess Airfield

Chotank Creek

Deep Creek

Hooes

Metomkin Point

Owens

Pepper Mill Creek
Potomac River

Somerset Beach
Stuart Point
Stuart Wharf

Upper Machodoc Creek

Williams Creek

Geographic Names Section
28 June 1963

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

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-10912 & 10913

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
			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
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FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-978.

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