

CH 534: examined & defend; 4-20.64 7.8. Faculto

Cht 605-50 [fully applied 8-8-66 7. B. Pau

CHART 12225 - fully applied After very futer 11-07.10 TS (CONSIDERED FULLY APPLIED)

DATA RECORD T-9898 T-11052

Project No. (II):

Ph-101

Quadrangle Name (IV): None

Field Office (II):

Chief of Party:

Photogrammetric Office (III):

Washington, D.C.

Officer in Charge: Louis J. Reed, Chief, Stereoscopic Mapping Branch

Copy filed in Division of Photogrammetry (IV)

Instructions dated (II) (III):

Method of Compilation (III): Stereoplanigraph

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): 1:15,000

Scale Factor (III): Photo::Inst::Manuscript = 24,000::15,000::10,000

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 10 Feb 1958

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): NA 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):

Lat.:

Long.:

Adjusted

XXXXXXXXXXX

Plane Coordinates (IV):

State:

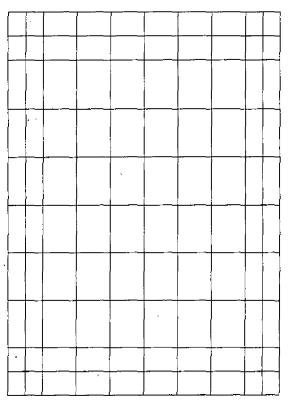
Zone:

No Grid

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 T- Page 1



Areas XXIII Property of the Areas XXIII Property of the Areas (Show name within area)

Bridging and compilation done entirely on the Stereoplanigraph by the team of:

Morton Keller and Ivan R. Jarrett

DATA RECORD

Field inspection by (II): None Date: Date: Planetable contouring by (II): Date: Completion Surveys by (II): Mean High Water Location (III) (State date and method of location): MHWL is dated Oct 1952, the date of the photography from which it was delineated. The photos were taken at high tide and the delineation was done en the Stereoplanigraph with this fact in mind. Projection and Grids ruled by (IV): Jack Allen on the Reading Ruling Machine 24 Mar 53 Projection and Grids checked by (IV): Date: 25 Mar 53 Howard D. Wolfe Control plotted by (III): Date: Graphic Compilation Section 20 May 53 (Hanovich and Ramey) Graphic Compilation Section Control checked by (III): 20 May 53 (Ramey and Hanovich) BerlintyPloxer Stereoscopic 23 Jun 53 Morton Keller and Control extension by (III): Ivan R. Jarrett Morton Keller Date: delineati Stereoscopic Instrument Shoreline and 15 Jul 53 Ivan R. Jarrett Date: **GERTRUCK** Manuscript delineated by (III): Henri Lucas Date: 14 Jul 53 Photogrammetric Office Review by (III): Louis J. Reed Date: 15 Jul 53

Form T-Page 3

Elevations on Manuscript

checked by (II) (III):

M-2618-12(4)

Date:

(Metrogon) PHOTOGRAPHS (III) Stage of Tide Time Scale Number Date 1862 thru 1868 ***... 1884 1030 EST! thru 13 Oct 52 24,000 1.0ft above MLW 1892 1919 thru 1926 1946 Tide (III) 1947 Ratio of Mean | Spring Ranges Range Range Reference Station: 2.5 Hampton Roads Subordinate Station: Horse point, Piankatank River Subordinate Station: Washington Office Review by (IV): Date: Date: Final Drafting by (IV): Date: Drafting verified for reproduction by (IV): Date: Proof Edit by (IV): Land Area (Sq. Statute Miles) (III): 20 sq m1 Shoreline (More than 200 meters to opposite shore) (III): 66 miles Shoreline (Less than 200 meters to opposite shore) (III): Control Leveling - Miles (II): Identified: Recovered: 15 Number of Triangulation Stations searched for (II): Number of BMs searched for (ii): Recovered: Identified: Number of Recoverable Photo Stations established (III):

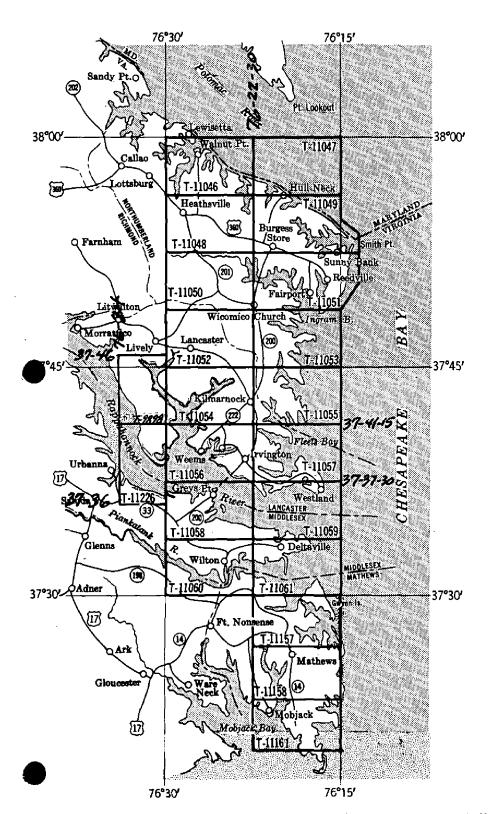
Camera (kind or source) (III): USC&GS Cartographic (O) Camera, Wide angle, f = 6"

Number of Temporary Photo Hydro Stations established (III):

Remarks:

SHORELINE MAPPING PROJECT PH-101

VIRGINIA - CHESAPEAKE BAY, Potomac River to Piankatank River



OFFICIAL MILEAGE FOR COST ACCOUNTS

Sheet	٠.	Lin. Miles
No.	Area	Shoreline
T-11046	11	40
T-11047	, 2 , ,	5
T-11048	, . 2	4
T-11049	12	20
T-11050	4	11
T-11051		
T-11052	1	3
T-11053		
T-11054	,7,	28
T-11055	8	35
T-11056	8	34
T-11057	7	35
T-11058	8	2 2
T-11059	4	18
T-11060	9	28
T-11061	5	21
T-11157	20	35
T-11158	25	15
T-11161	10	25
T-11226	115	21
TOTALS	179	463

Compiled at 1:10,000 scale from nine-lens photographs (1:20,000 scale) and single-lens photographs (1:24,000 scale) taken October 1952, (Refer to Air-Photo Index 134-B)

1. Preface:

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Field Inspection Report

2-20:

The only field inspection consisted of identifying by substitute station of flagging a portion of the control stations used, as follows:

CONTROL STATION FLAGGED SUB STA DIRECT ************************************
TOWLES 3, 1942 X
ORCHARD 3, 1942 X
PON, 1953 (Topo Sta) X
CHERRY 3, 1944
WHITE STONE ME CH SPIRE, 1942 X
SLATERS RM No.1, 1942 X
KILMARNOCK MUN W T; 1942X
BM 18, 1944 (USGS)X
ВМ Н 270, 1944 Х
вм J 270, 1944 X
вм к 270, 1944 х
PP 6F, 1944 (Trav.) X
PP 7F, 1944 (Trav.) X

RADIAL PLOT REPORT

Also see radial plat
report for T-11060
Plot prior to this bridge

21. Area Covered:

This plot covers the shoreline falling within the borders of T-11052, T-11054, T-11056, T-11226, and T-9898, without the river line falling on T-9898.

22. Method:

Rather than by radial plot, the control in this project was bridged on the Stereoplanigraph No. 61639. Bridging consists of holding to control in one end of a flight, setting up and tieing together successive models until the final model having control is reached, and then graphically adjusting the error of closure thruout the strip. The Bhoto & Control Sketch shows the arrangement of the three existing flights and control stations.

Control was plotted on the vinylite manuscripts and transferred by direct picking to other vinylite sheets

which were used for bridging purposes.

The center flight was bridged first using diapositives 52-0-1919 thru 1926. The north model was oriented to PP-7F, EM-H-270, 1944, and BM-J-270, 1944, and bridged south to ORCHARD 3, 1942 and POND, 1953. When adjusted to hold both end models (controlled), SLATERS RM No.1, 1942, in the center of the flight, did not hold; it plotted 0.7mm north of its GP position. The flight was readjusted to hold this station by adjusting both ways from it to the end models.

The east flight was bridged next using 52-0-1862 thru 1868 and 1946. It was started on the north end holding to control points BM-K-270,1944 and BM-18(USGS),1944, and terminated on SS CHERRY 3,1942 and POND, 1953 in the south model. Part way down the flight, station KILMARNOCK MUN. W. T., 1942, fell on the very edge(eastern) of a model where it could not be reliable; nevertheless, it held to within about 0.5mm. After adjustment of this flight, common pass points with the central flight agreed to within a maximum of 0.3mm; a midpoint was selected for the final positions.

The west flight was bridged last beginning with the base model at the south end of flight 52-0-1884 thru 1892. The base model was held by TOWLES 3,1942, SS OLD HOUSE(VFC), 1919, and a pass point from the central flight; the end or tie model on the north end was controlled by PP-7F,1944, and PP-6F,1944. SLATERS RM No.1,1942, fell in the center of this flight also, and like the case of the central flight, when the adjustment had been made the bridged position fell 0.5mm south of its GP position. A double readjustment was made to make SLATERS hold; the readjustments extended both ways from the station to the controlled end models. A maximum discrepancy of 0.8mm resulted in the common pass points between the west and central flights, but midpoints were selected for the final positions.

23. Adequacy of Control:

Under normal conditions sufficient control was available for adequate bridging of this project, but conditions were not normal in that all the control could not be held. This assumes that identification was positive, which is verified in the cases of groups of control, and which should be true in the cases of flagged stations. The doubt seems to lie with SLATERS (flagged) which refused to agree with control to the north and south of it. The error could be in the north or south groups of control, but in either case this would mean an equal error in each of several points, which is not quite reasonable. On the other hand SLATERS was flagged, and if it is out in position all the others should be also since they are all in the same control network. In conclusion, it is felt that something is not quite right about the control in this project but where or what it is just can not be pointed out at this time. It is suggested that the flight of 1953 9-lens/photograph coeffaid into a plot of this area; their tremendous coverage should aid in pin-pointing the trouble.

24. Supplemental Data: No graphic control surveys were used.

25. Photography:

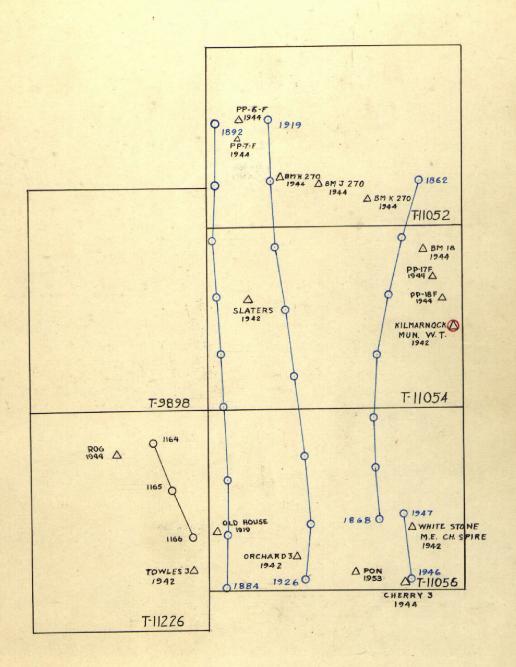
Diapositives and photography met normal specifications. No coverage was available for the river shoreline crossing T-11226 and T-9898, but it is expected that a portion of it will be available later at which time the portion of the shoreline covered will be added by graphic compilation.

Stanley W. Trow, Chief, Single Lens Plotter Section

Stereoscopic Mapping Branch

Photogrammetric Engineer

PHOTO & CONTROL SKETCH CHESAPEAKE BAY



- A CONTROL USED
- O CONTROL NOT USED
- O PHOTO CENTERS
- O PHOTOS (Graphic)

MAP T- 11052	25	PROJE	PROJECT NO. Ph-101	SCALE OF MAP 1:	1:10,000	SCALE FACTOR	>R ❤
STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR V-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE N.M. METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
вм н 270, 1944	779	NA 1927	37 46 09.769 76 27 51.309			301.2 1548.6	
BM J 270,	779	=	37 46 04.964 76 26 48.528			153.0 1696.8	
вм к 270, 1944	779	=	37 45 49.988 76 25 30.458			1541.1 308.7 745.5 723.1	
ትቱ 6 F 1941	Trav.	=	37 47 10.54 76 28 31.24			325.0 1524.8 764.4 703.8	
PP 7 F 1944	Trav.	=	37 46 58.67 76 28 28.47			1808.9 40.9 696.7 771.5	
							Pa
							36

STATION SO	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	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)
вм 18 (USGS), 1944	622	NA 1927	37 44 35.669 76 23 51.11			1099.7 750.1 1251.4 217.6	
SLATERS RM No.1	1 1	æ	37 43 76 28			1102.6	1288.6
KILMARNOCK MUN W.T., 1942	191	=	37 42 43.995 76 22 44.547			1356.4 493.4	
T 1944 T	Trav.	=	37 43 76 23			1326.3 523.5 639.1 830.1	
1944 T	Trav.	=	37 43 76 23			550.6 1299.2	
टक्त	455	=	37 43 34.668 76 28 52.614			1068.8 781.0 1288.5 180.8	
		<u> </u>					
	 						
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-	<u> </u>						P
							35 B

	FROM GRID OR PROJECTION LINE NA METERS FORWARD (BACK)												Pa	00 8 M · 2388-12	13
SCALE FACTOR	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	246.6 1603.2 1027.2 443.6	1712.8 137.0	1206.4 643.4 153.8 1317.1	1182.1 667.7	620.1 1229.7 636.6 834.5									DATE
1:10,000	DATUM CORRECTION]	
SCALE OF MAP 1	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)			ę:											CHECKED BY:
T NO. Ph-101	LATITUDE OR p.COORDINATE LONGITUDE OR x.COORDINATE	37 39 07.997 76 29 41.905	37 38 55.556 76 27 08.195	37 38 39.132 76 24 06.275	37 37 38.342 76 24 10.454	37 38 20.114 76 25 25.966									DATE
PROJECT NO	DATUM	NA p927	=	#	=	-=	. <u></u>	<u> </u>		<u> </u>					
	SOURCE OF INFORMATION (INDEX)	530	459	461	702	3 pt fix								,	
MAP T- 11056	STATION	OLD HOUSE (V),	ORCHARD 3,	WHITE STONE ME CH SP, 1942	CHERRY 3, 1944	Pon, 1953									COMPUTED BY:

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	OM GR	DATUM	N.A. 1927 - D.P. DISTANCE DISTANCE FROM GRID OR PROJECT IN METERS	FACTOR DISTA FROM GRID OR PROJI
TOWLES 3, 1942	459	NA 1927	37 38 31.836 76 30 37.779	FORWARD (BACK)		981.5 868.3 926.2 544.8	FORWARD (BACK)
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0.000		:	37 40			398.0	
no6,1774			76 32			3/4:0	
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FT = 4049004 METED							M . 23881

COMPILATION REPORT

31. Delineation:

Delineation of this shoreline survey was done entirely on the stereoplanigraph which also drew the features directly on the manuscripts in pencil for copying in ink. The shoreline was completely delineated on T-11052,54, and 56, but the other two quads were partially done as stated in side-heading 25, this report.

- 32. Control: Refer to side-heading 23, this report.
- 33. Supplemental Data: Not applicable.
- 34. Contours and Drainage: Not applicable.
- 35. Shoreline and Alongshore Details:

No shoreline inspection of this area was made and therefore the entire compilation is instrument delineated. There was no particular difficulty encountered in delineating the MHWL, but because of the small range of tide in this area the MLWL has been drawn only where the foreshore area has a very small gradient, in which cases it has been shown as approximate only. In addition, shoal, shallow, and grass areas in the foreshore area have been delineated and compiled. Man-made features along the shoreline have been delineated in the prescribed manner.

36. Offshore Details:

The only offshore details to deal with were the navigation lights which were positioned and compiled, when identifiable, during the instrument operation.

37. Landmarks and Aids:

The navigation aids mentioned in the above side-heading were the only items of known existence at that time.

39. Junctions:

All junctions are in agreement; see page 4, this report.

38. Control for Future Surveys:

About 200 hydro signals have been office selected and described by the Graphic Compilation Branch, and positioned during instrument compilation. A list of these stations, along with descriptions and references to identification photographs, is to be found under side-heading 49, "Notes for the Hydrographer", on a separate unnumbered page in the back of this report.

40. Horizontal Accuracy:

The conditions stated in side-heading 23, page 9, indicate that the control situation did not permit as high a degree of accuracy as normally expected. However, the possible errors in position are considered to be no greater than the allowable of 0.5mm and therefore this survey meets the requirements for the purpose of this shoreline survey.

46. Comparison with Existing Maps:

- a. IRVINGTON, VA, USC & GS T-8344, 1:24,000, 1949 edition, mapped by USC & GS, edited and published by USGS.
- b. URBANNA, VA, USC & GS T-8345, 1:24,000, 1949 edition, mapped by USC & GS, and edited and published by USGS.
- c. LANCASTER, VA, USC & GS T-8353, 1:24,000, 1949 edition, mapped by USC & GS, edited and published by USGS.

47. Comparison with Nautical Charts:

a. Chart No.534, 1;40,000, published July 1951, 3rd edition, last correction date of 9 Feb 53

Items to be applied to Nautical Charts Immediately: None.

- 48. Geographic Name List: Not applicable.
- 49. Notes for the Hydrographer: See separate unnumbered page.
- 50. Photogrammetric Office Review: See separate page follwoing.

41. Graphic Compilation:

As referred to in side-heading 25, page 9, a portion of the shoreline on the north side of the river has been added graphically since the instrument compilation has been completed. The three photos used in this additional compilation are shown on the Photo & Control Sketch, page 10. The centers of these three photos were located by resection from points positioned by the instrument work, and by one topo station, ROG, 1944, which fell on the outer limit of this added portion of shoreline compilation. Compilation was by conventional methods (graphic).

For the area compiled on this quad T-11226 south of the river, refer to Descriptive Report for T-11060.

submitted by:

tanley W. Trow, Chief,

Single Lens Plotter Section

approved by:

Leuis J. Reed, Chie Stereoscopic Mapping Branch

Photogrammetric Engineer

49. Notes for the Hydrographer:

The following hydro stations have been office selected and positioned by the instrument during compilation:

a. Photograph 52-0-1946

001 - End of Dier

002 - Point of vegetation

003 - Topo Station TAF, 1944

004 - Topo station WAR, 1944

005 - Bush

. 006 - Dol

007 - Sink hole

b. Photograph 52-0-1868

008 - Topo station PON, 1953

009 - End of fence or groin

010 - Tree

Oll - End of pier

012 - NW end of structure

013 - Outer of two bushes or trees

Ol4 - Cor of bldg

015 - Chy 016 - Bush

017 - Bush

Ols - End of pier

019 - Bush

020 - Pt of ma

021 - Bush

022 - Gable

023 - End of pier

022a - Pier 024 - Tree

025 - End of pier

026 - Center of sand area

027 - Bush 028 - Tree

029 - Gable

030 - Pt of ma

c. Photograph 52-0-1925

031 - Prominent bush on pt

032 - End of pier

033 - Bush

034 - End of pier

035 - Cor of pier

036 - End of pier

037 - End of pier

038 - Bush

039 - GALLEY HOOK Lt.

c. Photograph 52-0-1925 (contd)

040 - SW gable of boathouse 041 - Cor of pier 042 - End of pier 043 - End of pier 044 - Pt of sand 045 - Tree 046 - End of pier 047 - Bush 048 - Pt of ma 049 - End of pier 050 - Bush 051 - gable 052 - Bush 053 - Tree 054 - Pt of ma at mouth of stream 055 - Tree 056 - Cor of pier 057 - Tree 058 - Bush 059 - Tree 060 - End of pier 061 - Cor of pier 062 - Tree 063 - End of pier 064 - CRAB PT Lt 065 - End of groin or breakwater 066 - SPINHOUSE PT SHOAL Lt 067 - End of pier 068 - End of pier 069 - End of pier 070 - Pt of sand 071 - Topo satation ROT, 1944 072 - Pt of ma

d. Photograph 52-0-1924

073 - Gable 074 - Bush 075 - Bush 076 - Bush 077 # Pt of ma 078 - Bush 079 - Tree 080 - Pt of ma 081 - End of pier 082 - Bush 083 - Bush 084 - Pt of ma 085 - Pt of ma 086 - End of pier 087 - End of pier 088 - Bush 089 - End of pier 090 - End of pier 091 - Bush 092 - Gable

e. Photograph 52-0-1923

093 - Smaller dark spot

094 - End of small pier

095 - Tree 096 - Pt of dark vegetation

097 - End of spit

098 - Dark spot on beach

099 - Bush

100 - Cor of pier

101 - End of pier

f. Photograph 52-0-1885

878 - Pt of vegetation

879 - Tree

880 - Bush

881 - Tree

882 - Center of sand area

883 - Tree

884 - End of pier

885 - End of pier

886 - Tree

887 - End of pier

888 - End of pier

889 - End of pier

890 - Bush

891 - Apex of shoreline

892 - Bush

893 - Pt of grass

894 - Tree

895 - Tree

896 - Tree

897 - Pt of ma

898 - Pt of ma

899 - Tree

900 - End of pier

901 - CARROTOMAN PT Lt

g. Photograph 52-0-1887

902 - NE tip of vegetation

903 - End of pier

904 - End of pier

905 - Entrance tip of pt 906 - End of pier

907 - SE gable of house

908 - Tree in opening

909 - Sand patch indentation in shoreline

910 - First large tree or bush away from woods

911 - Cor of end of pier

912 - Fence corner

913 - End of pier

914 - End of pier 915 - End of pier

g. Photograph 52-0-1887 (contd)

916 - End of pier 917 - End of pier

918 - N end of boathouse

919 - Tree on pt

920 - Extreme tip of pt 921 - Cor of end of pier

922 - End of pier 923 - Cor of bldg 924 - Gable of barn

925 - End of pier 926 - End of pier

927 - Cor of bldg

928 - SW gable of boathouse

929 - Tree on pt 930 - End of pier 931 - BAR PT Lt 932 - End of pier

933 - Lt 934 - End of pier

h. Photograph 52-0-1889

935 - End of pier

936 - Bush on extreme end of pt 937 - Middle teree or bush on pt

938 - Topo station FER

939 - Shoreline end of three trees on pt

940 - Tree

941 - Corner of platform on pier

942 - Tip of brush area

943 - Structure or tip of brush area

944 - Extreme tip of vegetation

945 - NE of two bushes

946 - Tree

947 - Tip of vegetation on pt

948 - Tree

949 - End of pier

1. Photograph 52-0-1890

950 - Bush on pt

951 - Cor of pier

952 - Tree 953 - Tree

954 - Edge of vegetation on tip of ma

955 - Bush or grass on pt

956 - Tree

957 - Indentation on backside of ma grass

958 - Topo station OLD

959 - Tree

960 - Dark spot in ma

961 - Bush

962 - Cor of house

963 - Extreme tip of ma 964 - Gable of boathouse

1. Photograph 52-0-1890 (contd)

965 - Pt of ma

966 - White area in ma

967 - White area in ma

968 **-**969 🛎

j. Photograph 52-0-1923 (contd)

970 - End of fence in water

971 - Cor of pier

972 - Bush on pt

973 - End of pier 974 - Tip of grass

975 - Gable of house 976 - Tip of grass

977 - Tip of pt

978 - Tip of vegetation

979 - Pier

980 - End of pier

981 - Largest tree

· 982 - Cor of pier

k. Photograph 52-0-1922

983 - End of pler

984 - Bush on pt

985 - Tip of grass 986 - Cor of pier 987 - Edge of dark patch

988 - End of pier

989 - Tip of pt

990 - Bush

991 - Tip of pt

992 - Tree

993 - Tip of pt

994 Tip of pt

1. Photograph 52-0-1864

995 - White spot in ma 996 - Bush on pt 997 - Tip of pt 998 - Tip of pt

999 - Tip of pt

999a - End of dark line on pt

999b - Tip of pt

999c - End of pier

999d - White spot in ma

999e - Tree

999f - White spot in ma

m. Photograph 51-0-1095

The following signals are located on the south bank of the river and were positioned by the radial plot covered by the Radial Plot Report contained in Descriptive Report T-11060. They are repeated here for convenience in use in the field when T-11226 is employed.

858 - See DS for T-11058 866 - See DS for T-11058

867 - Tree between two large trees 868 - Cor of pier

868 - Cor of pier 869 - Gable of bldg

870 - Intersection of creek and dark image

871 - End of pier 872 - (cancelled)

PHOTOGRAMMETRIC OFFICE REVIEW

T- 11052, 11054, 11056, 11226, 9898

1. Projection and grids2. Title3. M	anuscript numbers4. Manuscript size
CONTROL	. STATIONS
5. Horizontal control stations of third-order or higher acc	uracy6. Recoverable horizontal stations of less
than third-order accuracy (topographic stations)	
9. Plotting of sextant fixes	c plot report11. Detail points
/	1- ohicked
ALONGSH	Chart Data)
(Nautical	Chart Data)
12. Shoreline 13. Low-water line 14.	Rocks, shoals, etc15. Bridges16. Aids
to navigation17. Landmarks18. Other	er alongshore physical features19. Other along -
shore cultural features	(
	FEATURES
20. Water features 21. Natural ground cover	22. Planetable contours 23. Stereoscopic 25. Spot elevations 26. Other physical
instrument contours 24. Contours in general	25. Spot elevations 26. Other physical
features	
CULTURAL	FEATURES
27. Roads 28. Buildings 29. Railroa	ds
BOUN	DARIES
31. Boundary lines 32. Public land lines	<u></u>
(
MISCEL	LANEOUS
33. Geographic names34. Junctions	35. Legibility of the manuscript 36. Discrepancy
overlay Descriptive Report 38. Fi	eld inspection photographs
40. Reviewer	Court Bullet
All A Leaviewer	Supervisor, Review Section or Unit
41. Remarks (see attached sheet)	-
FIELD COMPLETION APPLITIONS AND	CORRECTIONS TO THE MANUSCRIPT
:	CORRECTIONS TO THE MANUSCRIPT Dietion survey have been applied to the manuscript. The
manuscript is now complete except as noted under item	
Compiler	Supervisor
43. Remarks:	M·2623-12

Carte grachic Branch

h Earch 1937

duel, Photogrammeters division

Review of Shoveline ways, Project 27130 (Va.& Md., Nobjeck day to Poccase River)

If is my understanding that the project instructions call for the compilation of say now reads or read realization is actually even limited to shoreline and exacts for hodrographic support and as not covered by inversor outsils.

(r. view of bas press of work most on hand, I do not thank then you should couple additional information on these apps. If you is needed for a chart yever on, An. Brooks! Unit con will core of it as a coart correction job.

in reviewing the project, closes as consermed only with con appealine and information for hydrography and impore the oxiotion of interior details.

L. W. Sumson, Chief, Photogrammetry Division

Fr. Oak

లోకం వెళలు ఎం.సి.ఎమ్మన్కాలు. శ్రీమామ్ భావాణి గ్రామం కోస్క్ కి కూరాగాలు కైర్మం కోశ్వాంకి కోస్స్ Maraka Maraka

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REVIEW REPORT T 19898 T 11052 T 11054 T 11056 T 11226 Shoreline Surveys

8 April 1957

62. COMPARISON WITH REGISTERED TOPOGRAPHIC MAPS

T 603	1:10,000	1856
T 659	1:10,000	1856
T 660	- 1:10,000	1867
т 661	1:10,000	1857
T 2870	1:20,000	1905-06
T 8340	1:20,000	1942-46
T 8344	1:20,000	1942-44
T 8345	1:20,000	1944
T 8353	1:20,000	1944

The manuscripts delineate shoreline only and were prepared to establish signals for hydrography. Inshore revision of nautical charts is not possible.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

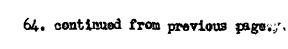
Irvington, Virginia quadrangle; 1:24,000	1946
(The base for this quadrangle was T 8344)	·.
Lancaster, Virginia quadrangle; 1:24,000	1945
(The base for this quadrangle was T 8353)	
Urbanna, Virginia quadrangle; 1:24,000)	1946
(The base for this quadrangle was T 8345)	
Saluda, Virginia quadrangle; 1:24,000	1946
	Inneaster, Virginia quadrangle; 1:24,000 (The base for this quadrangle was T 8353) Urbanna, Virginia quadrangle; 1:24,000)

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

8185, 8186, and 8187 al of which were made in 1954
Form 567 was sobmitted by the Hydrographic On T 11226, the shoreline detailed in red was compiled by the Hydrographic Party after triangulating numerous hydro signals. The shift in detail was approximately 0.7 mm. which is understandable as the original shoreline was positioned by a cantilevered radial plot.

Hydrographic report 8185 called for shoreline corrections at the following positions on T 11056.

Lat. 37°		Long. 760	24.47	Verified	and co	rrected	
Lat. 370	39.891	Long. 760	26,281	n	п	11	
Lat. 370	39 • 395 1	Long. 760	26.101	11	11	11	•
Lat. 37°	39•301	Long. 76°	25,291	hydrogra	pher is existed	ved by the evidently a dat the time	of



Hydrographic Report 8186 called for corrections at the following positions on T 11056.

Lat. 37° 39.90! Long. 76° 29.99! Verified and corrected Lat. 37° 39.848 Long. 76° 29.89!

Hydrographic Report 8187 called for corrections at the following positions on T 11054.

Lat. 37° 43.39! Long. 76° 24.99! Verified and corrected

Lat. 37° 43.36! Long. 76° 26.55! " " " "

Lat. 37° 43.39! Long. 76° 25.35!

Lat. 37° 42.59! Long. 76° 27.10! The feature existed at the time of the photography. The change cannot be verified.

65. COMPARISON WITH NAUTICAL CHARTS

Chart # 534 1:40,000 3rd edition 7/2/51 revised 10/31/55 Chart # 1223 1:80,000 5th edition 8/22/55 revised 8/27/56

66. MAT ACCURACY

For the purpose of establishing hydrography, the manuscript was evidently of sufficient accuracy as no difficulties were encountered by the hydrographer.

The manuscript conforms with the National Standards of Map Accuracy and the project instructions as amended.

Reviewed by:

Approved:

Chief, Review Section

Division of Photogrammetry

hotogrammetry Division

Chief, Nautical Chart Branch

Division of Charts

Chief, Division of Coastal Surveys