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8358

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey <u>Air Photo Compilation</u>	
Field No. ....	Office No. <u>T-8358</u>
LOCALITY	
State <u>Virginia</u>	
General locality <u>Rappahannock River</u>	
Locality <u>Emmerton</u>	
<u>194 4</u>	
CHIEF OF PARTY	
<u>Comdr. Ray L. Schonne</u>	
LIBRARY & ARCHIVES	
DATE <u>Oct 21 - 1946</u>	

## DATA RECORD

T-8358

Quadrangle (II):

Project No. (II): 289-C

Field Office: Tappahannock, Va. Chief of Party: Ray L. Schoppe

Compilation Office: Tampa, Fla. Chief of Party: Ray L. Schoppe

Instructions Dated (II III): 12/16/42; Copy filed in Descriptive  
5/13/43 Report No. T- (VI)

Completed survey received in office: 5/15/44

Reported to National Chart Section: 5/16/44

Adopted: 6/9/44 Applied to chart No. Date:

Redrafting Completed: 8/4/44

Registered:

Published: 1944

Compilation Scale: 1:20,000

Published Scale: 1:31,680

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927 Datum Plane (III): M.S.L. 1929

Reference Station (III): EMMERTON, 1942

Lat.: 37°53'48.243"  
(1487.38 M)Long.: 76°41'36.202"  
(884.52 M)Adjusted  
~~Unadjusted~~

State Plane Coordinates (VI):

X =

Y =

Military Grid Zone (VI)

# P. ENCLOSURE (III)

<u>Index</u>	<u>Date</u>	<u>File</u>	<u>Scale</u>	<u>State of File</u>
12878	12/31/42	--	1:20,000	--
12879	"	--	"	--
12925	"	--	"	--

Side from (III): --

Lead Notes: --

Scale: 1:20,000

General (Name of service) U. S. C. & G. S. Nine-Lens

Photo Director: Thomas A. Zary

Dates: 9-43--2-44

Field Note by: *John C. Lajoye*

Dates:

Date of from Photo-ater: Date Note: (III): --

Projection and Grids ruled by: (III) Wash. Office

Dates:

" " " checked by: " "

Dates:

Control Plotted by: C. A. J. Pauw

Dates: Feb. 1944

Control checked by: V. F. Simmons

Dates: Feb. 1944

Radial Plot by: Tampa Office Personnel

Dates: Apr. 1944

Detailed by: John L. White R. G. Dossett  
Prin. Photo. Aid Prin. Photo. Aid

Dates: Apr-May '44

Reviewed in compilation office by: C. A. J. Pauw

Dates: May 1944

Photographs  
Elevation on Field ~~=====~~  
checked by: H. B. Wright, Photo. Aid

July 1943

STATISTICS (III)

Land Area (Sq. Statute Miles):

Shoreline (More than 200 meters to opposite shore):

Shoreline (Less than 200 meters to opposite shore):

Number of Recoverable Topographic Stations established: 3

Number of Temporary <sup>Topographic</sup> Stations located by radial plot: 10

Leveling (to control contours) - miles: 85

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

## General Procedure in the Production of Topographic Quadrangles for the War Department

This quadrangle, together with similar adjoining maps produced under Project C.S. 289-C, was prepared by the Coast and Geodetic Survey for the War Department under "General Specifications for War Department Mapping Program" issued about December 1941, in which is incorporated the "Standard of Accuracy for a National Map Production Program" issued by the Bureau of the Budget under date of June 10, 1941.

The general procedure in the production of this and the adjoining quadrangles was:

### FIELD SURVEYS

Aerial photography with the Coast and Geodetic Survey nine-lens camera, with airplane and flight crew furnished by the U. S. Coast Guard. The photographs were taken to the scale of 1:20,000.

Ground inspection of the photographs for identification of control points, and classification and clarification of planimetric details on the photographs.

Contouring by planetable directly on the photographs. Supplementary vertical control was established by means of an extensive subordinate level net, furnishing unmarked elevations at road intersections, drive-ways, and numerous other points identifiable on the photographs.

### COMPILATION OF MANUSCRIPT

Compilation on the map manuscripts by radial plot methods (celluloid hand templates) of all planimetry and contours. These manuscripts were drawn on the scale of 1:20,000 on celluloid sheets on which polyconic projections had been ruled with the Projection Ruling Machine in the Washington Office. Compilation was accomplished in the ~~Baltimore~~ Tampa Photogrammetric Office.

### FIELD EDIT

Comparison of a copy of the manuscript with the ground. This included inspection for completeness and accuracy as well as the location by planetable methods of additional details, checking of nautical and aeronautical aids to navigation, etc.

Accuracy Tests - Application of systematic horizontal and vertical accuracy tests to check the maps for conformity with the specifications. These tests consisted of comparison of the map position and elevation of selected random points with the true position and elevation as independently determined by standard survey methods.

#### PROCESSING IN THE WASHINGTON OFFICE

Review - Examination of the manuscript for accuracy and completeness of compilation and compliance with specifications, correcting where necessary; addition of military and state grids and other special features; and verification of the general adequacy of the manuscript as a basis for the production of a finished map.

Drafting and Reproduction - Preparation of smooth color separation drawings on 1:20,000 scale on metal-mounted "blue-line" copies of the manuscript. From these drawings, negatives and printing plates were prepared for reproduction of the finished map on the scale of 1:31,680 or 1:25,000.

FI  
DESCRIPTIVE REPORT TO ACCOMPANY

QUADRANGLE T-8358

Project CS-289-D

Ray L. Schoppe, Comdr., Chief of Party

1. Description of the Area:

76° 45' and

This seven and one-half minute quad lies between longitudes 76° 37' 30" and latitudes 38° 00' and 37° 52' 30"; the topographic features agree with those common to the section of the State of Virginia known as the Northern Neck - a section of land bounded by the Potomac and Rappahannock Rivers and the Chesapeake Bay. The valleys are narrow "V" type, geologically speaking, young valleys. The upper reaches of these are steep, gradually tapering off to more gentle grades at approximately the fifty foot level.

The country ranges from sea level to one hundred and fifty-five feet above sea level, the one hundred and forty foot elevations appearing in few instances as closed isolated contours. The highest elevations occur in the northeastern part of the quadrangle. The drainage is to the west and south, all of it emptying into the Rappahannock River, which flows in a south-easterly direction.

About one-third of the area is cleared land. A common feature is that in many cases the contour line in the higher area is also the line of demarkation between cultivated and wooded land. Very few, if any, contours appear in the cultivated portions, these showing that the farm land is more or less flat. A noticeable feature is the fact that in cases where farm land exists close to the river the twenty foot contour line is very close to the waters' edge. In the case of woodland, the twenty foot contour is far removed from the river banks. The two main towns in this quadrangle are Farnham and Emmerton, both unincorporated and of a population numbering only approximately a hundred each.

Two main highways are located in the quadrangle - Route 360, a Federal Route running east and west and Route 3, a State Highway running from the central portion to the southeastern corner of the quadrangle.

2. Completeness of Field Inspection:

The clarification of details on the photographs and the identification of roads, buildings, types of woodland, shoreline, etc., has all been completed. All churches, schools, post offices and other public buildings have been named. All roads and trails have been classified. Trails obscured by shadows of trees have been traversed to aid the draftsman in locating them. All barns and dwellings of sufficient size have been encircled and labeled.

3. Interpretation of the Photographs:

Due to the similarity in appearance of woodland at like elevations and of like make-up, the photos of this area can be interpreted readily. The dark blackish-gray woodland is invariably mature pine. This same color interspersed with light gray is a mixture of pine and deciduous trees, the percentage of each varying directly with the predominance of one color or the other. Marshy areas are readily discernable. The only difficulty in the interpretation might be found in distinguishing between young pine areas and unplowed, but cleared land. These both appear as a solid iron gray color, with the young pine probably a trifle mottled. These were labeled as such when seen by the topographer.

4. Horizontal Control:

The only triangulation station in this quadrangle is Emmerton, 1942, which was recovered and pricked on photo No. 12925.

5. Vertical Control:

All of the U.S.C. & G. Survey 2nd order Bench Marks in this quadrangle were recovered and pricked on photographs, and recovery cards were submitted. Substantial and permanently marked U.S.C. & G. Survey bench marks were recovered and pricked on the photographs and recovery cards submitted.

The levels on this quadrangle were run by H. B. Wright, Photo. Aid, in July, 1943. Three lines of U. S. C. & G. Survey bench marks of 2nd order accuracy were available within this quadrangle, also a few U.S. Geological Survey bench marks. It was possible to run all main supplemental level lines between bench marks, with spur lines running between main lines. All main and spur lines were closed with an error less than three-tenths of a foot. Approximately eighty-five miles of supplementary levels were run in this quadrangle, with an average closure of one-tenth of one foot. One exception was the WAC line with an error of thirty-four hundredth; this was an independent line and was adjusted.



Adjustments of closures were made by distributing the error uniformly along the length of the line. The leveling was accomplished by using a Wye level, No. 72, with stadia rods and reading to the nearest hundredth of a foot. The area comprising this quadrangle is generally rolling and about three-fourths of it is wooded. Many roads and trails are within the area, thus making it possible to secure the necessary vertical control.

Elevations of ground points were shown on photographs, Nos. 12878-79-80 12924-25-26, at road intersections, drive way and trail intersections, woodlines and where no definite points of intersections could be shown a hub was set with guard stakes and the approximate position pricked on the photographs.

The fly levels for this quadrangle are recorded in Level Volume No. 10.

#### 6. Contours and Drainage:

The topography on this quadrangle was done on nine lens photos, Nos. 12924, 12925, 12926, 12878, 12879, and 12880; also single lens photos (FG series) 108-57, 108-58, 108-59, 108-60, 108-61, 108-62, 129-23 and 129-22.

The planetable method was used in contouring whenever it was possible to do so. In contouring woodland sections, traverse with the alidade was run either on the ridges or along the streams, depending on which was more feasible. From those traverses, the locke-level and pace methods were used in running side traverses to the streams or to the top of ridges. These latter, however, were used only to support the basic methods of the alidade and wherever it seemed unreasonable to take the planetable.

In areas where slopes were uniform, high and low spots were located, and the contours in between were sketched. This was done to eliminate any unnecessary shots without sacrificing accuracy. In cases, wherever possible, elevations from hand level traverses were left to be checked later with the alidade from other positions. These hand-level traverses when checked, were found to be accurate within the allowable error.

On all points where traverses were run to streams, the locations of the latter as shown by the stereoscope were checked. The locations of these streams by stereoscope was good. The only discrepancies noted were usually in wide flat-bottomed hollows where the stream was actually located on one side or the other. The white ink was deleted in red where discrepancies were found and the correct location was made in blue ink. It is true, however, that these streams could be checked only in several points, since contact with them was made only as often as was necessary in locating the contours of a particular section. Planetable traverses were usually accurate to two or three tenths of a foot in vertical closure.

7. Mean High Water Line:

The mean high water line was inspected and shown by conventional symbols on the photographs along the shores of Totuskey Creek, this being the only stream in the area.

8. Mean Low Water Line:

The mean low water line was not shown in this quadrangle due to the fact that there is no appreciable difference, in the high and low water lines.

9. Wharves and Shoreline Structures:

The wharves, small docks, boat houses, bulkheads, waterbreakers, and other structures were shown on the photos.

10. Details Offshore from the High Water Line:

There were no offshore details in this quadrangle.

11. Land Marks and Aids to Navigation.

There are no landmarks in this quadrangle. There are twenty-two piling day beacons along Totuskey Creek, numbered from 4 to 41, these beacons were not located at the present time, but additional temporary Topographic stations were pricked on photograph No. 12924, and marked with a small red circle and a name, to be located by the radial plot.

These temporary stations were marked in a temporary manner on the ground, descriptions have been submitted on Form 524 for these stations. These stations are to be used for the location by planetable of the beacons mentioned above along Totuskey Creek by the field edit party.

12. Hydrographic Control:

Recoverable topographical stations have been established in accordance with the instructions dated July 15, 1943 (Refer to No. 28-RCC-1990).

13. Landing Fields and Aeronautical Aids:

There are no landing fields or aeronautical aids in this quadrangle.

14. Road Classifications:

All roads within the quad were classified. There are no type 1 roads, since even the two main highways already mentioned do not attain the standards of a No.1 road. The few paved roads within the quad are placed in Class 2. With the exception of several Class 3 roads, the majority of the roads were of the Class 4. In addition, several trails of Class 5 were located and classified. Federal, State and County routes have been shown in this quad.

Those shown as county roads are dirt roads that normally would be under the supervision of the county. However, in the State of Virginia, the State has taken over the maintenance and marking of all roads of this type, and these route numbers are therefore State routes.

15. BRIDGE CLASSIFICATION:

Bridges will be classified in accordance with the instructions at a later date and prior to the field edit of this sheet.

16. Buildings and Structures:

All public buildings were classified and named. These included post offices, churches, schools, etc. All stores and dwellings were designated by the usual symbols, as were barns, when of sufficient size to be classified.

17. Boundary Monuments and Lines:

This is the subject of a special report which has been submitted by H. B. Wright, Photogrammetric Aid.

18. Geographic Names:

This will be the subject of a special report.

19. Photographs on which Work was Accomplished:

Contouring field inspection, recovery, and fly levels were done on the following photographs: T2924 to T2926 inclusive, 12878 to 12880 inclusive, FG series: 108-58 to 108-62 inclusive, 129-23, and 129-22.

20. Junctions:

Junctions with quadrangles 8359, 8357, and 8351, and with work done to the north by Harland R. Cravat during operations in 1942 were checked and compared in the field.

48. Accuracy Tests:

1. Vertical:

A vertical accuracy test was run on quadrangle T-8358 between approximate latitude  $37^{\circ} 53.8'$  and longitude  $76^{\circ} 41.4'$  on February 8, 1944, by Charles Hanavich, Assistant Photogrammetric Engineer.

The method used for this vertical accuracy test was a planetable traverse, which was run along the highway with side shots taken to detail within rodable distances; additional traverses were run along ridges and draws. Essential and controlling elevations were determined and located to the nearest foot. The area of the test has been blocked off and labeled on contour photograph FG 10862 with the elevations ascertained in the field

by the vertical accuracy test party denoted in red ink. The accuracy of the contours was found to be within the requirements of the instructions.


2. Horizontal:

This will be the subject of a special report.

Approved by:

  
\_\_\_\_\_  
Ray L. Schoppe,  
Chief of Party

Submitted by:

  
\_\_\_\_\_  
for Thomas A. Zary, Jr. Topo. Engr.

COMPILATION REPORT  
To Accompany  
SHEET NO. T-8358

26. CONTROL

One triangulation station is within the limits of this sheet. This station was consistently held while cutting in additional radial points. By using main radial plot points as additional secondary control, good radial line intersections were obtained.

27. RADIAL PLOT

A discussion of the main radial plot was incorporated in the compilation report for Sheet T-8355.

28. DETAILING

The single lens and nine lens photographs from which this sheet was detailed were fairly clear and the scale was reasonably good. Field notes on the photographs and tracing paper print were complete; however, a discrepancy was noted in the location of contour lines and drainage between photographs 12625, 12678 and the older photographs, along the northern limits of this sheet, Nos. 8896, 8915. It has been understood that all drainage has been merely indicated by the field party and the draftsman has used his own judgment as to how it should be shown on the map drawing. After careful study under the stereoscope, the junction along the northern line of this sheet has been adjusted to conform as nearly as possible to the two sets of field prints. However, as sheet No. T-8145 was not in this office for checking control, the junction is not complete.

It is recommended that the Washington Office check the junction between these two sheets in order to obtain a more complete agreement.

Sheet No. T-8145 was compiled by the Baltimore Office.

29. SUPPLEMENTAL DATA

No graphic control surveys by this bureau or maps and plans by other organizations were used to supplement the field inspection, photographs, and the field edit sheet.

34. LANDMARKS AND AIDS TO NAVIGATION

There were no landmarks or aids to navigation to be charted on this sheet.

35. HYDROGRAPHIC CONTROL

There are 13 topographic stations on this sheet which may be recovered for use by the Hydrographic Party. Forms 524 are being submitted for these stations.

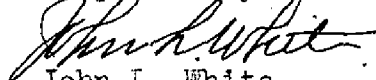
44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

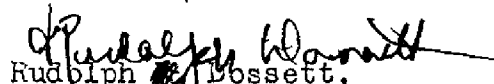
This sheet was compared with U. S. Geological Survey quadrangle "MORATTICO, VA.", scale 1:62,500, and was found to be in good agreement in detail. No major discrepancies were noted.

45. COMPARISON WITH NAUTICAL CHARTS


A comparison was made with U. S. C. & G. S. Chart No. 535 (published October 1932 on a scale of 1:40,000). No shoreline discrepancies of any importance could be noted.

Respectfully submitted,

  
John L. White,  
Prin. Photo. Aid.

  
Rudolph W. Bossett,  
Prin. Photo. Aid.

Forwarded by:

  
Ray L. Schoppe,  
Chief of Party.

FIELD EDIT REPORT  
QUADRANGLE T- 8358  
Project CS-289 C

1. Items 1 through 4:

See Field Inspection Report.

5. Vertical Control:

See Field Inspection Report. All level elevations should be checked by the Washington Office. All Bench Marks have been checked by the Field Edit Party.

6. Contours and Drainage:

See Field Inspection Report. A representative check was made of the drainage; no change was found.

7. Mean High Water Line:

The Mean High Water Line was not checked; however, the Field Edit Party was on the alert for obvious discrepancies by an investigation at various points. None were found.

8. Mean Low Water Line:

See Field Inspection Report.

9. Wharves and Shoreline Structures:

These were investigated in the field; no changes were noted.

10. Details Off Shore From The High Water Line:

None were found.

11. Aids to Navigation:

*see field edit sheet for particulars*  
On Totuskey Creek, Beacons 4, 5, 7, 9, 13, 15, 17, 21, 23, 25, 24, 28, 30, 32, 33, 35, 37, 39, and 41 were located by plane table by a minimum of three cuts, or by two cuts and a stadia distance in cases where it was impossible to secure three cuts because of the character of the stream in the area. Beacons 11, 19, and 26 have been taken out either by river traffic or ice, and beacons 39 and 41 although shown, are in poor condition due to having been hit by barges and bent over. Several of the beacons have been struck by traffic and the boards bearing the numbers have been pulled off and only the piling remains. These piling were located and the numbers determined by their positions in the channel. The beacons in this creek are all single pile beacons, with a black square daymark or a triangular red daymark. Also see Field Inspection Report.

12: Hydrographic Control:

Not applicable to this Report.

13. Landing Fields and Aeronautical Aids:

There were no landing fields or aeronautical aids in this quadrangle.

14. Road Classification:

All roads have been classified and shown in accordance with instructions from the Army War College, dated January 12, 1942.

15. Bridge Classification:

See Field Inspection Report.

16. Buildings:

In general there were few buildings to be classified, added or deleted. One or two buildings have burned, or have reached such an advanced state of delapidation as to no longer fall within the general classification for habitable structures, and have been deleted.

On the West edge of the compilation a temporary Virginia State Prison Camp was found. The temporary buildings of this area were not shown, as investigation of the site proved that they are of a portable nature. Inquiries from the sergeant in charge of the camp, and the State Highway Office, at Warsaw, show that the buildings of the camp are temporarily located on land leased from the Northern Neck County Fair Association.

17. Boundary Monuments and Lines:

See field inspection report. The political boundaries were traced from the name overlay to the smooth sheet and were checked in the field.

18. Geographic Names:

This has been the subject of a separate report. The names were traced from the name overlay onto the smooth sheet and verified in the field. The following discrepancies were found:

- a) Lyell Road was the name of the original road from Warsaw to Lyell, but this pike has since been incorporated in the George Washington Memorial Highway, i.e., State Route # 3. The road is still referred to by some of the older inhabitants as the Lyell Road.
- b) Haynesville School was misspelled on the name overlay. The name is shown as Hanesville School which is incorrect.
- c) Lyells Chapel, is incorrectly referred to as Lyells Church. This is a colored church. Lyells Chapel is named for a man named Lyell who donated the land on which the chapel stands.
- d) Governor Spring is shown on the name overlay in the wrong place. This is the name of a spring and the name has been moved to its approximate position on the name overlay. The area in which the spring is located is known as Rich Neck.



e) Emmerton, Emmerton School (abnd) and Emmerton Precinct are all shown on the name overlay as having only one "m". A check of the Post Office name and of the geographic name report reveals that the correct spelling should contain two "m"s.

19. Junctions:

This quadrangle is bounded on the North by quadrangle 8145. The junctions with this sheet have been checked and found to agree. The junction to the East with sheet 8357 was checked and a portion of a 100 ft. contour which extends into 8357 at Latitude 37-57 was shown on the smooth sheet for 8358. Also a portion of an 80 ft. contour in the same area and within the limits of sheet 8358 is shown on the smooth sheet for 8358. The junctions with sheets 8351 and 8359 to the South, <sup>and West</sup> will be discussed in the field edit report for those sheets.

20. Power Line :

A power line was located on the North edge of the quadrangle. This power line is a low voltage line running to an Airway Beacon shown on Quadrangle 8145. It is not a high tension line and is of value only as a minor topographic feature.

46. Methods:

This quadrangle was field edited on an ozalid and the later transferred to a duplicate in the office. Discrepancies not covered by a suitable symbol were noted on the compilation by a sentence and an arrow to the point in question.

All symbols used were standard topographic symbols except that a green "X" was used for deletions and a tick mark was used to show the limits of deletion and the points of change in road classification.

The following color scheme was used:

Deletions	Green
Additions, Classifications, Names, Notes etc.	Black
Water Culture	Blue
Political Boundaries	Purple
Contours	Brown

47. Adequacy of Compilation:

The compilation of this sheet was complete and adequate with few deletions, additions, or classifications necessary.

48. Accuracy Tests:

Horizontal: This is the subject of a special report by Charles Hanavich, Asst. Photo. Engineer.

Vertical: See Field Inspection Report, Item 48.

Submitted by:

*John C. Lajoie*

John C. Lajoie  
Prin. Photo. Aid.

Approved by:

*F. L. Gallen*

F. L. Gallen  
Chief of Party.

Horizontal Accuracy Test  
Quadrangles T-8358 and T-8357  
Project GS 289 C and D

This test consists of a traverse between triangulation stations Hamerton(1942) and Downings (1942). The traverse is a 8.4 statute miles in length and contains 10 test points; 6 of which are within the limits of Quadrangle T-8358 and 1 of which (P. P. 10 B) is within the limits of Quadrangle T-8357. The traverse closure is one part in 12,533 and discrepancies of 1.08 m. in latitude and .05 m. in longitude were adjusted through the traverse. In the tabulation the geodetic position from the traverse computations is referred to as P. P. No., and the scaled position from the map manuscript is referred to as M. M. No.

Tabulation of Test Points

<u>Description of point</u>	<u>Test point No.</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Displacement in mm.</u>
Inter. of road and road, 90 degrees	P. P. No. 1 B M. M. No. 1 B	37-54-103.9 37-54-102.4	76-40-1431.2 76-40-1432.0	.09
Inter. of road and road, 45 degrees	P. P. No. 2 B M. M. No. 2 B	37-53-851.6 37-53-858.5	76-40-391.4 76-40-394.4	.38
Inter. of road and road, 80 degrees	P. P. No. 3 B M. M. No. 3 B	37-53-702.9 37-53-699.3	76-39-1418.9 76-39-1417.2	.20
Inter. of road and road, 80 degrees	P. P. No. 4B M. M. No. 4 B	37-53-853.7 37-53-856.9	76-38-442.8 76-38-450.8	.43
Inter. of road and road, 70 degrees	P. P. No. 5 B M. M. No. 5 B	37-53-300.6 37-53-307.8	76-37-827.9 76-37-827.5	.36
Inter. of road and road, 60 degrees	P. P. No. 6 B M. M. No. 6 B	37-53-239.2 37-53-247.5	76-37-798.1 76-37-799.8	.42
Inter. of road and road, 60 degrees	P. P. No. 10 B M. M. No. 10 B	37-52-1829.5 37-52-1832.0	76-36-616.0 76-36-610.3	.31

All the test points check within the requirements of 0.5 m m.

Submitted by:

Charles Hanavich  
Asst. Photo. Engr.

Approved:

F. L. Gallen  
Chief of Party.

3348



## NAUTICAL CHART SECTION

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

T-8358

TO BE CHARTED }  
~~TO BE DELETED~~ } STRIKE OUT ONE**LANDMARKS FOR CHARTS**  
(NON-FLOATING AIDS TO NAVIGATION)

Tappahannock, Va. May 30, 1944

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

The positions given have been checked after listing.

Filed in Naut. Chts.

Ch. Letter 395-44 F. L. Callen

GENERAL LOCALITY		Totuskey Creek, Va.		NAME AND DESCRIPTION		POSITION							Chief of Party.					
						LATITUDE		LONGITUDE			DATUM		METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
o	i	D. M. METERS	o	i	D. P. METERS													
BEACON No. 4		37	52	978.3	76	44	1151.4	N.A. 1927	Plane Table	1944	X			535				
BEACON No. 5		37	52	1404.4	76	44	690.8	"	"	"	X			"				
BEACON No. 7		37	52	1594.9	76	44	582.1	"	"	"	X			"				
BEACON No. 9		37	52	1708.2	76	44	576.5	"	"	"	X			"				
BEACON No. 13		37	53	272.0	76	44	623.0	"	"	"	X			"				
BEACON No. 15		37	53	269.4	76	44	207.3	"	"	"	X			"				
BEACON No. 17		37	53	165.0	76	43	1366.5	"	"	"	X			"				
BEACON No. 21		37	53	673.3	76	43	686.2	"	"	"	X			"				
BEACON No. 23		37	53	778.9	76	43	299.0	"	"	"	X			"				
BEACON No. 25		37	53	1000.9	76	43	153.5	"	"	"	X			"				
BEACON No. 24		37	53	1255.8	76	43	164.4	"	"	"	X			"				
BEACON No. 28		37	53	1704.7	76	43	21.9	"	"	"	X			"				
BEACON No. 30		37	53	1845.9	76	43	82.7	"	"	"	X			"				

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. 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.

U. S. GOVERNMENT PRINTING OFFICE 16-27869-1

*These beacons not charted.  
Mentioned by note on chart 535.*

Chief of Party.





# GEOGRAPHIC NAMES

Survey No. T-8358

HAYNESVILLE quadrangle

1	Name on Survey	A	B	C	D	E	F	G	H	K	
	Virginia	✓									1
	Northumberland County	✓									2
ont	<del>Northumberland County</del>										2
	Westmoreland County	✓									3
	Richmond County	✓									4
	Callao Precinct <del>LOTTSBURG</del> (N. Co.)	✓									5
	Elidham " COPLÉ (N. Co.)	✓									6
	Haynesville " (Richmond Co.)	✓									7
	Marshall "	✓	"								8
	Farnham "	✓	"								9
	Emmerton " WASHINGTON	✓	"								10
	Sharps " not shown	✓	"								11
	U.S. No. 360										12
	Va. Nos. 3, 203, 228										13
											14
	Totuskey Creek	✓									15
	Farnham	✓									16
	North Farnham Church	✓									17
	Calvary Church	✓									18
	Emmanuel Church	✓									19
	Emmerton	✓									20
	Waverley Road	✓									21
	North Bend Landing	✓									22
	Shipyard Landing	✓									23
	Kennard	✓									24
	Cobham Park School (at new location)										25
	Cobham Park Church	✓									26
	Totuskey bridge	✓									27



## Remarks

## Decisions

1		USCB
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		Road Maps
13		"
14		
15		378767
16		378766
17		"
18		"
19		"
20		"
21		378767
22		"
23		"
24		379767
25		"
26		"
27		"



# GEOGRAPHIC NAMES

Survey No. T-8358

GEOGRAPHIC NAMES											
Survey No. T-8358											
Name on Survey		A	B	C	D	E	F	G	H	K	
2											
✓	Little Totuskey Creek	✓									1
✓	Richmond Hill	✓									2
✓	Richmond County High School										3
✓	Branhams Mill Swamp	✓									4
✓	Lyells Road										5
	(part of State No. 3)										
✓	Lyells	✓									6
✓	Beulah Church	✓									7
✓	Treeaway	✓									8
✓	Mill Road	✓									9
✓	Garlands Millpond	✓									10
	Bethethal Church	✓									11
✓	Gordys Millpond	✓									12
✓	Marshy Swamp	✓									13
✓	Hogans Mill	✓									14
✓	Wilberts Corner	✓									15
✓	Lyells Chapel	✓									16
✓	Rich Neck	✓									17
✓	Governor Spring										18
	(note new location)										
✓	Clash	✓									19
✓	Good Shepherd Mission	✓									20
✓	Haynesville School	✓									21
✓	Totuskey Church	✓									22
✓	Totuskey School	✓									23
✓	Haynesville	✓									24
✓	Drinking Swamp	✓									25
✓	Drinking Swamp Bridge	✓									26
✓	Mill Branch	✓									27

T-8358

2

Remarks

Decisions

1		379767
2		"
3		"
4		"
5		"
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7		"
8		"
9		"
10		"
11		"
12		379786
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		"
25		"
26		"
27		"

# GEOGRAPHIC NAMES

Survey No. T-8358

3	Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. Quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K
	✓ Moores Mill	✓								1
	✓ Moores Mill Road	✓								2
	✓ Milberry Church	✓								3
	✓ Milberry School	✓								4
	✓ Jerusalem Church	✓								5
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Names underlined in red  
by L. Heckman 6/12/44

T-8358

Remarks

3  
Decisions

1		389766
2		"
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SURVEY NO. T. 8358

## Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

## RECORDS

Between January, 1942 and July, 1944, this Bureau completed 323 quadrangles. These maps have been published, or are in the process of being published on scales of 1:31,680 or 1:25,000. This series of quadrangles includes a land area of approximately 15,000 square miles. Incident to this work, a considerable volume of survey records and data has accumulated which will be filed for future reference. This material is filed as follows:

### Registered and Filed in the Vault

Cloth-mounted copy of the published quadrangle.

published quadrangle at 1:20,000 scale

Black and white cloth-mounted copy of the ~~map~~ ~~manuscript~~. This copy is filed to preserve original survey detail shown on the manuscript at 1:20,000 scale which may not have been shown on the published sheet. For ~~political boundaries~~, woodland, ~~march~~, and ~~swamp limits~~, refer to the published quadrangle for the finally adopted positions. outlines.

Descriptive Report.

Division.

Filed in the Photogrammetric Section — ~~Surveys Branch~~

Field inspection photographs.

Contoured photographs (on which planetable contouring work was performed.)

Field edit sheet.

Descriptions of recoverable topographic stations (Form 524), filed in Reviewing Unit Section.

Supplementary traverse and level records.

Field notes, computations, lists of positions, and tabulations of results of horizontal and vertical accuracy tests.

Reproduction proof.

Correction sheet (copy of quadrangle showing in red changes to be made when next printed.)

Check lists of work performed on each sheet in the Washington Office during review, drafting, edit, and reproduction.

Original celluloid manuscript.

Copies of specifications and all instructions  
to field parties and field offices.

Filed in Reproduction Branch

Glass negatives of the color separation drawings.

Filed in the Library

~~Special report on field work by Commander K. T.  
Adams, 1944.~~

Special report on office work by B. G. Jones, 1944.

Season's report on field work by Commander F. L.  
Gallen, 1944.

Season's report on field work by Commander R. L.  
Schoppe, 1944.

Delivered to the Army Map Service in accordance  
with the contract

Film negatives and film positives of the color  
separation drawings.

All color separation drawings.

~~Original celluloid manuscript.~~

A correction sheet consisting of a copy of the  
first edition of the quadrangle with notes in red  
indicating changes desirable at the next printing.

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T- 8358

HAYNESVILLE QUADRANGLE

This quadrangle manuscript has been examined for completeness, accuracy, and conformity with the specifications. It is adequate for smooth drafting, reproduction and publication. Revisions found to be necessary in this office are discussed on the next page.

Horizontal and Vertical Accuracy

A horizontal accuracy test was run in this quadrangle and found to be satisfactory. The test is enclosed in this Descriptive Report.

A vertical accuracy test was run in this quadrangle and found to be satisfactory. See the Field Inspection Report, Item 48, enclosed in this Descriptive Report.

Previous Surveys

This manuscript has been compared with the following previous topographic surveys of this Bureau and other agencies. This map is satisfactory to supersede the previous surveys over the common area.

There are no previous topographic surveys in this area.

Comparison with Nautical Charts Nos.

The manuscript has not been applied to the charts at the date of this review. The following comments are pertinent to the compilation and correction of nautical charts:

~~No nautical charts cover this area.~~

*T8358 was applied to chart 535 1/31/46  
after review. mgs*



The following revisions of the map manuscript were found to be necessary and were accomplished as a part of this review:

Only changes of a minor nature were necessary during the review of this map manuscript.

Reviewed 6-9-44 By F. H. Mahan  
under direction of D. H. Benson

Inspected by B. G. Jones 8/46

Examined and approved:

K. T. Adams  
Chief, ~~Surveys Branch~~  
Division of Photogrammetry

~~Chief, Topography Section~~

Robert W. Mahan  
Chief, Div. of Charts  
Nautical Chart Branch  
Harmon B. Egan  
Chief, Div. of Coastal  
Surveys