

# 8345

Original

Diag'd. on diag. ch. No. 78-3

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey Topographic Quadrangle

Name Urbanna Office No. T-8345

### LOCALITY

State Virginia

General locality North of Rappahannock River

Locality Kilmarnock

194 5

### CHIEF OF PARTY

K. T. Adams & R. W. Knox

### LIBRARY & ARCHIVES

DATE December 16, 1947

B-1870-1 (1)++

# 8345

Statement To Accompany Descriptive Report T-8345

1. This summary of survey methods used and the method of handling T-8345 and adjoining quadrangles is provided for the convenience of those processing and using the map in the future.
2. The several mapping operations were:
  - (a) Single and nine-lens aerial photography and laboratory processing.
  - (b) Field surveys for identification of shoreline, clarification of photographic details, and the establishment and identification of horizontal and vertical control.
  - (c) (West of the Rappahannock River) Compilation of planimetry and contours on 1:20,000 scale manuscript by stereoscopic instrument methods.  
(East of the Rappahannock River) Compilation of planimetry and contours on 1:10,000 scale multiplex sheets, later processed to the 1:20,000 scale manuscript, west of the Rappahannock River.
  - (d) Preliminary office review of the manuscript.
  - (e) Field edit and accuracy tests.
  - (f) Final office review of the manuscript to insure completeness and conformance with specifications. This included correction of the manuscript in accordance with the field edit survey.
  - (g) Drafting, reproduction and publication. (See paragraph 3.)
  - (h) Registry in archives. (See paragraph 4)
3. T-8345 and the adjoining quadrangles will be smooth drafted, published, and distributed by the Geological Survey in accordance with the agreement of March 25, 1947.
4. The following material for T-8345 may be needed from time to time either in the U. S. Geological Survey or the Coast and Geodetic Survey. They are filed and may be obtained as follows:

- (a) Original manuscript corrected after field edit. - The manuscript is being forwarded to the Geological Survey at this time for smooth drafting. It will be eventually returned to the Coast and Geodetic Survey and will be filed in the Division of Photogrammetry. Meanwhile it may be obtained from the Geological Survey if needed for nautical chart correction or other purposes.
- (b) Field edit sheets (2) - The field edit sheets are filed in the Division of Photogrammetry. ~~It~~ It will be loaned to the Geological Survey or other Divisions of the Coast and Geodetic Survey upon request.
- (c) Descriptive report. - The descriptive report together with a 1:20,000 scale photographic print of the manuscript ("a" above) is being registered in the Coast and Geodetic Survey archives at this time. When T-8345 is published a cloth-backed colored print will also be registered. The descriptive report will be withdrawn from the archives and loaned to the Geological Survey upon request.

*B. G. Jones 12/47*

B. G. Jones

Technical Assistant to the Chief,  
Division of Photogrammetry



## DATA RECORD

T- 8345 (E. half)  
(See W. Half at back of this report)

Quadrangle (II): Urbanna (Area north of Rappahannock River) Project No. (II): CS-289-4

Field Office: Washington, D. C. Chief of Party: K. T. Adams

Compilation Office: Washington Photogrammetry Division Chief of Party: R. W. Knox

Instructions dated (II III): February 29, 1944 Copy filed in Descriptive Report No. T- (VI)

~~Completed survey received in office:~~

Survey completed in office: July 5, 1945

Reported to Nautical Chart Section:

Reviewed: Applied to chart No. Date:

Redrafting Completed: 10/47

Registered: 12/47

Published:

Compilation Scale: 1:10,000

Published Scale: 1:31,680<sup>24 000</sup>

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927

Datum Plane (III): Mean Sea Level

Reference Station (III): Towles 3, 1942

Lat.: 37° 38' 31.836 Long.: 76° 30' 37.779 Adjusted  
Unadjusted

State Plane Coordinates (VI):

X = 2,576, 024.48

Y = 482, 601.22

Military Grid Zone (VI)



PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
44-C 459 to 467	1/7/44	12:09	1:24,000	0.0
44-C 493 to 499	1/7/44	1:09	1:24,000	-0.1
44-C 712 to 721	2/8/44	12:45	1:24,000	0.8

Tide from (III); Urbanna (Reference station, Hampton Roads)

Mean Range: 1.6

Spring Range: 1.9

Camera: (Kind or source) C&GS, Camera "C" 6" Metrogon Lens

Field Inspection by: <sup>Schupke</sup> R. E. Houtrouw date: March-April, 1944  
 Contours by H. R. Cravat & J. K. Wilson date: March-April, 1944  
 (See sketch in descriptive report T-8353)  
 Field Edit by: for area contoured in field date: Feb 6-15, 1946  
*A. J. LaFave*

Date of Mean High-Water Line Location (III); March-April, 1944

Projection and Grids ruled by (III) Ruling Machine date: Sept., 1944  
 " " " checked by: J. T. & S. Rose date: Sept., 1944  
 " " " checked by: P. J. H.  
 Control plotted by: J. Henningsen & S. W. Trow date: Oct., 1944  
 Control checked by: K. Maki & C. Hanavich date: Oct., 1944

Radial Plot by: See report on radial line plot date:  
 for 289-X-1 *under T-8353*

Detailed by: Multiplex, S. W. Trow & J. P. Webb date: Sept., 1944  
 date: July, 1945

Reviewed in compilation office by:

<sup>Manuscript</sup>  
 Elevations on ~~Field Edit Sheet~~  
 checked ~~by~~ against elevations on field date: June, 1945  
 photographs by: S. W. Trow, J. P. Webb & A. LaFave

STATISTICS (III)

Land Area (Sq. Statute Miles): 18.4 (North of Rappahannock River)

Shoreline (More than 200 meters to opposite shore): 9.6 Miles

Shoreline (Less than 200 meters to opposite shore): 2.1 Miles

Number of Recoverable Topographic Stations established: None

Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles: 22

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:

COMPILATION REPORT - *East Half*

26. Control. - See compilation report for project 289-X-1 in descriptive report for T-8353.
27. Radial Plot. - A 1:10,000 scale hand template radial plot with single-lens photos was used to control Multiplex strips. See compilation report for description of radial line plot.
30. Mean High-Water Line. - Mean high-water line was field inspected on 1:20,000 scale nine-lens photographs, numbers 12676, 12677, 13046 and 13048. These nine-lens photographs were used to locate the high-water line in the Multiplex models.
31. Low-Water and Shoal Lines. - A distinct line between the shoal areas and deep water shows on the single-lens photographs used for this project. This "shoal line" was plotted with the Multiplex as an aid to the hydrographic party. This "shoal line" is not to be shown on the published quadrangle.
35. Hydrographic Control. - All hydrographic stations shown were plotted by the Multiplex.

S. W. Trow  
Cartographer  
11-28-45

## FIELD EDIT REPORT

T-8345, Urbanna Quadrangle, East Portion, (3737.5/7630/7.5)

Project CS 289-X

Harland R. Cravat, Chief Of Party

The field edit survey was made by Mr. Azriel LaFave, Photogrammetric Engineer, from February 6, 1946 to February 15, 1946 in accordance with the Director's Field Edit Instructions dated August 24, 1945. During this time, vertical accuracy tests were also made.

### 46. Methods

The field edit was made in a truck over every passable road in the quadrangle, checking roads, buildings, drainage, and contours. Roads which were impassable at the time of edit were traversed on foot. Geographic names were checked with posted signs or with local residents. Political boundaries were checked by consulting the Lancaster County Clerk's Office.

All results of the field edit survey are shown on the field edit sheet or discrepancy overlay.

The following information resulting from the field edit survey is reported by item numbers, supplementing information under corresponding item numbers in the 1944 field inspection report for Project CS 289-X or the compilation report.

### 6. Contours.

The 20' contour is the only one which extends over the entire area. In the north portion of the quadrangle, the land is more dissected with deep draws. The 80' contour is present in this area. As is evidenced by the accuracy tests, (See Item 48) the contouring was very well done.

The drainage is made up of streams and creeks which are mostly at tide-water level.

### 9. Wharves and Shoreline Structures.

The only commercial wharf now in use is the oyster house dock at Bertrand. There is one other oyster house where the dock is in use by its own boats.

All other piers are privately owned and are for small vessels.

### 11. Landmarks and Aids to Navigation.

All aids to navigation were located by plane-table cuts. Three duck blinds were also located in this manner.

### 12. Boat Classification.



#### 14. Road Classification.

Roads were classified according to the Director's Instructions dated June 30, 1945.

There has been considerable road improvement since the field inspection, hence the several changes in road classification.

#### 15. Bridges.

There are no sizable bridges in this quadrangle.

#### 16. Buildings and Structures.

Many of the buildings are dwellings cheaply constructed and nearing the end of their useful life. There are a few larger, well kept dwellings along the shore.

#### 17. Boundary monuments and Lines.

The only line of this type is the one which divides Mantua and White Chapel Magisterial Districts. This line is indicated on the field edit sheet.

#### 18. Geographic Names.

The following names were furnished by these two men:

J. E. Hazard	Ship Carpenter	Bertrand, Va.
R. W. Webster	" "	" "

Ewell Prong	Confirmed name of
Millenbeck Prong	Whitehouse Creek

The names of Big Branch and Little Branch were confirmed by:

J. W. Pitts	Ferry Boat Operator	Merry Point, Va.
John Ball	Oysterman	" " "

They are branches of the Western Branch of the Corrotoman River.

The field edit man is aware that it is not the desire of the Geographic Names Board to perpetuate such general names as "Big Branch", "The Pond", "Little Fork" etc. however, these branches seem to be known by that name only.

45. Comparison With Nautical Charts.

Comparison was made with Nautical Chart #535. The planimetry shown on this quadrangle should supersede any planimetry shown on the chart.

47. Compilation.

The compilation seems satisfactory and complete. It was very apparent in the field that the shoreline was very well compiled and the photographs properly interpreted.

48. Accuracy Tests

There are three accuracy tests in this quadrangle.

TEST #1

Began at A and ended at B. 22 points tested.  
All points were in the open fields or along the road.  
There were no points out more than  $\frac{1}{2}$  contour interval.

TEST #2

Began at C and ended at D. 16 points tested.  
All points tested were taken along a 20' contour  
There were no points out more than  $\frac{1}{2}$  contour interval.

TEST #3

Began at E and ended at F. 17 points tested.

16 points in error from 0 to  $\frac{1}{2}$  contour interval  
1 point in error from  $\frac{1}{2}$  to a full contour interval.  
Horizontal Closure 0.6 mm. Vertical Closure 0.9'

This horizontal closure is somewhat higher than is desired but upon comparison of the photograph with the field edit sheet, it appears as though there was too great a distance between the starting and finishing points, enough to take care of most of this error.

481 Review of First Proof.

Mr. C. M. Keene of Ditchley, Va. has consented to review the first proof. His very favorable qualifications have been discussed in the report of T-8344.

It is the belief of the field edit man that he is the most competent of all reviewers whose names have been submitted on Project GS 289-X

Respectfully submitted,

Harland R. Cravat

## DATA RECORD

T- 8345 (West Half)  
(Southwest of Rappahannock River)

Quadrangle (II): Urbanna, 7 $\frac{1}{2}$ -min. Project No. (II): 289W-1  
(West Half)

Field Office: Washington Office Chief of Party: K. T. Adams

Compilation Office: Washington Chief of Party: K. T. Adams

Instructions dated (II III): Copy filed in Descriptive  
See field inspection report - Report No. T- 8339 (VI)  
copy filed in descriptive report for T-8339

~~Completed survey received in office;~~

Survey completed in office

Reported to Nautical Chart Section;

Reviewed: Applied to chart No. Date:

Redrafting Completed;

Registered: Published:

Compilation Scale: 1:20,000 Published Scale:

Scale Factor (III): 1.0

Geographic Datum (III): N.A. 1927 Datum Plane (III): MSL

Reference Station (III): TOWLES 3, 1942

Lat.: 37°38'31.836 Long.: 76°30'37.779 Adjusted  
Unadjusted

State Plane Coordinates (VI): Virginia South State Grid

X = 2,576,024.48 ft. Y = 482,601.22 ft.

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
12868 - 71	12-31-42	11:10	1:20,000	0.12 ft. above MLW
12882 - 84	12-31-42	11:35	1:20,000	0.12 ft. " "
13047	1- 1-43	11:04	1:20,000	0.44 ft. " "

Tide from (III): Urbanna (Reference Station, Hampton Roads)

Mean Range: 1.6 Spring Range: 1.9

Camera: (Kind or source) U.S.C. & G.S. Nine-lens

Field Inspection by: date:

Field Edit by: date:

Date of Mean High-Water Line Location (III):

Projection and Grids ruled by (III) Ruling Machine date: Oct. 1945  
S. Rose

" " " checked by: date:

Control plotted by: A. H. Faulds date: June 1945

Control checked by: G. B. Willey date: June 1945

Radial Plot by: A. H. Faulds and G. B. Willey date: June 1945

Detailed by: Stereocartograph; W. D. Harris date:  
O. N. Dalbey

Reviewed in compilation office by: date:

Elevations on Field Edit Sheet  
checked by: date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 15.3 sq. mi. (South of Rappahannock River)

Shoreline (More than 200 meters to opposite shore): 25 miles

Shoreline (Less than 200 meters to opposite shore): 6 miles

Number of Recoverable Topographic Stations established: None

Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles: 17 miles

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:

COMPILATION REPORT T-8345 (West Half)

26. Control. - See the compilation report for T-8347 for list and discussion of horizontal control.

Vertical Control. - Spirit levels and trigonometric levels furnished about 17 miles of level lines for the west half of this quadrangle. Elevations were obtained about every half mile along the level lines which were along roads. The shoreline was used to supplement the levels in leveling the model on the stereocartograph.

27. Radial Plot. - The radial plot for this area included T-8346 and T-8347 and the report was filed in the descriptive report for T-8347.

28. Detailing. - The methods used in detailing this sheet were the same as those used on T-8347 and are discussed in the descriptive report of T-8347. The stereocartograph was employed for both planimetry and contours.

30. Mean High-Water Line. - The mean high-water line was field inspected on the 1:20,000 scale nine-lens photographs numbers 12869 - 70 & 82.

31. Low-Water and Shoal Lines. - A distinct line between the shoal areas and deep water shows on the photographs. This "shoal line" was plotted as an aid to the hydrographic party. It is not to be shown on the published quadrangle.

44. Comparison with Existing Topographic Quadrangles. Frequent comparison, during the instrument procedure, was made with the Urbanna quadrangle, 15 minutes, U. S. Geological Survey, 1917, 1:62,500, and a remarkable consistancy was observed, with no great discrepancies.

45. Comparison with Nautical Charts. - Comparison with Chart 535, U. S. Coast and Geodetic Survey, 1:40,000, indicated no major changes.

*William D. Harris*  
William D. Harris

April 15, 1946

*G. C. Tewinkel*  
G. C. Tewinkel



## FIELD EDIT REPORT

T-8345(W $\frac{1}{2}$ ), Urbanna Quadrangle (3738.5/7630.5/7.5)

Project CS 289 W-1

Robert A. Horn, Chief of Party

This field edit survey was made between June 24, 1946 and July 19, 1946 by Robert A. Horn, Topographic Engineer, in accordance with the Director's Field Edit Instructions dated August 24, 1945.

### 46. Methods

All delineated data such as roads, structures, contours, and drainage were checked by riding or walking over all passable roads in this quadrangle. The shoreline and off-shore details were checked by walking along the shore or observing details from a strategic position where a large portion of the shoreline was visible. Geographic names and political boundaries were checked with local residents, posted signs, and county records. One vertical accuracy test was made using the approved procedures in addition to the various independent checks made on contours.

All results of the field edit survey are shown on the field edit sheet and reference is made on this sheet to a photograph on which the correction or addition can be determined. The positions of such details on the field edit sheet are approximate; the photograph indicated should be consulted for exact locations.

Information obtained during the field edit survey is as follows:

#### 4. Horizontal Control.

There were no discrepancies noted in any of the points of horizontal control.

#### 5. Vertical Control

No errors were discovered in any vertical control points.

#### 6. Contours and Drainage.

Contours on this sheet appeared adequate. There were several minor adjustments made on contours, chiefly in the vicinity of the accuracy test. Also, in the southeast corner of the

## FIELD EDIT REPORT

T-8345(W $\frac{1}{2}$ ), Urbanna Quadrangle (3738.5/7630.5/7.5)

Project CS 289 W-1

Robert A. Horn, Chief of Party

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### 46. Methods

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All results of the field edit survey are shown on the field edit sheet and reference is made on this sheet to a photograph on which the correction or addition can be determined. The positions of such details on the field edit sheet are approximate; the photograph indicated should be consulted for exact locations.

Information obtained during the field edit survey is as follows:

#### 4. Horizontal Control.

There were no discrepancies noted in any of the points of horizontal control.

#### 5. Vertical Control

No errors were discovered in any vertical control points.

#### 6. Contours and Drainage.

Contours on this sheet appeared adequate. There were several minor adjustments made on contours, chiefly in the vicinity of the accuracy test. Also, in the southeast corner of the

quadrangle a 20' and a 40' contour were completed.

Drainage also appeared adequate. An alteration of the shoreline and drainage delineation was necessary in Urbanna Creek, south of the town. Also southeast of Remlik Hall one pond was added and one pond enlarged. With these corrections it is felt that the drainage as shown is complete.

#### 9. Wharves and Shoreline Structures.

Wharves and shoreline structures required a considerable amount of corrections and additions, particularly in the Urbanna area. Construction, fire, and storms make these features an extremely variable subject.

#### 10. Details Off-shore from High Water Line.

One pile that should be shown was located near the headwaters of Robinson Creek. There were no other additions or corrections.

#### 11. Landmarks and Aids to Navigation.

There is a prominent white flag pole on Balls Point which has the qualities of a good landmark feature. Its position is indicated on the sheet and on the photograph noted.

Black Can 1-A, at approximately one mile east of Smoky Point, was indicated generally. It is located definitely on Quad. Sheet T-8345(East  $\frac{1}{2}$ ).

Urbanna Creek Outer and Inner Lights checked satisfactorily.

#### 14. Road Classification.

Several road classifications were changed, and a few additions, corrections, and completions made. In general the road delineations were adequate.

#### 15. Bridges

Bridges were shown in all the required positions. It is felt that a more proper definition of the bridge at Urbanna, on highway # 227, would be "Swing-Draw" rather than just "Draw". Technically it is a Swing-Draw-Swing Bridge, and it revolves on a pivot rather than one end rising. Consequently Swing-Draw Bridge would be more appropriate and should suffice for its description.

#### 16. Buildings and Structures

With the accelerated construction in progress it was

necessary to add a large number of buildings. Many of them are the old buildings which had been deleted on interior or field inspection, but now due to their improvement warrant being shown on the sheet.

At Remlik Hall there is a small race track which is completely enclosed by a building. On the southside of this structure there is a large stable. The stable and the structure housing the race track should be shown together since they are both part of the same building.

#### 17. Boundary Monuments and Lines.

There were no discrepancies found in boundary monuments and lines.

#### 18. Geographic Names.

These names were all checked with either County records, posted signs, or local residents. The changes are as follows:

- ✓ 1. The spelling of Jamaica (District) has been changed on the sheet from Jamacia to Jamaica.
- ✓ 2. The word Streets, in the vicinity of Remlik P.O., has been deleted. Streets is the old name of the area and was officially changed to Remlik about eight years ago. Two local residents who verified this are:
  - (a) Mr. J.C. Bray, Farmer, Remlik P.O., Virginia.
  - (b) Mr. J.M. Derieux, Postmaster, Remlik P.O., Va.
3. Change Lebanon Church to Lebanon Baptist Church.  
References:
  - (a) Mrs. J.F. Hughes, Homemaker, Urbanna P.O., Va.
  - (b) Mr. C.A. Cox, Storekeeper, Urbanna P.O., Va.
4. Add Pilgrim Holiness Church.  
Same references as # 3
5. It is recommended that "Lord-Mott Co." be placed in the vicinity of, and in addition to, Remlik Wharf. In the past, during the steamboat era, it was known only as Remlik Wharf. Now the Lord-Mott Co. has taken over the area and operate a food processing plant--actually a cannery. Consequently the older residents refer to it as Remlik Wharf and the younger generation call it Lord-Mott Co. To be complete and correct it should carry both names. Two local residents who verified this are:

*neither of these names shown as the town name of Remlik as shown in this vicinity locality H.C.H.*

- (a) Mr. T.H.Prince, Garage Operator, Urbanna P.O., Va.  
(b) Mr. R.A.Taylor, Jr., Retired, Urbanna P.O., Virginia.

47. Adequacy of Compilation.

The compilation appears adequate and complete in this quadrangle.

48. Vertical Accuracy Test.

One vertical accuracy test was made in the general area of Lat. 37-38.5 and Long. 76-36.5. It was felt that one test was sufficient since the land area was quite limited. Also, many independent checks were made, as requested on the discrepancy overlay, of various other contours. The results of the test are as follows:

- 30 - Points tested
- 24 - Points in error less than  $\frac{1}{2}$  contour interval.
- 6 - Points in error between  $\frac{1}{2}$  and 1 contour interval.
- 0 - Points in error over one full contour interval
- \*80% of points tested are within  $\frac{1}{2}$  contour interval.
- Horizontal Closure - 0.5mm      Vertical Closure - 1.2'
- \*Note: 80% without shift applied. 90.3% when shift was applied.

49. Review of First Proof.

Mr. E.M.DeBusk, County Farm Agent, Saluda, Virginia, has been requested to review one of the first proofs of this quadrangle. Mr. DeBusk works daily in and about this area and consequently is very familiar with the locality. It is felt that he is well qualified to make the review.

Respectfully submitted,

*Robert A. Horn*  
Robert A. Horn  
Topographic Engineer



## NONFLOATING AIDS OR LANDMARKS FOR CHARTS

**STRIKE OUT ONE**

August 16

19

I recommend that the following objects which have 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 by

D. V. Griffiths

*Chief of Party.*

[illegible]

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. 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.



# GEOGRAPHIC NAMES

Survey No. T-8345

URBANNA 7 $\frac{1}{2}$ ' quad.

1 Name on Survey

	A	B	C	D	E	F	G	H	K	
Virginia									USGB	1
Lancaster County										2
Mantua District										3
Whitechapel District			(one word, per Census Map)							4
Middlesex County										5
Jamaica District										6
Saluda District										7
Rappahannock River										8
States Nos. 227, 354										9
										10
East side river, south to north:										11
Towles Point ✓									USGB	12
Whitehouse Creek ✓										13
Bertrand ✓										14
Wyatt Creek ✓										15
Beach Creek ✓										16
Rogue Point ✓										17
Senora ✓										18
Bulls Creek ✓										19
Lower Corrotoman ✓			(area)							20
Evalls Prong ✓										21
Millenbeck Prong ✓										22
Hartsville Church ✓										23
Paynes Creek ✓										24
Lowrey Creek ✓										25
Ottoman ✓										26
Greenvale Creek ✓										27

# GEOGRAPHIC NAMES

Survey No. T-8345

2

Name on Survey

	A	B	C	D	E	F	G	H	K	
<u>Rocky Neck</u> ✓										1
<u>Western Branch Corrotoman River</u> (including Big Branch of Field Edit)										2
<u>Little Branch</u> ✓										3
<u>Whitea Chapel</u> ✓										4
<u>Mollusk</u> ✓										5
<u>Senior Creek</u> ✓										6
<u>Monaskon</u> ✓										7
<u>Davis Creek</u> ✓										8
										9
<u>West side of river, north to south:</u>										10
<u>Mad Creek</u>										11
<u>The Punchbowl</u>										12
<u>Parrotts Creek</u>										13
<u>Waterview</u>									USCB	14
<u>Smoky Point</u>										15
<u>Harry George Creek</u>										16
<u>Stove Point</u>										17
<u>Stove Point Road</u>										18
<u>Weeks Creek</u>										19
<u>Corbin Hall</u>										20
<u>Corbin Hall Road</u>										21
<u>Long Point</u>										22
<u>Lagrange Creek</u>										23
<u>Remlik Hall</u>										24
<u>Remlik</u> (village)										25
<u>Pilgram Holiness Church</u>										26
<u>Pine Tree</u>										27

# GEOGRAPHIC NAMES

Survey No. T-8345

3 Name on Survey

	A	B	C	D	E	F	G	H	K	
<u>Robinson Creek</u>										1
<u>Balls Point</u>										2
<u>Remlik Wharf</u>										3
<u>Lord-Mott Co.</u>										4
<u>Lebanon Baptist Church</u>										5
<u>Pine Grove School</u>										6
<u>Town Branch</u>										7
<u>Urbanna</u>									USGB	8
<u>Urbanna Creek</u>									"	9
<u>Urbanna Grade School</u>										10
<u>Bailey Point</u>										11
<u>Rosegill Lake</u>										12
<u>Glebe Swamp</u>										13
										14
										15
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Names underlined in red  
are approved.

L. Heck  
10/2/47

Division of Photogrammetry  
Review Report of  
Topographic Map Manuscript T-8345

Quadrangle T-8345 was originally compiled in two sections, T-8345 E1/2 by the multiplex, scale 1:10,000 and T-8345 W-1/2 by the nine-lens plotter, scale 1:20,000. An independent office inspection and field edit was made for each section.

The multiplex sheets were later reduced to 1:20,000 and traced directly onto the nine-lens plotter manuscript, which resulted in all of quadrangle T-8345 being compiled on the one manuscript. The field edit and final review were applied to both the manuscript and the original multiplex sheets.

27. Radial Plot:

Pass points and photograph centers established by the radial plots and the existing horizontal control covering the area of this quadrangle were used by the multiplex and nine-lens plotter, in compiling the planimetric and topographic features.

The radial plot reports for the area have been filed with descriptive reports T-8347 and T-8353.

28. Detailing:

All field edit data has been applied to the manuscript and it is believed to be complete.

34. Landmarks and Aids to Navigation:

Form 567 has been submitted to Nautical Charts, a copy of which is attached to this report, for the following landmarks and aids to navigation as investigated and recommended by the field edit party.

FLAGPOLE, WHITE  
URBANNA CREEK OUTER LIGHT  
URBANNA CREEK INNER LIGHT

44. Comparison with Existing Topographic Surveys:

Comparison was made with the following (A) Previous Surveys and (B) Quadrangle, and the planimetry and topography in all common areas is superseded by T-8345.

(A) Previous surveys

T 601	1:10,000
T 603	1:10,000
T 659	1:10,000
T 661	1:10,000
T 2870	1:20,000

(b) Quadrangle

U.S.G.S. Urbanna, Va. 15' 1:62,500 1917  
reprint 1934.

45. Comparison with Nautical Charts:

The following nautical chart has been compared with manuscript T-8345. 535 1:40,000 published 1932, reissued 1939.

Only detail immediately adjacent to the shoreline appears on this chart. In general, common features are in agreement. This map manuscript has not been applied to the nautical chart.

47. Adequacy of Compilation:

This compilation is believed to be adequate and complete. It meets all national map accuracy requirements.

48. Accuracy Tests:

A complete examination of the vertical accuracy tests as described under items 48 of Field Edit Reports T-8345 W 1/2 and T-8345 E 1/2 was made.

Even though the most difficult and questionable areas were tested on the west 1/2 of T-8345 the map was found to be well within national standards of map accuracy after a .6 mm shift was applied at the 1:20,000 manuscript scale. The results are as follows:

90 Points tested
87 Points in error <sup>less than</sup> between 1/2 contour interval
3 Points in error between 1/2 and 1 full contour
0 Points in error over 1 full contour interval
96% of Points in error less than 1/2 contour interval

Reviewed by:

Reviewed under direction of:

*Harland R. Cravat*

Michael G. Misulia &  
Harland R. Cravat

*S. V. Griffith*

S. V. Griffith  
Chief, Review Section

Approved by:

*B. J. Jones 12/47*

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