

# 8305

Diag. on Diag. Ch. No. 78-3

Form 504

## U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

### DESCRIPTIVE REPORT

Type of Survey Air Photographic Topographic

Field No. \_\_\_\_\_ Office No. T-8305

#### LOCALITY

State Virginia

General locality Isle of Wight County and  
Nansemond County

Locality Benns Church

194 4

#### CHIEF OF PARTY

FL. Gallen

Fred. L. Peacock

#### LIBRARY & ARCHIVES

DATE September 16, 1946

# 8305

DATA RECORD

Form T-1

T-8305

Quadrangle (II); 7½ minute BENNS CHURCH Project No. (II); C.S. 289  
N 36 52.5 - W 76 30

Field Office: Suffolk, Va.

Chief of Party: F. L. Gallen

Compilation Office: Baltimore, Md.

Chief of Party: Fred. L. Peacock

Instructions dated (II III);  
Mar. 13, Oct. 20, and Nov. 25, 1943  
Jan. 18, 1944

Copy filed in Descriptive  
Report No. T- (VI)

Completed survey received in office; 5/23/44

Reported to Nautical Chart Section; 5/24/44

Reviewed: 6/14/44

Applied to chart No.

Date;

Redrafting Completed; 7/25/44

Registered;

8/46

Published; 1944

Compilation Scale: 1:20,000

Published Scale: 1:25,000

Scale Factor (III); None

Geographic Datum (III); N. A. 1927

Datum Plane (III); Mean Sea Level

Reference Station (III); HOLLOWAY, 1932

Lat.: 36° 55' 16.956" (522.7m) Long.: 76° 34' 50.878" (1259.3m) Adjusted  
~~Unadjusted~~

State Plane Coordinates (VI); Va South Zone

X =

Y =

Military Grid Zone (VI)

A

B overlapping

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>War Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
12693 to 12696 Inc.	11/28/42	2:20 P.M.	1:20,000	2.48' above M.L.W.
12704 to 12706 Inc.	11/28/42	2:24 P.M.	1:20,000	2.48' above M.L.W.
12854 to 12856 Inc.	12/31/42	9:54 A.M.	1:20,000	0.2' above M.L.W.
12896 to 12897 Inc.	12/31/42	10:48 A.M.	1:20,000	0.31' above M.L.W.

Tide from (III): Predicted tables, Reference Station, Hampton Roads, Va.  
with corrections to Chuckatuck Creek entrance.

Mean Range: 2.8'

Spring Range: 3.4'

Camera: (Kind or source) U.S. Coast & Geodetic Survey nine lens camera  
(focal length 8 $\frac{1}{4}$ " )

Field Inspection by: W.E.Clark, Louis Levin and  
Gordon Bowker

date: Jan. & Feb. 1944

Field Edit by:

date:

Date of Mean High Water Line Location (III): Same as date of photographs

Projection and Grids ruled by (III) B.R.C. - J.T.B.

date: 2/23/44

" " " checked by: B.R.C. - L.V.E.

date: 2/23/44

Control plotted by: Sidney Mittleman

date: 3/5/44

Control checked by: M. Walworth

date: 3/8/44

Radial Plot by: Joseph Steinberg

date: 4/19 to 4/21/44

Detailed by: A. Gibson, N. Hallock & J. Fitzgerald

date: 4/29 to 5/18/44

Reviewed in compilation office by: Harold Brooks

date: 5/18/44

Manuscript elevations checked by: [illegible] [illegible] [illegible] [illegible] [illegible]

Elevations on Field Edit Sheet

checked by: [illegible] [illegible] [illegible]

date: 6/14/44

**STATISTICS (III)**

**Land Area (Sq. Statute Miles); 53**

**Shoreline (More than 200 meters to opposite shore); 15 Statute Miles**

**Shoreline (Less than 200 meters to opposite shore); 32 Statute Miles**

**Number of Recoverable Topographic Stations established; 13**  
(12 bench marks and 1 azimuth reference monument)

**Number of Temporary Hydrographic Stations located by radial plot;**

**Leveling (to control contours) - 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;**

## **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-A1 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.

FIELD INSPECTION REPORT  
QUADRANGLE T-8305  
Project 289 (South)  
F.L. Gallen Chief of Party.

1. Most of the area covered by this quadrangle lies within Isle of Wight County, the remainder, the south eastern section, being in Nansemond County, Virginia. The quadrangle lies on the southwest bank of the James River, mostly between Pagan and Chuckatuck Creeks, and the majority of the drainage flows to these streams.

This area is mostly farm land with a few small settlements being scattered throughout the area. The cultivated fields near the rivers are mostly flat and sandy, dropping abruptly into the drains or to the rivers edge. Those fields back from the rivers are quite flat, some being slightly rolling. There is a small portion of this quadrangle adjacent to the west end of the James River Bridge that is marshy, with a few scattered low hills that are covered with stands of pine. There is one small farm situated out near the river on one of these small hills, which is as present owned by an oyster-man who travels to and from it by boat.

A good highway system covers the area. U.S. Highway No. 17, a part of the James River system of highways, and State Route No. 52, are the principal highways and in addition there are other surfaced roads. The unsurfaced roads are muddy after periods of wet weather.

2. The field inspection is thought to be complete in all details.
3. The photographs are typical for this area.
4. A separate Accuracy of Identification Report has been submitted for part of the area, the remainder of the area is covered by Project No. 285 .
5. See Report for Quadrangle T-8295.
6. Contouring was done with standard Coast and Geodetic Survey equipment by approved methods. Very few traverses were necessary as there was sufficient local control in most cases. The few traverses that were run were checked both horizontally and vertically, and were well within the accuracy limits.

The small depression contour near the James River Bridge Corp. Bldg. was caused by the fill when the highway was constructed. No culvert was ever constructed to drain this area.

An elevation was set on the highest point of the farm mentioned in the description by a hand level line taken from the water level of the James River.

7. The mean high water along the James River was not inspected on this project due to previous inspection on Project 283. All field inspection was by the topographer.
8. to 11 See Report for Quadrangle T-8295.
12. This area is included in Project 283 and H & T stations were established on that project.
13. There are no landing fields or aeronautical aids in this area.
14. to 16 See Report for Quadrangle T-8295.
17. The Nansemond - Isle of Wight County line crosses the southeast corner of this quadrangle. All original data on this line was destroyed by a fire which razed the county courthouse. Existing maps are now source material for the boundary line. Local inhabitants were consulted to find points on the boundary line, mostly where it crosses roads, and these points have been shown on the photographs. The U.S.G.S. 15 minute quadrangle map shows the boundary as a straight line from the south boundary of the quadrangle to the mouth of a small stream. On the photograph the northeast end of this line is shown as following the stream which is the dividing line for taxes paid to the respective counties.
18. See Report for Quadrangle T-8295.

Submitted by:

Gordon Bowker *for J. L. G.*

Gordon Bowker  
Sr. Photo. Aid

Approved and forwarded:

*F. L. Gallen*

F. L. Gallen  
Chief of Party



26 CONTROL:

The Field Party responsible for the identification of horizontal control in the area of Project C.S. 283, recovered and identified on the 1:10,000 field photographs the following horizontal control stations, namely:

GOODWIN (<sup>F.C.</sup>~~V.G.F.~~), 1938  
SMITHFIELD BLACK WATER TANK, 1932  
TT-1, 1918 C, 1935 (U.S.G.S.)  
MAX (<sup>F.S.</sup>~~V.G.F.~~), 1938  
TERMINAL 2, 1941  
FIELD, 1934  
KISH, 1934  
KITTY, 1934  
CHUCKATUCK CR. BRIDGE E. TOWER, 1934  
BRIDGE, 1934  
HOLLOWAY, 1932  
GIRTIE, 1934  
OWENS, 1934  
\*JONES CREEK LIGHT NO. 2, 1938 Evidently mis-identified on the photos.

~~\*The geographic position of JONES CREEK LIGHT NO. 2 was reported in disagreement with its identified location in the descriptive report of Map Drawing for Survey No. T-8062. The Compilation Office, during the compilation of this Map Manuscript, verifies all the statements made in the descriptive report for Survey No. T-8062, concerning this horizontal control station.~~

The above horizontal control stations were transferred from the 1:10,000 field photographs to the 1:20,000 office photographs at the Compilation Office.

The Field Party responsible for the identification of horizontal control for War Mapping Project C.S. 289 recovered and identified on the nine lens 1:20,000 field photographs the following horizontal control stations:

NIX'S CLUBHOUSE, 1934  
BUDDY, 1934

26 CONTROL: (Continued)

The Field Parties established Field Inspection Points at well defined points of detail near many of the above horizontal control stations.

27 RADIAL PLOT:

The radial plot for this Map Manuscript is part of the Main Radial Plot No. 5 of Project C.S. 289, the descriptive report for which will be included in the descriptive report of Map Manuscript for Survey No. T-8293, which will be submitted to the Washington Office in the near future.

The field inspection data furnished the Compilation Office for this Map Manuscript were in general, satisfactory. Field inspection data of Project C.S. 283, concerning in most part the High-Water Line and adjacent areas, accomplished by Lieut. E. B. Lewy in the summer and fall of 1942, were used to supplement the field inspection data furnished by the War Mapping Field Party.

In most cases the field inspection data was transferred to the office photographs and then detailed. However, it was found advantageous, in some cases, to prick the detail points on the field photographs and detail directly therefrom.

Tree areas have been shown with a symbol in green acid ink and classified in accordance with instructions received from the Washington Office..

All drainage and the limits of marsh areas, where not clearly defined on the photographs, were verified by stereoscopic examination of the photographs. Drainage wide enough to show both shores to advantage has been shown with black acid ink lines. All other drainage has been shown with a single line in blue acid ink, using the conventional symbols for perennial or intermittent streams.

This Map Manuscript has been detailed in accordance with the field inspection data of Project C.S. 289 and

27 RADIAL PLOT: (Continued)

Project C.S. 283, and careful examination of the office photographs.

29 SUPPLEMENTAL DATA:

The following previous surveys made by the U. S. Coast & Geodetic Survey cover portions of this Map Manuscript, namely:

Survey No.	Date	Scale
T-497	1853	1:20,000
T-505	1851	1:20,000
T-1265	1871-72	1:20,000
T-1266	1871-73	1:20,000
T-1353	1874	1:10,000
H-3045	1910	1:20,000
H-3039	1909	1:10,000
T-6422a	1934	1:10,000
T-6422b	1934	1:10,000

None of the above surveys were available to the Compilation Office.

An ozalid print of a recent previous Survey No. T-8062, Scale 1:10,000, made in December 1942, from photographs taken in November 1941, was available to the Compilation Office.

30 MEAN HIGH-WATER LINE:

The stage of tide of all the photographs was computed to aid in the delineation of the High-Water Line and marsh lines (limits of navigation). The field inspection data from Project C.S. 283 aided materially in this interpretation.

31 LOW-WATER AND SHOAL LINES:

The approximate Low-Water and Shoal Lines were detailed from office examination of the nine lens

31 LOW-WATER AND SHOAL LINES: (Continued)

photographs aided by field inspection data.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

All details offshore from the High-Water Line are noted in the descriptive report of Map Drawing for Survey No. T-8062. The compilers of this Map Manuscript concur in the statements made in that descriptive report on this subject.

33 WHARVES AND SHORELINE STRUCTURES:

All piers, wharves and other shoreline structures indicated by field inspection data, and those not indicated by field inspection data but appearing on the nine lens photographs have been detailed and labeled. An excellent agreement is noted with the Map Drawing for Survey No. T-8062.

34 LANDMARKS AND AIDS TO NAVIGATION:

See Chart Letter 917 (49) Copy enclosed.

These subjects are fully covered in the remarks in the descriptive report of Map Drawing for Survey No. T-8062, in which the compilers of this Map Manuscript concur. ~~Chart Letter 479-44~~

35 HYDROGRAPHIC CONTROL:

The Compilation Office was not furnished any additional data concerning hydrographic control other than that to be found in the descriptive report of Map Drawing for Survey No. T-8062.

36 LANDING FIELDS AND AERONAUTICAL AIDS:

According to Paragraph 13 of the field report, there are no landing fields or aeronautical aids within the limits of this Map Manuscript.

37 DISCREPANCY OVERLAY:

A discrepancy overlay has been prepared to accompany this Map Manuscript. On it are such notes as are deemed likely to be of assistance during the field edit. A set of general notes is included to aid in the interpretation of the symbols shown on this Map Manuscript. Attention is called to an overlay prepared during the compilation of Map Drawing for Survey No. T-8062, on which may be found notes which may prove helpful in the field edit of this Map Manuscript.

38 GEOGRAPHIC NAMES:

The results of a geographic names investigation were furnished the Compilation Office on a copy of the U. S. Geological Survey Smithfield, Va. 15 minute quadrangle. Only the undisputed names are shown on the Map Manuscript. A list of undisputed, disputed and recommended geographic names is attached to this descriptive report.

39 HORIZONTAL ACCURACY:

The horizontal accuracy of this Map Manuscript is believed to be within the limits as set forth for well defined and less well defined points of detail for War Mapping Projects.

40 RECOMMENDATION FOR FUTURE SURVEYS:

The planimetry as shown on this Map Manuscript, is believed to be complete, except as noted herein. It is subject to additions, corrections and deletions at the time of the field edit.

41 RECOVERABLE TOPOGRAPHIC STATIONS:

Form 524 is being submitted for each of twelve bench marks and one azimuth reference monument. All were established by radial intersections.

42 REMARKS:

The description of the area of this Map Manuscript as prepared in the field report, is adequate.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Due to scale difference only a visual comparison could conveniently be made with the U. S. Geological Survey Smithfield, Va. 15 minute quadrangle. The relocation of a bridge at approximate Lat.  $36^{\circ} 59' 35''$ , and Long.  $76^{\circ} 33' 50''$ , is noted. Other man made changes are evident. Common planimetric details are in fair agreement.

Comparison was made by use of the vertical projector, with an ozalid of Map Drawing for Survey No. T-8062, scale 1:10,000. All planimetric detail is in excellent agreement. A very slight difference of interpretation of a marsh line at approximately Latitude  $36^{\circ} 58' 45''$  and Longitude  $76^{\circ} 31' 30''$ , is noted.

45 COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart No. 529, Scale 1:40,000. Common planimetric details are in good agreement.

Respectfully submitted:  
May 19, 1944

Ambrose J. Gibson  
Ambrose J. Gibson  
Photogrammetric Aid

and

Natalie Hallock  
Natalie Hallock  
Jr. Engineering Draftsman

and

Margaret J. Fitzgerald  
Margaret J. Fitzgerald  
Jr. Engineering Draftsman

Map Manuscript, Discrepancy  
Overlay and Descriptive Report  
Reviewed by:

Harold R. Brooks  
Harold R. Brooks  
Sr. Engineering Aid

Compilation of Map Manuscript  
Supervised by:

Joseph Steinberg  
Joseph Steinberg  
Asst. Photogrammetric Engineer

and

J. Edward Deal, Jr.  
J. Edward Deal, Jr.  
Asst. Photogrammetric Engineer

Approved and Forwarded:  
May 20, 1944

Fred. L. Peacock  
Fred. L. Peacock  
Commander C. & G. Survey  
Officer-in-Charge  
Baltimore Photogrammetric Office



GEOGRAPHIC NAMES

Undisputed

✓Ballard Marsh  
✓Ballard Marsh Creek  
✓Battery Park  
✓Benns Church  
✓Bowling Green Rd.  
✓Bonny Winall Creek  
✓Bonny Winall Pt.  
✓Brewers Creek  
✓Cat Ponds  
✓Carrollton  
✓Carrollton Br.  
✓Chalmers Pt.  
✓Champion Swamp  
✓Cherry Grove  
✓Chuckatuck Creek  
✓Crittenden Road  
✓Crittenden Toll Bridge  
✓Cypress Creek  
✓East Island  
✓Fulgham Bridge  
✓Gatland Point  
✓Hobson  
✓Holly Point  
✓Isle of Wight County  
✓James River  
✓James River Bridge  
✓Jones Creek

✓Kings Creek  
✓Longview  
✓Milteer Creek  
✓Milteer Ledge  
✓Moores Pt.  
✓Muddy Cross  
✓Nansemond County  
✓Nansemond River  
✓Nix Cove  
✓Nix Wharf  
✓Packetts Wharf  
✓Pagan River (U.S.G.S.)  
✓Point of Marsh  
✓Ragged Island  
✓Ragged Island Creek  
✓Red Point  
✓Rescue  
✓Rescue Rd.  
✓Smithfield Bridge  
✓Smithfield Road  
✓Smith Neck  
✓Smith Neck Creek  
✓Smith Neck Road  
✓Titus Creek  
✓Town Farm Creek  
✓White Marsh Road  
✓Whitely Wharf  
✓Wills Corner



# GEOGRAPHIC NAMES

## Disputed

Cooper Creek  
Morris Creek  
Puttins Bridge

## Recommended

Coopers Creek  
Moons Creek  
✓ Titus Bridge

FIELD EDIT REPORT  
TO ACCOMPANY  
QUADRANGLE T-8305  
PROJECT CS-289 A-1 (South)  
F. L. Gallan                      Chief of Party

5. The designation and elevation of each bench mark have been checked on the map manuscript. The fly-level elevations will be checked by the Washington Office.
10. The areas indicated on the discrepancy overlay in which Chart 529 shows piling, etc. off-shore from the high water line were investigated in the field and the map manuscript has been corrected accordingly. Except for ruins of old piers most of the pilings are more in the nature of stakes used for fish nets and for mooring boats.
11. No positions were shown on the map manuscript or the discrepancy overlay for aids to navigation with the exception of Jones Creek Light 2, and it was assumed that these aids with the exception of the one mentioned above were adequately located on Project CS-283. Three plan-table cuts were taken to Jones Creek Light 2 and a good intersection was secured at a point about three meters southeast of the 1938 triangulation position and it is assumed that the triangulation position is correct and Forms 524 and 567 are not being submitted.
15. Bridges have been classified according to instructions and where the bridge symbol is shown on the map manuscript and the actual bridge is too short to be classified the structure has been marked as a culvert on the map manuscript.
16. Buildings added to the map manuscript during the field edit have been classified.
46. The field edit was accomplished by visual inspection in the field making all corrections directly on a copy of the map manuscript. The various field edit notes have been inked on the ozalid copy of the map manuscript according to the following color scheme:

Additions .....	Black
Deletions .....	Green
Drainage .....	Blue
Contours .....	Brown
Notes on the discrepancy overlay have been checked off in red ink.	
47. The compilation is believed to be complete and accurate as shown on the field edited ozalid copy.
48. The horizontal accuracy test in this quadrangle will be scaled by the Washington Office.

48. Continued:

One test was made to determine the accuracy of the contours in this quadrangle. A planetable traverse was run on a photograph used for locating horizontal control and spot elevations were placed on the photograph. The contours from the contour photograph were tested by placing a tracing of the regular contours over the test elevations.

The test traverse was run by Gordon Bowker on Photograph No. 12354 and tested the work of Louis Levin on the contour photograph of the same number. The results of the test were satisfactory and indicate that the contours in this quadrangle comply with the national standard map accuracy requirements.

49. The junction with quadrangle T-8294 on the south is satisfactory. At the junction with quadrangle T-8304 on the east the following changes should be made on T-8304:

State Highway 192 at Latitude 36-54 should be labelled "Rd. 2" instead of "Rd. 1".

The "Trail 5" at Latitude 36-57.5 should be deleted as it is not possible to follow a definite route for this trail on quadrangle T-8305.

The junction with quadrangle T-8312 on the north has been checked and the following should be added to T-8312.

The road at Longitude 76-33.4 should be labelled "Rd. 4".

Submitted by:

W. E. Clark  
W. E. Clark  
Sr. Photo. Aid  
by *W. E. Clark*

Approved and forwarded by:

*F. L. Gallen*  
F. L. Gallen  
Chief of Party  
by *W. E. Clark*

*Horizontal Accuracy Test No. 1. (for T-8294 & T-8305)  
is found with descriptive report T-8294.*

# GEOGRAPHIC NAMES

Survey No. T-8305

BEKINS CHURCH quadrangle

1 Name on Survey

	A	B	C	D	E	F	G	H	K	
Virginia	/									1
Nansemond County :	/									2
Isle of Wight County:	/									3
U.S. No. 17	/									4
State No. 32	/									5
State No. 192	/									6
State No. 152 ?	/									7
James River	/									8
Nansemond River	/									9
Pagan River	/									10
	/									11
Nix Wharf	/									12
Nix Cove	/									13
Crittenden Road	/									14
Hobson	/									15
Milteer Landing	/									16
Milteer Creek	/									17
Packetts Wharf	/									18
Chushatuck Creek	/									19
Cherry Grove	/									20
Wills Corner	/									21
Oat Ponds	/									22
Longview	/									23
Bowling Green Road	/									24
Muddy Cross	/									25
Champion Swamp	/									26
	/									27

## Remarks.

## Decisions

1		USCB
2		
3		
4		Road Maps
5		"
6		"
7		"
8		"
9		368764 USCB
10		"
11		370765 USCB
12		"
13		368765
14		"
15		"
16		"
17		"
18		"
19		"
20		<sup>6</sup> 36974 USCB
21		368765
22		"
23		"
24		368766
25		369766
26		"
27		
M 234		

## GEOGRAPHIC NAMES:

Survey No. **T-8305**

2	Name on Survey	On Chart	On Previous survey	On U. S. quadrangle	From local	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
		No.	No.	Maps	information					
	Whitley Wharf ✓	✓								1
✓	Cypress Creek ✓	✓								2
	Smithfield Bridge ✓	✓								3
✓	Chalmers Point ✓	✓								4
✓	Red Point ✓	✓								5
	Marria Creek ✓	✓								6
	Getland Point ✓	✓								7
	Battery Park ✓	✓								8
	Jones Creek ✓	✓								9
✓	Rescue ✓	✓								10
	Rescue Road ✓	✓								11
✓	Holly Point ✓	✓								12
✓	Town Farm Creek ✓	✓								13
✓	Rising Star ✓	(see Field Edit Sheet)								14
	Fulgham Bridge ✓	✓								15
✓	Titus Creek ✓	✓								16
✓	Titus Bridge ✓	✓								17
✓	Carrollton Branch ✓	✓								18
✓	Carrollton ✓	✓								19
	Benna Church ✓	✓								20
	Smithfield Road ✓	(No. 32)								21
	White Marsh Road ✓	✓								22
✓	Brewers Creek ✓	✓								23
	Moore's Point ✓	✓								24
	Kings Point ✓	(next west of Moore's Point)								25
✓	Grittenden Toll Bridge ✓	✓								26
	Point of Marsh ✓	✓								27

T-8305

Remarks

2  
Decisions

1		369766
2		"
3		"
4		" USGB
5		"
6	Pending with USGB	369765 remaining
7		names on this
8		section sheet
9		
10		
11		
12		
13		
14		
15		
16		
17	Pending with USGB .	
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		

# GEOGRAPHIC NAMES

Survey No. **T-8305**

3	Name on Survey	On Chart	On previous survey	On U. S. quadrangle	From local	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
		No.	No.	Maps	information					
✓	<u>Smith Neck Creek</u>	✓								1
	<u>Smith Neck</u>	✓								2
✓	<u>Smith Neck Road</u>	✓								3
✓	<u>Bonny Winall Creek</u>	✓								4
✓	<u>Bonny Winall Point</u>	✓								5
✓	<u>Ragged Island Creek</u>	✓								6
✓	<u>Cooper Creek</u>	✓								7
✓	<u>East Island</u>	✓								8
✓	<u>Ragged Island</u>	✓								9
✓	<u>Kings Creek</u>	✓								10
✓	<u>Ballard Marsh</u>	✓								11
✓	<u>Ballard Creek</u>	✓								12
✓	<u>James River Bridge</u>	✓								13
										14
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Names underlined in red approved  
by L. Heak on 6/19/44



T-8305

3  
Decisions

Remarks.

1		369765
2		"
3		"
4		"
5		"
6		369764
7		"
8		"
9		379765
10		"
11		"
12		"
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## 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, ~~marsh~~, 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- 8305

#### BENNS CHURCH 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. See the files in the Division of Photogrammetry.

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

T-497	1:20,000	1853
T-501	1:20,000	1853
T-505	1:20,000	1851
T-1265	1:20,000	1871-72
T-1553	1:10,000	1874
T-6422b	1:10,000	1934

#### Comparison with Nautical Charts Nos. 529

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:

The details of T-8305 are complete and adequate for chart correction.

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 6/14/44 By Mary M. Walden  
under direction of D. H. Benson (per D.M.)

Inspected by B. G. Jones B.G. Jones 8/46

Examined and approved:

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

~~Chief, Topography Section~~

Robert W. Hays  
Chief, Div. of Charts  
Nautical Chart Branch  
Raymond L. Egan  
Chief, Div. of Coastal  
Surveys



**STRIKE OUT ONE**

Washington Office

The positions given have been checked after listing by C. Theurer

S. V. Griffith

*Chief of Party.*

[illegible]