

Original

8308

Diag'd. 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-8308

LOCALITY

State Virginia

General locality Surry, Sussex and
Southampton Counties

Locality Wakefield

194 4

CHIEF OF PARTY

F.L. Gallen
Fred. L. Peacock

LIBRARY & ARCHIVES

DATE September 16, 1946

B-1870-1 (1) ++

8308

I've got it

DATA RECORD

Form T-1

T- 8308

Quadrangle (II); 7½ minute

Project No. (II); C.S. 289

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: 6/6/44

Reported to Nautical Chart Section: 6/7/44

Reviewed: 9/4/44

Applied to chart No.

Date:

Redrafting Completed: 3/23/45

Registered: 8/46

Published: 1945

Compilation Scale: 1:20,000

Published Scale: 1:31,680

Scale Factor (III): None

Geographic Datum (III): N. A. 1927

Datum Plane (III): Mean Sea Level

Reference Station (III): IVOR, 1944

Lat.: 36° 56' 10.703" (329.9m) Long.: 76° 53' 02.192" (54.2m)
 ~~Adjusted~~
 ~~Unadjusted~~
 Field computations.

State Plane Coordinates (VI): VA. SO. ZONE

X =

Y =

Military Grid Zone (VI) A 8 B

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
12949 to 12952 Inc.	12/31/42	1:07 P.M.	1:20,000	There are no tidal waters within the limits of this Map Manuscript
12976 to 12978 Inc.	12/31/42	1:50 P.M.	1:20,000	
13017 to 13020 Inc.	12/31/42	2:50 P.M.	1:20,000	
Single Lens 9"X9"				
F G 105-33 to 34	4/4/37	Unknown	1:20,000	
F G 107-129 to 135	4/12/37	Unknown	1:20,000	

Tide from (III): None

Mean Range: None

Spring Range: None

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

Contouring and E.E.Nugent, G.B.Woolley, S.G.Dionisio,
Field Inspection by A.H.Jylha, W.F.Doescher, M.W.Burr, date: April & May 1944
H.E.Eldridge, O.N.Dalbey, Elliott Gillerman

Field Edit by: W.E.Clark

date: May + June 1944

Date of Mean High-Water Line Location (III): None

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

date: 4/21/44

" " " checked by: K.N.H.

date: 4/22/44

Control plotted by: E. Herman

date: 4/25/44

Control checked by: C.W.A. Supp

date: 4/26/44

Radial Plot by: Joseph Steinberg

date: 5/12 to 5/13/44

Detailed by: E. Herzog

date: 5/15 to 6/5/44

Reviewed in compilation office by: John M. Reinoldi

date: 6/3/ to 6/5/44

Elevations on Field Edit Sheet
checked by: E.L.M.

date:

STATISTICS (III)

Land Area (Sq. Statute Miles); 55

Shoreline (More than 200 meters to opposite shore); None

Shoreline (Less than 200 meters to opposite shore); None

Number of Recoverable Topographic Stations established; 11

(10 bench marks and 1 azimuth reference monument)

Number of Temporary Hydrographic Stations located by radial plot; None

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: ~~This manuscript was received too late to be completed
as part of the War Shipping Project.~~

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-B, 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 band 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-8308
Project CS-289-B
F. L. Gallen, Chief of Party

1. DESCRIPTION OF AREA:

The area covered by this quadrangle lies in Surry, Sussex and Southampton Counties, Va. It consists of swamp, farmland and higher rolling timberland. A large portion of the swampland is found along the southern and eastern extremities of the survey. Elevations range from about 35 feet in the southern and eastern portions to around 125 feet in the northwest corner. The growth in the swamps is mostly gum and cypress trees, with a heavy undergrowth of briars and brush. The higher timberland is largely pine with only a small amount of brush to be found. The farmland is found on the higher portions of land and is flat to rolling in terrain. Two small incorporated towns serve the people of the immediate vicinity. They are: Ivor which is found in the southeast corner and Wakefield which is found in the northwest corner. The crops most raised in this vicinity are peanuts, cotton, corn and a few grain crops.

2. COMPLETENESS OF FIELD INSPECTION:

See report for T-8307.

3. INTERPRETATION OF THE PHOTOGRAPHS:

See report for T-8307.

4. HORIZONTAL CONTROL:

See report for T-8307.

5. VERTICAL CONTROL:

See report for T-8307.

6. CONTOURS AND DRAINAGE:

See report for T-8317.

7-13. The items under these headings in the field inspection report do not apply to this area.

14. ROAD CLASSIFICATION:

See report for T-8317.

15. BRIDGES AND CULVERTS:

See report for T-8317.

16. BUILDINGS AND STRUCTURES:

See report for T-8307.

17. BOUNDARY MONUMENTS AND LINES:

This quadrangle lies in Surry, Sussex and Southampton Counties, Va., and the boundaries are shown on the photographs covering the area. The boundaries for the town of Wakefield are shown on the photograph, while a map is submitted for the town line of Ivor. One boundary monument for the town of Ivor is pricked on topo photo No. 12977.

18. GEOGRAPHIC NAMES:

See report for T-8317.

19. JUNCTIONS:

Junctions with quadrangle T-8307 on the east, T-8291 on the south have been made and are in agreement. There are no recent contemporary surveys to the north. Junctions with the Soil Conservation Service surveys have been made in the field. Final junction is to be made by the compilation office.

20. PHOTOGRAPHS USED:

Photographs used in surveying this area were No's: 12976, 12977, 12978, 13018, 13019 and 13020. Single lens photos No. 107-129, 107-130, 107-131, 107-132, 107-133, 107-134, 107-135, 105-38 and 105-34.

Approved and forwarded by:

F. L. Gallen

F. L. Gallen
Chief of Party

Submitted by:

Henry M. Eldridge

Henry M. Eldridge
Senior Photogrammetric Aid.

T-8308

H.M. Eldridge
S.G. Denisio
O.N. Dalbey
E.E. Nugent
W.F. Doescher
H.M. Eldridge
G.B. Woolley
N.W. Burr
A.M. Jylha
S.G. Denisio
E.M. Gherman

Obtained from
S.G. Denisio

CONTOURS AND FIELD INSPECTION

as above

April & May, 1944

26 CONTROL:

The Field Party recovered and identified on the 1:20,000 field photographs the following horizontal control stations.

Those falling within the limits of the Map Manuscript are:

WAKEFIELD, 1941
IVOR, 1944
WAKEFIELD WATER TANK, MUNICIPAL, 1944
P.T.S. No. 13 (U.S.G.S.) 1918 *Position from tie to USC&GS triangulation
F.L. Gullen April 20, 1944 and Dec. 1948*
BM "79", 1918 (U.S.G.S.)

Note: "79", 1918 (U.S.G.S.) could not be held during the running of the radial plot.

Those falling just outside the limits of the Map Manuscript are:

PTS 132, 1917 (U.S.G.S.)
PTS 182, 1917 (U.S.G.S.)
DRENDON, 1944
ZUNI WATER TANK, N. & W. R.R., 1944

The Field Party established field inspection stations at well defined points of detail near many of the above horizontal control stations.

All of the above horizontal control stations except "79", 1918 (U.S.G.S.) were used to establish photograph centers, secondary control points, and detail points.

27 RADIAL PLOT:

The Radial Plot for this Map Manuscript is part of Main Radial Plot No. 6 of Project C.S. 289, which will be described in Paragraph 27 of the descriptive report of Map Manuscript for Survey No. T-8291, which will be submitted to the Washington Office in the near future.

28 DETAILING:

The field inspection data furnished the Compilation Office for this Map Manuscript, were satisfactory. These

28 DETAILING: (Continued)

data were shown partly on nine lens 1:20,000 field photographs and partly on 9"X9" single lens photographs.

Sufficient nine lens office photographs covered the area to adequately detail this Map Manuscript.

All detailing was accomplished in accordance with the field inspection data and careful office interpretation of the photographs.

Drainage wide enough to show both shores with clarity has been shown in black acid ink. All drainage too narrow to show both shores has been shown in blue acid ink, using the standard symbol for perennial and intermittent streams, as the case warranted.

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

Political boundaries have been detailed, as shown on the field photographs. A map of Ivor, Va. on tracing cloth, scale 1 inch equals 500 feet, was furnished by the Field Party to aid in the detailing of the boundary for this town. All boundary lines have been shown on the reverse side of the Map Manuscript in blue acid ink.

29 SUPPLEMENTAL DATA:

There are no previous surveys, made by the U. S. Coast and Geodetic Survey, covering the area of this Map Manuscript.

Map of Ivor, Va. (tracing cloth) scale 1 inch equals 500 ft., was furnished the Compilation Office by the Field Party.

Photostat copies, scale 1:20,000, of a portion of a contemporary survey to the West of this Map Manuscript, made by the Soil Conservation Service, were furnished the Compilation Office for junction purposes.

30 MEAN HIGH-WATER LINE:

Not applicable.

31 LOW-WATER AND SHOAL LINES:

Not applicable.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

Not applicable.

33 WHARVES AND SHORELINE STRUCTURES:

Not applicable.

34 LANDMARKS AND AIDS TO NAVIGATION:

Not applicable.

35 HYDROGRAPHIC CONTROL:

Not applicable.

36 LANDING FIELDS AND AERONAUTICAL AIDS:

There are no landing fields or recommended 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 notes which are deemed likely to be of assistance during any future field edit. A set of general notes is included to aid in the interpretation of the symbols shown on the 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 Ivor, Va. 15 minute quadrangle. Only

38 GEOGRAPHIC NAMES: (Continued)

the undisputed names have been shown on the Map Manuscript. A list of undisputed, disputed and recommended names is attached to this descriptive report.

39 HORIZONTAL ACCURACY:

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

40 RECOMMENDATIONS FOR FUTURE SURVEYS:

The planimetry, as presented on this Map Manuscript is believed to be complete, except as noted herein.

41 REMARKS:

The description, as furnished in the field report, adequately describes the area of this Map Manuscript.

42 JUNCTIONS:

A satisfactory junction has been made with the following:

To the East with Map Manuscript for Survey No. T-8307
To the South with Map Manuscript for Survey No. T-8291

To the North no contemporary survey is available to the Compilation Office for junction purposes.

To the West the Compilation Office has been furnished, for junction purposes, photostat copies, scale 1:20,000, of parts of a contemporary survey made by the Soil Conservation Service.

Junction could not be completed between these photostat copies and the Map Manuscript at the following:

42 JUNCTIONS: (Continued)

Drainage shown on photostat at Lat. $36^{\circ} 52' 33''$
not visible on the photographs,
Road shown on Map Manuscript at Lat. $36^{\circ} 53' 58''$
not shown on photostat,
Road shown on Map Manuscript at Lat. $36^{\circ} 54' 47''$
not shown on photostat,
Road shown on Map Manuscript at Lat. $36^{\circ} 55' 21''$
not shown on photostat,
Road shown on Map Manuscript at Lat. $36^{\circ} 55' 42''$
not shown on photostat,
Road shown on Map Manuscript at Lat. $36^{\circ} 56' 02''$
not shown on photostat,
Road shown on Map Manuscript at Lat. $36^{\circ} 56' 09''$
not shown on photostat,
Stream shown on the Map Manuscript at Lat. $36^{\circ} 56' 39''$
is not shown on the photostat,
Stream shown on the Map Manuscript at Lat. $36^{\circ} 56' 58''$
is not shown on the photostat,
Stream shown on the Map Manuscript at Lat. $36^{\circ} 57' 10''$
is not shown on the photostat,
Stream shown on the Map Manuscript at Lat. $36^{\circ} 56' 07''$
does not agree with photostat location,
Stream shown on the Map Manuscript at Lat. $36^{\circ} 57' 09''$
is not shown on the photostat,
Stream shown on the Map Manuscript at Lat. $36^{\circ} 57' 21''$
does not agree with photostat location,
Stream shown on the Map Manuscript at Lat. $36^{\circ} 57' 34''$
does not agree with photostat location,
Railroad at Lat. $36^{\circ} 58' 28''$ is not in agreement,
Road at Lat. $36^{\circ} 58' 33''$ is not in agreement,
Road at Lat. $36^{\circ} 58' 45''$ is not in agreement,
Stream at Lat. $36^{\circ} 58' 42''$ is not in agreement,
Stream shown on Map Manuscript at Lat. $36^{\circ} 58' 46''$
is not shown on photostat,
Stream at Lat. $36^{\circ} 59' 02''$ is not in agreement,
Stream shown on Map Manuscript at Lat. $36^{\circ} 59' 14''$
not shown on photostat,
Stream shown on Map Manuscript at Lat. $36^{\circ} 59' 16''$
not shown on photostat,
Road shown on Map Manuscript at Lat. $36^{\circ} 59' 22''$
not shown on photostat,

Adjustments have been made in so far as possible in order to bring these junctions into closer agreement. Those

discrepancies which have been crossed
out in red have been corrected.

42 JUNCTIONS: (Continued)

~~Stream shown on Map Manuscript at Lat. $36^{\circ}59'23''$~~
~~not shown on photostat,~~
~~Road shown on Map Manuscript at Lat. $36^{\circ}59'30''$~~
~~not shown on photostat, --~~
~~Road at Lat. $36^{\circ}59'38''$ is not in agreement,~~
~~Stream shown on Map Manuscript at Lat. $36^{\circ}59'46''$~~
~~not shown on photostat, --~~
~~Stream shown on photostat at Lat. $36^{\circ}59'54''$~~
~~is not visible on the photographs.~~

Contours are not in good agreement. However, it is believed that adjustments could be made with little shift in the contours of either the Map Manuscript or the Soil Conservation Service Survey.

43 RECOVERABLE TOPOGRAPHIC STATIONS:

Form 524 is being submitted for each of ten bench marks and one azimuth reference monument which were established on this Map Manuscript by radial intersections of field identified locations.

44 COMPARISON WITH EXISTING TOPOGRAPHIC SURVEYS:

Due to scale difference only a visual comparison could conveniently be made with the U. S. Geological Survey Ivor, Va. 15 minute quadrangle. Common planimetric features seem to be in good agreement.

45 COMPARISON WITH NAUTICAL CHARTS:

There are no nautical charts covering the area of this Map Manuscript.

Respectfully submitted:
June 5, 1944

M. Eleanor Herzog
M. Eleanor Herzog
Asst. Photogrammetric Aid

Map Manuscript, Discrepancy
Overlay and Descriptive Report
Reviewed by:

John L. Reinoldi
John L. Reinoldi
Sr. Photogrammetric 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:
June 6, 1944

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

GEOGRAPHIC NAMES

Undisputed

- ✓ Brantley Swamp
- ✓ Camp Corner
- ✓ Coppahaunk School
- ✓ Crumplers School
- ✓ Guildfield Corner
- ✓ Hickaneck Swamp
- ✓ Ivor
- ✓ Lightwood Swamp
- ~~Lumber R.R.~~
- ✓ Millfield Church
- ✓ Mt. Hope Church
- ✓ Norfolk and Western R.R. Ry
- ✓ Sadlers Crossroads
- ✓ Seacock Swamp
- ✓ Shady Hill Church
- ✓ Smithfield and Ivor Rd.
- ✓ Southampton Co.
- ✓ Surry Co.
- ~~Surry, Sussex and Southampton R.R.~~
- ✓ Sussex Co.
- ✓ Terrapin Swamp
- ✓ Tucker Swamp
- ✓ Wakefield
- ✓ Wildcut Swamp

GEOGRAPHIC NAMES

Recommended

~~Kello's Mill~~
~~Freeman's Millpond~~

Disputed

Kello's Dam
Freeman's Pond

47. The detail as compiled on this sheet was complete and adequate with few additions or deletions necessary.
48. Two tests were made to determine the accuracy of contours in this quadrangle. Both tests were made on the outer portions of single lens photographs that were used for contouring: In addition to accurately locating the 20' interval contours, the adjacent 5' contours were accurately located: this type of test would place all contours within the five foot limits of the area tested.

Contours were located by taking planetable shots on the contour approximately 100 meters apart. The final check was inked in red on the photograph.

A test was run by Henry M. Eldridge on single lens photograph No. 107-129 to check the work of Sam C. Dionisio and another test was run by Sam C. Dionisio on single lens photograph No. 102-133 to check the work of William F. Doescher. Both checks show that the areas tested were well within the limits of 5' intervals and very little shift would place them in their true geographic position.

It is recommended that the contours in this quadrangle be accepted as complying with the national standard map accuracy requirements.

The Horizontal accuracy test in this quadrangle will be scaled by the Washington Office.

49. No survey was made to the north of this quadrangle. Junctions with T-8307, on the east, and T-8291 on the west will be made later by the field edit party when they are received. Junctions with the Manry, Virginia, quadrangle published at a scale of 1:31,680 has been checked and is satisfactory, except for minor shifts, see paragraph No. 17 for discrepancy in the county boundary junctions.

Submitted by:

William E. Clark

William E. Clark
Sr. Photo. Aid

Approved and forwarded by:

F. L. Gallen

F. L. Gallen
Chief of Party

Statement to Accompany Horizontal Accuracy Traverse No. 10.

U.S.G.S. Primary Traverse Station No. 13, 1918, was tied in by a short spur traverse from Horizontal Accuracy Traverse No. 10. The results of the tie are given below.

	<u>Latitude</u>	<u>Longitude</u>
U.S.G.S. position	36-54-13.0	76-53-59.9
U.S.C. & G.S. position	<u>36-54-13.11</u>	<u>76-54-00.62</u>
	+ 0.11	+ 0.72
	+ 3.4 M	+ 17.8 M

Submitted by

Gilbert R. Fish
Lieut. Comdr., U.S.C. & G.S.

Approved and forwarded by

F. L. Gallen
Chief of Party

HORIZONTAL ACCURACY TEST
PROJECT CS-259B (South) TRAVERSE LINE NO. 10
QUADRANGLES NOS. T-8291 and T-8308

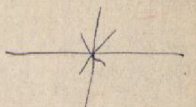
This test consists of a traverse between triangulation stations BERLIN, 1944 and IVOR, 1944. The traverse is 8.4 statute miles long and the closing error is 2.85 meter or 1 part in 4800. The closing error was adjusted through the traverse. 19 test points were computed. In the tabulation the geodetic position from the traverse computations is referred to as T. No. and the scaled position from the map manuscript is referred to as M. No. The "direction of displacement" refers to the direction of the scaled position from the geodetic position.

Test points No. 1 to 4 are in quadrangle T-8291, and points Nos. 5 to 19 are in quadrangle T-8308.

TABULATION OF TEST POINTS

Description of point	Test Point Number	Latitude	Longitude	Displacement in m	Direction of displacement.
Center of road	T-1 M-1	36-51-1359.4	76-56-605.4	.45 (scaled)	
X-road Int.	T-2 M-2	36-51-1831.5	76-56-237.0	.15	
X-road Int.	T-3 M-3	36-52-437.1	76-57-1276.3	.35	
Center of Church	T-4 M-4	36-52-997.3	76-57-977.1	.11	
Center of road and bridge	T-5 M-5	36-52-1199.8	76-57-476.4	.76	Corrected on manuscript - 8308
T-road Int.	T-6 M-6	36-52-1843.3	76-57-49.7	.23	
Center of road	T-7 M-7	36-53-503.6	76-56-1194.8	.26	
Center of road	T-8 M-8	36-53-1226.1	76-56-689.6		plots on E of rd. as detailed.

T-8291



Description of point	Test Point Number	Latitude	Longitude	Displacement in mm	Direction of displacement.
Y-road Int.	T-9 M-9	36-53+1637.8	76-56+322.5	.00	plots on E of road
Y-road Int.	T-10 M-10	36-54+17.8	76-53+1270.8	.13	.02
T-road Int.	T-11 M-11	36-54+20.9	76-55+485.9	.00	Corrected on manuscript
Center of road	T-12 M-12	36-53+1832.4	76-54+666.1	.49	plots on E of road
X-road Int.	T-13 M-13	36-54+248.1	76-54+227.5	.33	
Center of road and railroad	T-14 M-14	36-54+710.2	76-53+1116.9	.37	T-8308
X-road Int.	T-15 M-15	36-54+886.0	76-53+1103.4	.59	
Center of road	T-16 M-16	36-54+1543.8	76-53+715.3	.44	plotted 0.2mm from E of road
T-road Int.	T-17 M-17	36-55+405.1	76-53+487.3	.84	corrected on manuscript
T-road Int.	T-18 M-18	36-55+803.5	76-53+392.5	.54	.43
T-road Int.	T-19 M-19	36-56+361.9	76-53+55.7	.00	.28

Submitted by

G.R. Fish
Lieut. Comdr., U.S.C. & G.S.

Approved and forwarded by

F.L. Gallen
Chief of Party

T-8308

No. 1

Remarks.

Decisions

1		USCB
2		
3		
4		
5		Railway Guide
6		Road Maps
7		"
8		"
9		
10		
11		
12		
13		368768
14		"
15		368769
16		"
17		"
18		"
19		"
20		"
21		"
22		369769
23		"
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8308

IVOR quadrangle

1 Name on Survey

	A	B	C	D	E	F	G	H	K	
Virginia	✓									1
Southampton County	✓									2
Sussex County	✓									3
Surry County	✓									4
Norfolk and Western Railway	✓									5
U.S. No. 460	✓									6
State No. 31, 312	✓									7
State No. 196	✓									8
Berlin and Ivor District	✓									9
Wakefield District	✓									10
Blackwater District	✓									11
										12
Tucker Swamp	✓									13
Seacock Swamp	✓									14
Guildfield Corner	✓									15
Camp Corner	✓									16
Shady Hill Church	✓									17
Brantley Swamp	✓									18
Lightwood Swamp	✓									19
Kello's Mill	✓									20
Millfield Church	✓									21
Sadlers Crossroads	✓									22
Crumplers School	✓									23
Feemans Millpond	✓									24
Wakefield	✓									25
Wildcat Swamp	✓									26
Mt. Hope Church	✓									27

T-8308

No. 2

Remarks

Decisions

1		369769
2		"
3		"
4		369768
5		"
6		"
7		"
8		"
9		"
10		"
11		"
12		
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24		
25		
26		
27		

GEOGRAPHIC NAMES:

Survey No. T-8308

2

Name on Survey

	A	B	C	D	E	F	G	H	K	
Rocky Hook Church	✓									1
Mars Hill M.E. Church	✓									2
Oak Grove School	✓									3
Terrapin Swamp	✓									4
Coppesunk School	✓									5
Hickaneck Swamp	✓									6
Pentecost Church	✓									7
Ivor School	✓									8
Ivor	✓									9
New Branch Baptist Church	✓									10
Smithfield and Ivor Road	✓									11
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Names underlined saved
by L. Beck on 1/29/45

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-8308

IVOR 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 report of the test is enclosed in this Descriptive Report.

Two vertical accuracy tests were run in this quadrangle and found to be satisfactory. See Item 48 in the Field Edit Report enclosed in this Previous Surveys Descriptive Report.

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:

There are no nautical charts covering this area.

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 Wm. H. Benson By Wm. H. Benson
under direction of D. H. Benson

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. Hux
Chief, Div. of Charts
Nautical Chart Branch
Raymond P. Egan
Chief, Div. of Coastal
Surveys