

8311

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-8311
BACONS CASTLE QUAD

LOCALITY

State Virginia

General locality Burwell Bay, James River

Locality Rushmere

194 4

CHIEF OF PARTY
FWGallen and
Fred. I. Peacock

LIBRARY & ARCHIVES

DATE August 5, 1946

8311

DATA RECORD

T-8311

Quadrangle (II): 7½ minute BACONS CASTLE
N 3700 W 7637.5/7.5

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: 5/26/44

Reported to Nautical Chart Section: 5/27/44

Reviewed: 7/7/44

Applied to chart No.

Date:

Redrafting Completed: 3/14/45

Registered: 7/46

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): BACON, 1932

Lat.: 37° 06' 21.003" (647.5m) Long.: 76° 43' 43.934" (1084.8m) Adjusted
Unadjusted

State Plane Coordinates (VI): VA. SOUTH STATE GRID

X = 32947.6

Y = 56199.3

2,516,469.02 ft.

2,860,96.41 ft.

Military Grid Zone (VI)

"A" ~~18~~
"B" overlapping

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>War Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
Nine Lens				
12907 to 12910 Inc.	12/31/42	12:15 P.M.	1:20,000	0.3' above M.L.W.
12894 to 12896 Inc.	12/31/42	11:48 A.M.	1:20,000	0.2' above M.L.W.

Single Lens

F G 136 - 165 7/10/37 Unknown 1:20,000 Unknown

Tide from (III): Predicted tables, Reference Station, Hampton Roads, Va.
with corrections to Warwick River

Mean Range: 2.5' **Spring Range:** 3.0'

Camera: (Kind or source) U.S. Coast & Geodetic Survey 9 lens camera
(focal length 8 1/4")

Kind, source and focal length of the single lens camera unknown

Field Inspection by: M.C.Jenkins O.N.Dalby H.W.Burr **date:** March & April 1944
A.M.Jyhla E.E.Nugent G.Bowker
W.E.Clark H.N.Eldridge
W.F.Doescher

Field Edit by: *Kenneth F. Plafie* **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:** 4/21/44

" " " **checked by:** K.N.H. **date:** 4/22/44

Control plotted by: C. P. Palumbo **date:** 4/25/44

Control checked by: Carl W. A. Supp **date:** 4/25/44

Radial Plot by: Joseph Steinberg **date:** 5/8 - 5/9/44

Detailed by: Michael G. Misulia **date:** 5/9/44 to 5/20/44

Reviewed in compilation office by: Henry P. Eichert **date:** 5/20/44

Elevations on Field Edit Sheet
checked by: *H. N. St. John* **date:** 6/22/44

STATISTICS (IIX)

Land Area (Sq. Statute Miles); 44

Shoreline (More than 200 meters to opposite shore); 8 Statute Miles

Shoreline (Less than 200 meters to opposite shore); 7 Statute Miles

Number of Recoverable Topographic Stations established; 18
(17 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;

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-A2 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-8311
Project CS-289-A2
F.L. Gallen, Chief of Party

1. The area covered by this quadrangle lies in Surry and Isle of Wight counties, Virginia. There are no large towns within the limits of this quadrangle. The communities of Bacons Castle and Rushmere are the largest populated villages, and these are located on Highway No. 10, the main highway, leading north and south. The land area, in general, is heavily wooded. The large wooded area southwest of Bacons Castle is a private forest reservation. The land under cultivation is used largely for growing peanuts, with corn or grain and vegetables taking up the smaller percentage of the acreage. The elevations range from sea level to 98 feet above sea level and is generally level, dropping steeply to the bottoms of the creeks and streams. The land area, in general, slopes toward, and is drained by, the James River and tributaries. The western portion of the quadrangle is very flat and poorly drained. In wet weather large areas are covered by water and dirt roads which are ordinarily good become impassable. During the dry season all trails and roads shown on the photos can be used. There are no military reservations within the limits of this quadrangle.
2. The field inspection of this area is thought to be complete.
All on 9-fms photos except for a small area on the south edge of sheet which was done on FG-136-165.
3. The photographs are typical for the area. The evergreens show up in a darker color than the deciduous trees and are generally found on the higher ground. The bottoms of the larger drains have only deciduous trees growing in them and show up in a light gray, bordered by a mixture of evergreen and deciduous trees. Where perennial drainage stops, no definite distinction in the surrounding vegetation can be noticed to the upper limits of the of the drains. Where drains extend into, or across cultivated land, they are ordinarily bordered by brush or a thin growth of trees.
4. See Accuracy of Identification Report covering Main Radial Plot No. 4.
- 5 and 6 See Field Inspection Report for T-8295.
- 7 to 10 Shoreline Inspection for this quadrangle was accomplished during the course of field work on Project CS-283.
11. Landmarks and Aids to Navigation were investigated on Project CS-283.
(See T-8069)

12. Hydrographic and Topographic Stations were established on Project CS-283.
13. There are no landing fields or aeronautical aids in this area.
- 14 to 16 See Field Inspection Report for T-8295.
17. The boundary lines between Surry and Isle of Wight Counties and Isle of Wight and Warwick Counties have been marked on the photographs.
18. The Geographic Names for this quadrangle are covered by a special report by A. J. Wraight. *W**

Submitted by,

M. C. Jenkins per F. L. G.

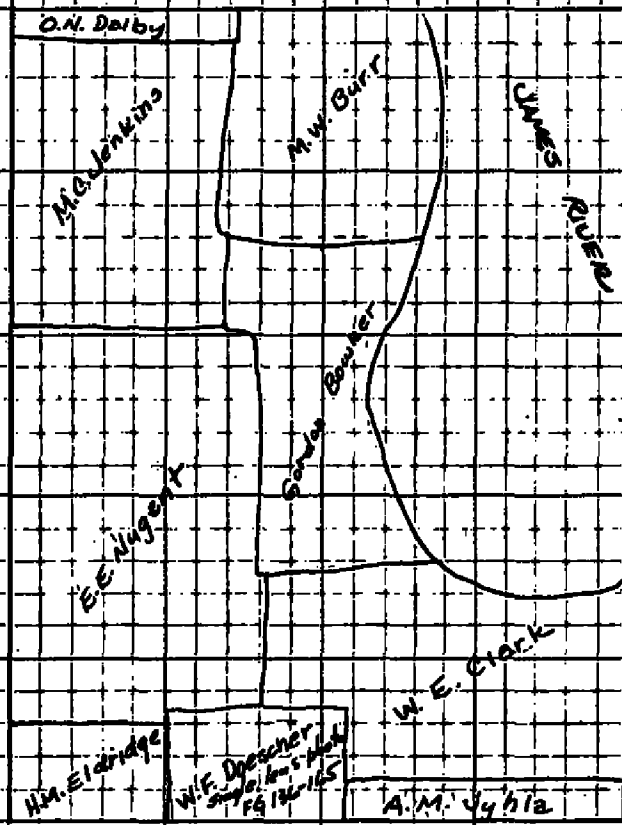
M. C. Jenkins,
Sr. Engr. Aid

Approved and forwarded,

F. L. Gallen

F. L. Gallen,
Chief of Party

T-8311



↑ This was only single lens photo used for contours and field inspection dbb

CONTOURS AND FIELD INSPECTION AS ABOVE MARCH AND APRIL 1944

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 nine lens photographs the following horizontal control stations which fall within the detail limits of the Map Manuscript:

BACON, 1932
GHOST, 1938
EXTRA, 1938
POINT OF SHOALS, 1938
JONES, F. ECC., 1932
NO. 506 (V.C.F.), 1938

Horizontal control stations which fall just outside the detail limits of the Map Manuscript:

MULBERRY (U.S.E.), 1930, r.1938
THE "ROCKS", BARN, N. GABLE, 1938
EUTIS, 1938
COBHAM, 1938
TOWER NEAR Δ CRAWFORD, FLAGPOLE, 1938
DEEP WATER SHOALS L.H., 1870, r.1910, r.1938

All of the above mentioned horizontal control stations were transferred from the 1:10,000 nine lens field photographs to the 1:20,000 nine lens 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 station within the detail limits of the Map Manuscript:

SMITHFIELD, 1932

Horizontal control station just outside the detail limits of the Map Manuscript:

DELOW, 1938.

26 CONTROL: (Continued)

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

27 RADIAL PLOT:

The radial plot for this Map Manuscript, Survey No. T-8311, is part of the Main Radial Plot No. 4 of Project C.C. 289, the descriptive report for which will be included in the descriptive report of Map Manuscript for Survey No. T-8318, 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 in general, satisfactory. The field inspection data of Project C.S. 283, concerning in most part the Mean High-Water Line of James River and adjacent areas, executed by Lieut. E. B. Lewey in the summer and fall of 1942, were used to supplement the field inspection data furnished by the War Mapping Field Party.

All drainage and limits of marsh and swamp areas, where not clearly defined on the photographs, were verified by stereoscopic examination of the photographs.

This Map Manuscript has been detailed in accordance with the field inspection data of Projects C.S. 283 and C.S. 289. All features detailed on the Map Manuscript have been shown with the conventional symbols, as recommended by the Washington Office.

* Only the extreme southern tip of Mulberry Point lies within the detail limits of this Map Manuscript. In order to show this tip of land to better advantage, it has been combined with Survey No. T-8317 and detailed on the Map Manuscript for that survey.

* On quadrangle maps covering definite areas between specified parallels & meridians all features in that area must be shown on the quad covering the area. This point of land will therefore be shown on quad T-8311. As the point involved ^{does not} ~~barely~~ crosses the next line. It will also be shown on T-8318 in order to show the complete point in one piece.

Mulberry point does not extend into Quad T-8311.

" " corrected on Quads T8317 + T8318 11.11.84.

28 DETAILING: (Continued)

The number of photographs covering the area of the Map Manuscript was adequate. The scales of the photographs and the Map Manuscript were in good agreement.

29 SUPPLEMENTAL DATA:

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

Survey No.	Date	Scale
T-1266	1871-1873	1:20,000
T-1289a	1910	1:20,000
T-1290	1873-1874	1:20,000
H-3045a	1910	1:20,000

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

Surveys Nos. T-8068 and T-8069, scale 1:10,000, completed in January 1943, covering portions of the area of this Map Manuscript, were available to the Compilation Office.

30 MEAN HIGH-WATER LINE:

The approximate stage of tide of all the photographs was computed just above Mean Low-Water. This served as a guide in determining the correct position of the Mean High-Water Line and the limits of marsh bordering the Mean High-Water Line. Use of the stereoscope and the field inspection data from Project C.S. 283, aided materially in this interpretation.

31 LOW-WATER AND SHOAL LINES:

Approximate Low-Water and shoal lines were not indicated by field inspection data. They were not sufficiently defined to detail from the 1:20,000 photographs with any certainty.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

All details offshore from the High-Water Line are noted in the descriptive reports for Map Drawing Survey Nos. T-8068 and T-8069. A skeleton frame for an abandoned light, at approximately Latitude $37^{\circ} 03'$ and Longitude $76^{\circ} 40'$, has been shown on the Map Manuscript with a small black acid ink circle, accompanied with an appropriate note. This was the only detail offshore from the High-Water Line visible on the 1:20,000 photographs.

33 WHARVES AND SHORE LINE STRUCTURES:

All piers, wharves and other shore line structures which were visible on the 1:20,000 photographs, and which were indicated by the field inspection data for the 1:10,000 photographs, have been detailed and accompanied with appropriate notes on the Map Manuscript. Those features which were not visible on the 1:20,000 photographs have been previously detailed on Map Drawings for Surveys Nos. T-8068 and T-8069. *

34 LANDMARKS AND AIDS TO NAVIGATION:

See Chart Letter 917(49). Copy enclosed.
These items are fully discussed in the descriptive reports of Map Drawings for Surveys Nos. T-8068 and T-8069, which are a part of Project C.S. 283.

35 HYDROGRAPHIC CONTROL:

The Compilation Office was not furnished any additional data concerning hydrographic control, other than that to be found in the descriptive reports of Map Drawings for Surveys Nos. T-8068 and T-8069.

36 LANDING FIELDS AND AERONAUTICAL AIDS:

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

*Electric wharf ruins and Fergerson wharf ruins are shown on T-8069 but were not shown on T-8068 and picked up by the field edit party for T-8068. They were shown incorrectly by the field edit party, but have been transferred to T-8068 from T-8069.

37 DISCREPANCY OVERLAY: (Continued)

are deemed likely to be of assistance during any future field edit. A set of general notes has been 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 Yorktown, 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 RECOMMENDATIONS FOR FUTURE SURVEYS:

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

41 RECOVERABLE TOPOGRAPHIC STATIONS:

Eighteen topographic stations, one of which is an azimuth mark, and the remaining seventeen are bench marks, have been established by radial intersections. Form 524 is being submitted for each of these stations.

42 REMARKS:

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

43 JUNCTIONS:

Satisfactory junctions were made with the following Map Manuscripts:

To the North with Survey No. T-8318
To the East with Survey No. T-8312
To the South with Survey No. T-8306

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

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Because of scale difference only a visual comparison could conveniently be made with the U. S. Geological Survey ~~Smithfield~~, Va. 15 minute quadrangle.

*Yorktown, Va
N.T. 8792*

Mackimmie Wharf, as shown on the Quadrangle, no longer exists. *This wharf is in ruins visible above water (located by Field Edit Party)*
Fergussons Wharf is now in ruins. Refer to Map Drawing for Survey No. T-8069.
Castle Mill Pond, as shown on the quadrangle, is now much smaller.

The marsh area along the shore of the James River in the vicinity of Burwell Bay is now almost completely dry.

Numerous small piers and landings along the shore of the James River, as detailed on the Map Manuscript, do not appear on the Quadrangle.

Common topographic features are, in general, in fair agreement. Many other man made changes are evident.

45 COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart No. 529, Scale 1:40,000, reissued March 6, 1944.

Two ponds, as shown on the Chart in the vicinity of Burwell Bay along the shore of the James River, were not

45 COMPARISON WITH NAUTICAL CHARTS: (Continued)

visible on any of the photographs.

A pond, as shown on the Chart at approximately Latitude $37^{\circ} 05' 05''$ and Longitude $76^{\circ} 41' 20''$, was not visible on any of the photographs.

Common detail is in good agreement.

Comparison was made, by the use of the vertical projector, with the ozalids of Map Drawings for Surveys Nos. T-8068 and T-8069, scales 1:10,000. All planimetric detail was found to be in excellent agreement.

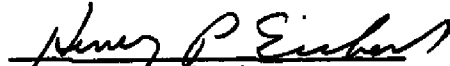
Respectfully submitted:

May 24, 1944



Michael G. Misulia
Jr. Topographic Engineer

Map Manuscript, Discrepancy Overlay
and Descriptive Report
Reviewed by:



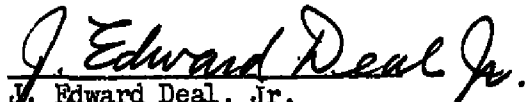
Henry P. Eichert
Jr. Photogrammetric Engineer

Compilation of Map Manuscript
Supervised by:



Joseph Steinberg
Asst. Photogrammetric Engineer

and



J. Edward Deal, Jr.
Asst. Photogrammetric Engineer

Approved and Forwarded:
May 26, 1944



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

GEOGRAPHIC NAMES

Undisputed

✓ Bacons Castle Road
✓ Bailey's Beach
✓ Belle Meadow Pocoson
✓ Burwell Bay
✓ Canal Run
✓ Castle Mill Pond
✓ Castle Mill Run
✓ ~~Gobham Creek~~
✓ Colonial Trail
✓ Fergussons Wharf
✓ Genovar
✓ Holly Point
✓ Isle of Wight County
✓ James River
✓ Lawnes Neck
✓ Lawson
✓ Lawson Run
✓ Mackimmie Wharf (old)
✓ Moonlight

✓ Moonlight Road
✓ Old Earthworks
✓ Pagan ~~Creek~~ River
✓ Pettit Pocoson
✓ Pierce Creek
✓ Point of Shoals L.H.
✓ Pooles Creek
✓ Poolesville
✓ Rushmere
✓ Septa
✓ Septa Road
✓ Shoal Bay
✓ Stallings Creek
✓ Stiefs Landing
✓ Surry County
✓ Tuckers Pocoson
✓ Warren Creek
✓ Warren Pond
✓ Warwick County

GEOGRAPHIC NAMES

Disputed

Recommended

/Bacons Castle
/Lawnes Creek
/Lower Chippokes Creek
~ Pagan Creek

Disputed

Bacon's Castle
Lawns Creek
Lower Chippoak Creek
Pagan River

78

FIELD EDIT REPORT
TO ACCOMPANY
QUADRANGLE T-8311

PROJECT CS 289 A-2 (South)

AM 11:14 L. Gallen

Chief of Party

JUN 9

5. The designation and elevation of each bench mark has been checked and verified by the field edit party. Fly-level elevations are to be checked by the Washington Office. (checked by W.W. St. John)
9. The ruins of Fergussons Wharf and MacKimmie Wharf (Old) visible above the water have been indicated on the ~~map~~ ^{field edit sheet} manuscript. *The locations of these piers by the field edit party differed from those shown on T-8069 and previous surveys. No plane table cuts were discernable on the field edit sheet. The locations shown on T-8069 were used in adding them to T-8311*
10. The piling shown on Chart 529 near the northeast corner of this quadrangle will be investigated during the field edit on quadrangle T-8317.

18. It is believed that the name "Cobham Creek" at Latitude 37-06.3 at the western edge of the quadrangle is ^{Not} correctly placed for there is a sign on Virginia State Highway No. 10 naming the creek as "Lower Chippokes Creek". The name "Cobham Creek" should probably be placed farther west as shown on the U. S. Geological Survey, Surry, Virginia, 15 minute quadrangle.

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

All symbols used are standard topographic symbols except that a green X was used for deletion. The following color scheme was used:

Deletions Green
Additions, classifications, names, notes
and elevations Black
Political sub-divisions Violet
Notes on discrepancy overlay have been checked off in
red ink.

47. The compiled detail on this quadrangle was adequate with few additions, classifications or deletions necessary.
48. The horizontal accuracy test for this quadrangle will be scaled by the Washington Office.

Two tests were made to determine the accuracy of the contours in this quadrangle. Planetable traverses were run on photographs used for fly-leveling or the location of horizontal control, and spot elevations and short sections of contours were placed on the photograph. The contours were tested by placing a tracing of the contours from the contour photograph over the accuracy traverses.

48. Continued:

Both test traverses were run by Louis Levin; on Photograph No. 12895 to test the work of Gordon Bowker, and on Photograph No. 12896 to test the work of W. E. Clark. The results of both tests were satisfactory and indicate that the contours in this quadrangle comply with the national standard map accuracy requirements.

49. The junction on the east with T-8312 has been checked. The junction with T-8306 on the south and with T-8318 on the north will be checked when the latter quadrangles are field edited. There is no contemporary survey on the west.

Submitted by:

Kenneth F. Phelps
Kenneth F. Phelps
Sr. Photo. Aid by *JNF*

Approved and forwarded by:

F. L. Gallen
F. L. Gallen
Chief of Party
by *JNF*

T-8311

No. 1

Decisions

Remarks.

1	USCB	
2		
3		
4		
5	USCB	
6	"	
7	Road Maps	
8		
9		
10		
11		
12	370766	
13	"	
14	U.S.G.B.	
15	"	
16	"	
17	"	
18	"	
19	"	
20	"	
21	"	
22	"	
23	"	
24	"	
25	"	
26	"	
27	"	
M 234		

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		26
		27
		M 234

Decisions

Remarks

GEOGRAPHIC NAMES

Survey No. T-8311

BAGONS CASTLE quadrangle

1	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	
	Virginia	✓								1
	Surry County	✓								2
	Isle of Wight County	✓								3
	Warwick County	✓								4
	James River	✓								5
	Pagan River	✓ (not Pagan Creek)								6
	Va. State Nos. 10 (Colonial Trail), 312	✓								7
	Stanley District	✓ (Warwick County)								8
	Cobham District	✓ (Surry County)								9
	Hardy District	✓ (Isle of Wight County)								10
										11
	Point of Shoals L.H.	✓								12
	Burwell Bay	✓								13
	Rushmere	✓ (village)								14
	Fergussons Wharf	✓ (wharf only)								15
	Shoal Bay	✓								16
	Old Earthworks	✓								17
	Warren Pond	✓								18
	Warren Creek	✓								19
	Septa	✓								20
	Mackimmie Wharf (old)	✓								21
	Pierce Creek	✓								22
	Genover	✓								23
	Canal Run	✓								24
	Lewson	✓								25
	Lewson Creek	✓								26
	Holly Point	✓								27

1-8311

No. 2
Decisions

1	370766	
2	"	
3	"	
4	"	
5	"	
6	369767	
7	370767	
8	"	
9	"	
10	"	
11	"	
12	"	
13	"	
14	"	
15	"	
16	"	
17	371767	
18	"	USGB
19	"	
20	"	
21	371766	
22	"	USGB
23	"	
24		
25		
26		
27		
28		

Remarks.

GEOGRAPHIC NAMES

Survey No. T-8311

2	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
	<u>Baileys Beach</u>	✓								1
	<u>Little Zion Church</u>	✓								2
	<u>Lawnes School</u>	✓								3
	<u>First Grave Hill Baptist Church</u>									4
	<u>Bayview Methodist Church</u>	✓	✓							5
	<u>Stallings Creek</u>	✓								6
	<u>Belle Meadow Pocoson</u>	✓								7
	<u>Pettit Pocoson</u>	✓								8
	<u>Moonlight</u>	✓								9
	<u>Tuckers Pocoson</u>	✓								10
	<u>Septa Road</u>	✓								11
	<u>Moonlight Road</u>	✓								12
	<u>Pooles Creek</u>	✓								13
	<u>Poolesville</u>	✓								14
	<u>Bacons Castle Road</u>	✓								15
	<u>Ferguson Memorial Church</u>	✓								16
	<u>Bacons Castle</u>	✓								17
	<u>Lower Chippokes Creek</u>	✓								18
	<u>Castle Mill Pond</u>	✓								19
	<u>Castle Mill Run</u>	✓								20
	<u>Lawnes Creek</u>	✓								21
	<u>Lawnes Neck</u>	✓								22
	<u>Stiefs Landing</u>	✓								23
										24
										25
										26
										27

Names underlined in red approved
by L. Heck 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-8311

BACONS CASTLE 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.

Two vertical accuracy tests were made in this area 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-1268	1:20,000	1871
T-1289a	1:20,000	1910

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-8311 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 June 26, 1944 By Willis H. Johns
under direction of D. H. Benson *(Gen'l M.)*

Inspected by B. G. Jones *B.G. Jones 7/46*

Examined and approved:

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

Chief, Topography Section

Robert W. Knox
Chief, Div. of Charts
Nautical Chart Branch
Raymond E. Evans
Chief, Div. of Coastal
Surveys

