

Original

8316

8316

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Air Photographic Topographic
Field No.	Office No. T-8316
LOCALITY	
State	Virginia
General locality	York River
Locality	Poquoson River
1944	
CHIEF OF PARTY Gallen Fred. L. Peacock	
LIBRARY & ARCHIVES	
DATE	

DATA RECORD

Form T-1

T-8316

Quadrangle (II): 7½ minute HARRIS GROVE Project No. (II): C.S. 289 - A
N 3707.5 - W 1622.5

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: 5/14/44

Reported to Nautical Chart Section: 5/17/44

Reviewed: 6/16/44

Applied to chart No.

Date:

Redrafting Completed: 8/5/44

Registered: 7/46

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):

Reference Station (III): CHARLES, 1934

Lat.: 37° 09.1' 34.496" (1063.4m) Long.: 76° 24' 44.669" (1225.5m) Adjusted
Unadjusted

State Plane Coordinates (VI): VIRGINIA SOUTH ZONE

X = Harbor Defense Zone Y = in place of State Grid

Military Grid Zone (VI) A

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
12687 to 12690	11/28/42	3:16 P.M.	1:20,000	1.6 ft. above M.L.W.
12645 to 12648	11/28/42	2:07 P.M.	1:20,000	2.1 ft. above M. L.W.
12628(7) to 12628(8)	11/28/42	1:40 P.M.	1:20,000	2.2 ft. above M.L.W.

Tide from (III): Predicted tables, Reference station, Hampton Roads with corrections for York Point, Poquoson River

Mean Range: 2.4 ft.

Spring Range: 2.9 ft.

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

Field Inspection by: (Joe N. Henningsen
(Marvin C. Jenkins
(Orvis N. Dalbey
(Morris W. Burr

date: Nov. Dec. 1943
Jan. 1944

Field Edit by:

date:

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

Base
Projection and Grids ruled by (III) J.T.B. & P.J.H.

date: 2/28/44

" " " **checked by:** L.U.E.

date: 2/28/44

Control plotted by: Ruth E. Rudolph

date: 3/8/44

Control checked by: Henry P. Eichert

date: 3/17/44

Radial Plot by: Joseph Steinberg & J. Edward Deal, Jr.

date: 4/7/44 to 4/13/44

Detailed by: John M. Reinoldi
John P. Kubasco

date: 4/14/44 to 5/15/44

Reviewed in compilation office by: Henry P. Eichert

date: 5/13/44 to 5/15/44

Elevations on Field Edit Sheet
checked by:

J. N. Stewart

date: 6/7/44

STATISTICS (III)

Land Area (Sq. Statute Miles): 37

Shoreline (More than 200 meters to opposite shore): 36 Statute Miles

Shoreline (Less than 200 meters to opposite shore): 13 Statute Miles

Number of Recoverable Topographic Stations established: 27(7 recoverable topographic & hydrographic, 17 bench marks, 1 azimuth reference monument and 2 fixed aids to navigation)

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-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-8316
Project CS-289-A
F. L. Gallen, Chief of Party

1. DESCRIPTION OF AREA:

This quadrangle, which lies in Gloucester, York and Warwick Counties, Va., is bounded on the east by Chesapeake Bay; and divided from Gloucester County on the north by the York River. There are numerous necks of land, formed by navigable streams and rivers, which extend in the direction of Chesapeake Bay. Nearly all of these peninsulas are low and marshy, but generally are settled the thickest along a main road which usually runs, roughly, through the central portion of the neck of land. These main roads, in turn, connect with U. S. highway #17 which runs along the entire western side of the quadrangle. One uninhabited island, Goodwin Island, lies in the northeast corner of the survey. In the western portion of the quadrangle the ground is higher. Elevations throughout the quadrangle range from about 3 feet along the eastern side to around 65 feet in the northwest portions. The western portion of the quadrangle has sharp, deep drainages, while the southern portion is rolling land; with a minimum of drainage. The Naval Mine Warfare School, is located on a neck of land formed by the intersection of York River and the West Branch of Wormley Creek. The Colonial National Monument (Park) covers a large portion of the west and northwest portions of the quadrangle. The headwaters of the Poquoson river, which is in the southwest corner of the quadrangle, serve as a reservoir for the City of Newport News. The trees throughout the quadrangle are, generally, mixed pine and deciduous. There are a few large patches of pine. The undergrowth along the stream bottoms is very thick deciduous brush.

2. COMPLETENESS OF FIELD INSPECTION:

The field inspection is thought to be complete. All topographic features have been classified. The color scheme for buildings that were inked on the topo photos is as follows: dwelling (red), barns (purple), stores (green), and public buildings (blue). Only the buildings inked in are to be shown on the map drawing. Trails are shown by a dashed line, thus----, and generally labeled "trail". The drainage and marsh areas inked on the photographs are correct as shown. Highways and roads have been classified on the topo. photographs. It is thought that all necessary information is shown on the topo photographs that should be shown on the map drawing. Classification of bridges and culverts which have been designated on the photos, and any other small items erroneously omitted will be noted by the field edit party. Information on The Naval Mine Warfare School and Colonial National Monument (Park) is as follows:

NAVAL MINE WARFARE SCHOOL--It was possible to secure a map of this installation. All detail may be shown within the limits of the school with the exception of the buildings which would fall within the limits of the area that has been cut out on the layout furnished by the Warfare School. When compiling this area only the contours, drainage and vegetation are to be shown. This only applies to the area cut out on the maps submitted. Otherwise, all detail within the limits of the school may be shown and by order of the Executive Officer, Commander Allen, the acquired maps may be

used to the best advantage that the compilation office sees fit. The maps are accurate and buildings may be taken directly from them to our compilation.

COLONIAL NATIONAL MONUMENT (PARK)--See report for T-8317 on this park.

3. INTERPRETATION OF THE PHOTOGRAPHS:

See report for T-8317.

4. HORIZONTAL CONTROL:

See report for T-8317.

5. VERTICAL CONTROL:

See report for T-8317.

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-8317.

17. BOUNDARY MONUMENTS AND LINES:

The boundary line between York and Gloucester Counties, Va. is formed by the York River. For a detailed description of the method of location of the boundary line between the Counties of York and Warwick, see report for T-8317, Re: Par. 17. This is also true of the boundary of Colonial National Monument (Park), part of which the boundary line is shown on the photographs. The boundary line of the Naval Mine Warfare School is correct as shown on the photo for the area.

18. GEOGRAPHIC NAMES:

See report for T-8317.

19. JUNCTIONS:

Junctions with quadrangle T-8317 on the west, T-8313 on the south,

T-8315 on the east have been made and are in agreement. There are no recent contemporary surveys to the north.

20. PHOTOGRAPHS USED:

Photographs used in surveying this quadrangle are Nos. 12628(7), 12645, 12646, 12647, 12648, 12687, 12688, 12689, 12690.

Approved and forwarded:

F. L. Gallen
F. L. Gallen
Chief of Party

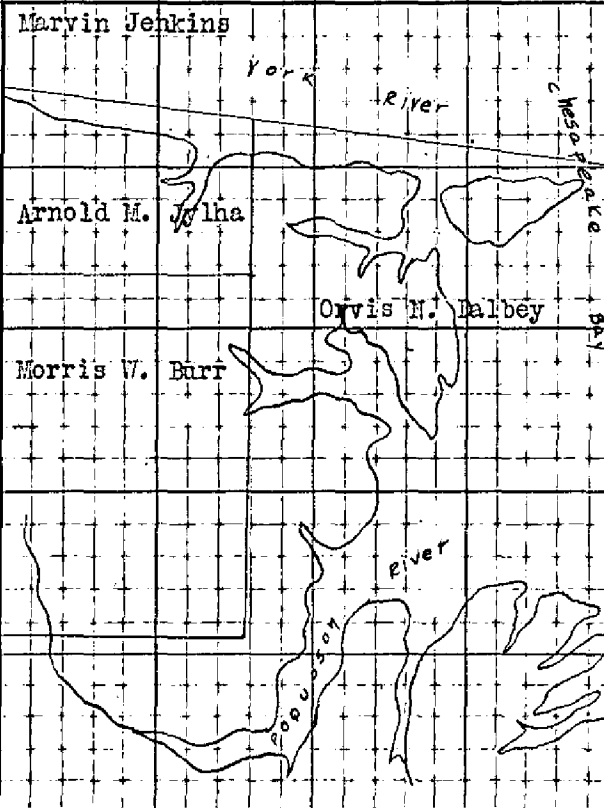
Submitted by:

Morris W. Burr *SA9*
Morris W. Burr
Sr. Photo. Aid.

SHEET NO. T-8316

Breakdown of Field Completion Operations

Shoreline: ---Joe N. Henningsen, Asst. Photo. Eng.---Jan. 1944.
Marvin C. Jenkins, Sen. Eng. Aid.---Jan. 1944.
Orvis N. Dalbey, Sen. Photo. Aid.---Jan. 1944.
Recovery: ---Marvin C. Jenkins, Sen. Eng. Aid.---Dec. 1943 & Jan. 1944.
Morris W. Burr, Sen. Photo. Aid.---Nov.-Dec. 1943.
Boundaries: ---Joe N. Henningsen, Asst. Photo. Eng.---Jan. 1944.



26 CONTROL:

The Field Party recovered and identified on the nine lens field photographs the following horizontal control stations. Those falling within the limits of the Map Manuscript are:

*BENNETT CREEK BN, 1934 *Rebuilt 1936 (lt. moved)*
CHARLES, 1934
CEDAR, 1906, r.1932
CEDAR (R.M. No. 2) 1932
CHEESEMAN, "8" (V.F.C.) 1934
CHEESEMAN, "5" (V.F.C.) 1934
DAVIS, 1934
FUEL, 1932
GREEN POINT (V.F.C.) 1934
L. BASE (U.S.E.) 1934
LEONARD, 1934
MOORE (R.M. No. 1) 1934
PAGE, 1934
QUARTER PT. 1855
SARAH CREEK, S.W. BN.
SANDBOX, 1906, r.1934
SLOPE, 1934
SPIT, 1934
T U E MARSH, 1900
WEST, 1934
WORMLEY CREEK HO. W. CHY. 1906, r.1914
YORK PT, 1934

*BENNETT CREEK BN. 1934, has probably been moved. This is indicated by a sextant fix furnished by the Field Inspection Party. A new position is being submitted for this beacon. *Lost 1944*

Those falling just outside the Map Manuscript are:

LITTLE RICHMOND, WHITE WOODEN TANK, 1932
QUARTER 2, 1906, r.1932

All of the horizontal control stations mentioned except BENNETT CR. BN, 1934, were used to establish photograph centers, secondary and detail points.

27 RADIAL PLOT:

The radial plot for this Map Manuscript is part of Main Radial Plot No. 3 for Project C.S. 289, which includes Surveys Nos. T-8313, T-8314, T-8315 and T-8316.

The following 1:20,000 unmounted photographs were used in the radial plot:

Nos. 12582 to 12586 Inc.
12628 (11)
12628 (9)
12628 (8)
12628 (7)
12642 to 12648 Inc.
12687 to 12692 Inc.

Sufficient horizontal control was available to adequately control the orientation of the 1:20,000 photographs. Some of this control was recovered and identified by the Field Inspection Party responsible for horizontal control in Project C.S. 283 and the remainder was recovered and identified by the Field Party responsible for the identification of horizontal control for War Mapping Project C.S. 289. The Field Party responsible for the recovery and identification of horizontal control for Project C.S. 289 furnished the Compilation Office the 'Accuracy of Identification Report Classification of Horizontal Control for the area of Surveys Nos. T-8293, T-8294, T-8295, T-8296, T-8303, T-8304, and T-8305, which is attached to the descriptive report of this Map Manuscript for Survey No. T-8304. The Compilation Office furnished this Field Party and the Washington Office a list of horizontal control stations which they were able to transfer from the 1:10,000 field inspection photographs of Project C.S. 283 to the 1:20,000 photographs of Project C.S. 289, and for which it would not be necessary for the Field Party to make any recovery.

All operations in this radial plot were accomplished in the same manner as those described in the

27 RADIAL PLOT: (Continued)

descriptive report for Main Radial Plot No. 1 of Project C.S. 289, which was submitted to the Washington Office on March 9, 1944.

It is believed that a satisfactory radial plot has been accomplished.

28 DETAILING:

There was no appreciable scale difference between the photographs and the Map Manuscript. All detailing was accomplished without the use of the vertical projector.

The planimetry shown on this Map Manuscript was delineated from the office photographs with the aid of the field inspection data. The field inspection data was shown on nine lens photographs and was in general, satisfactory. All drainage wide enough to show both sides of the stream has been shown in black acid ink. All drainage too narrow to show both sides of the stream has been shown with a single line in blue acid ink.

Tree areas have been shown with a symbol in green acid ink and labeled "A", "B", or "C" in accordance with instructions from the Washington Office.

29 SUPPLEMENTAL DATA:

The following previous surveys, parts of which fall within the area of this Map Manuscript, were made by the U. S. Coast & Geodetic Survey. They are:

Survey No.	Date	Scale
T-685	1857	1:20,000
T-496	1853-54	1:20,000
T-499	1853-54	1:20,000
T-2749	1906	1:20,000

None of these surveys were available to the Compilation Office. In addition, the Field Inspection Party

29 SUPPLEMENTAL DATA: (Continued)

furnished the Compilation Office the following: County Map of Warwick Co., Va., reproduced, Map of Mine Warfare School, reproduced, and Camp Patrick Henry, scale 1" equals 200'.

30 MEAN HIGH-WATER LINE:

The stage of the tide of all photographs used in the process of detailing this Map Manuscript was computed and found to be just below Mean High-Water. The High-Water Line was detailed from office examination of the nine lens photographs, with the aid of the field inspection data.

31 LOW-WATER AND SHOAL LINES:

Approximate Low-Water and shoal lines were detailed in accordance with field inspection data and office examination of the nine lens photographs.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

There are no details offshore from the High-Water Line.

33 WHARVES AND SHORELINE STRUCTURES:

All piers, wharves and other shoreline structures indicated by the field inspection data, and those not indicated but visible on the office photographs, were detailed.

34 LANDMARKS AND AIDS TO NAVIGATION:

"DEP", a recoverable topographic stations, was recommended as a landmark. Form 567 is being submitted for this landmark "DEP" with the descriptive report for Survey No. T-8314.

The Field Inspection Party furnished the Compilation Office identified locations for 2 fixed aids to navigation, which were radially plotted. Data was furnished

34 LANDMARKS AND AIDS TO NAVIGATION: (Continued)

for eight other fixed aids to navigation, to be located by sextant fix. All of the above are shown on the Map Manuscript.

Form 524 has been furnished this Compilation Office by the Field Inspection Party for two of the above fixed aids, namely:

Bay Tree Point Fl. W. ev. 5 sec.
York River Thorofare No. 1, Fl. W. ev. 5 sec.

Form 524 for each of the above fixed aids to navigation is being completed by the Compilation Office and is being submitted to the Washington Office.

It is assumed that the Field Inspection Party will execute Form 524 for each of the other eight fixed aids, for which the position scaled from the Map Manuscript, is herewith furnished, namely:

Lower Yorktown Light Fl. Green ev. 4 sec.

Lat. $37^{\circ} 13'$ 1019.8 (829.9)
Long. $76^{\circ} 28'$ 979.8 (499.3)

York River Thorofare, 2 (A) Fl. R. ev. 5 sec. Post

Lat. $37^{\circ} 13'$ 1199.7 (650.0)
Long. $76^{\circ} 25'$ 118.1 (1361.0)

York River Thorofare, 3 (B) Fl. G. ev. 5 sec. Post

Lat. $37^{\circ} 13'$ 166.0 (1683.7)
Long. $76^{\circ} 25'$ 30.0 (1449.3)

York River Thorofare, 5 Fl. W. ev. 5 sec.

Lat. $37^{\circ} 12'$ 1715.7 (134.0)
Long. $76^{\circ} 24'$ 1215.5 (263.8)

34 LANDMARKS AND AIDS TO NAVIGATION: (Continued)

Candy Point, Fl. R. ev. 5 sec.

Lat. $37^{\circ} 12'$ 923.9 (925.8)
Long. $76^{\circ} 23'$ 1073.1 (406.4)

York Point Fl. R. ev. 5 sec.

Lat. $37^{\circ} 10'$ 318.9 (1530.7)
Long. $76^{\circ} 23'$ 860.2 (620.1)

Bennett Creek Fl. W. ev. 5 sec.

Lat. $37^{\circ} 09'$ 1506.6 (343.0)
Long. $76^{\circ} 22'$ 1322.2 (158.2)

(Formerly a triangulation station but probably moved to new location)

Tue Marshes L. H. Fl. W. ev. 3 sec.

Lat. $37^{\circ} 14'$ 231.6 (1618.0)
Long. $76^{\circ} 23'$ 250.4 (1228.6)

Also a U.S.C. & G.S. triangulation station

All of the above positions verify the position of the same fixed aids to navigation shown on Chart No. 494, reissued Mar. 6, 1944.

Form 567 is being submitted for all of the ten fixed aids to navigation shown in the Map Manuscript.

35 HYDROGRAPHIC CONTROL:

Seven recoverable topographic stations, 17 bench marks and 1 azimuth reference monument, were radially plotted.

The seven recoverable topographic stations and the 10 fixed aids to navigation mentioned in Paragraph 34, are suitable for partial hydrographic control, as long as they remain in position. It is believed that the 17 bench marks and the 1 azimuth reference monument are too far inland to be of any value as hydrographic control.

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 a few notes requesting clarification of planimetry shown on the Map Manuscript. 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 name investigation have been furnished the Compilation Office on the U. S. Geological Survey, Hampton, Va. 15 minute quadrangle. Only 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 CONTROL:

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 Map Manuscripts.

40 RECOMMENDATION FOR FUTURE SURVEYS:

The planimetry, as presented on this Map Manuscript is believed to be complete, but is subject to field edit for corrections, additions and deletions.

41 REMARKS:

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

In the Field Report it is stated that "Paragraphs 7 to 13 are not applicable." This Map Manuscript has much water area and naturally would contain Low-Water and

41 REMARKS: (Continued)

shoal lines and Mean High-Water Line. Also the Field Party furnished the Compilation Office locations for fixed aids to navigation and recommendation for one new landmark.

42 JUNCTIONS:

The following satisfactory junctions have been made:

To the West with Map Manuscript for Survey No. T-8317
To the East with Map Manuscript for Survey No. T-8315
To the South with Map Manuscript for Survey No. T-8313

There is no contemporary survey to the North of this Map Manuscript available to the Compilation Office for junction purposes.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Due to scale difference only a visual comparison could conveniently be made with the U. S. Geological Survey, Hampton, Va. 15 minute quadrangle. Some man made changes are evident. Interpretation of the Mean High-Water Line and marsh lines are in agreement between the Quadrangle and the Map Manuscript. A dam has been constructed in the Poquoson River at Dalbytown. Common planimetric features seem to be in fair agreement.

45 COMPARISON WITH NAUTICAL CHARTS:

Comparison was made with Chart No. 494, reissued Mar. 6, 1944. The Mean High-Water Line and marsh lines are in good agreement. Common detail is in good agreement.

Respectfully submitted:
May 15, 1944

John P. Kubasco
John P. Kubasco
Photogrammetric Aid

John M. Reinoldi
John M. Reinoldi
Photogrammetric Aid (Sr.).

Map Manuscript, Discrepancy
Overlay and Descriptive Report
Reviewed by:

Henry P. Eichert
Henry P. Eichert
Jr. Photogrammetric Engineer

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

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

GEOGRAPHIC NAMES

Undisputed

✓ Back Creek
✓ Bay Point
✓ Bay Tree Point
✓ Bennett Creek
✓ Boathouse Creek
✓ Bull Creek
✓ Burts
✓ Cabin Creek
✓ Calthrop Neck
✓ Charleston Creek
✓ Clarkson Creek
✓ Colonial Nat. Mon.
✓ Coopers
✓ Crab Neck
✓ Dalbytown
✓ Dandy
✓ Dare
✓ Fish Neck
✓ Floyds Bay
✓ Gaines Point
✓ Gloucester County
✓ Goodwin Islands
✓ Goodwin Neck
✓ Goose Creek
✓ Grafton
✓ Green Point
✓ Harris Grove
✓ Hodges Cove
✓ Hunts Neck
✓ Hunts Point
✓ Hunts Wharf
✓ Lambs Creek

Bay Tree Cr.
Claxton Cr.
Cabin Cr.

✓ Lyons Creek
✓ Messick Road
✓ Moore House
✓ Moores
✓ Moores Creek
✓ North Creek
✓ Odd
✓ Pasture Neck
✓ Patricks Creek
✓ Poor Farm
✓ Poquoson
✓ Poquoson River
✓ Rens Wharf
✓ Roberts Creek
✓ Seaford
✓ Ship Point
✓ Slates Wharf
✓ Tabb
✓ Thorofare (inlet)
✓ Tue Marshes L. H.
✓ Tue Point
✓ Vernons Corner
✓ Warwick County
✓ West Branch (creek)
✓ White House Cove
✓ Wormley Creek
✓ York County
✓ York Point
✓ York River
✓ Yorktown Road
✓ Yorkville

GEOGRAPHIC NAMES

Recommended

Chisman Creek*
Hornsbyville*

Disputed

Cheeseman Creek
Tampier

FIELD EDIT REPORT
TO ACCOMPANY
QUADRANGLE T-8316
PROJECT CS 289 A-1 (South)
F. L. Gallen Chief of Party

5. The designation and elevation of each bench mark has been checked by the field edit party. Fly-level elevations are to be checked by the Washington Office.
10. There is a sunken boat in Back Creek at approximately Latitude $37^{\circ}12'17''$, Longitude $72^{\circ}26'02''$
11. Forms 524 and 567 are being submitted for aids to navigation not previously reported on by the compilation office and which do not have a triangulation position. Two lights which fall within the limits of T-8315 are being reported with this quadrangle.

A large pier has been built at the mouth of the Poquoson River. On the off-shore end of this pier a red light, continuous, has been installed. The light is on top of a cupola at the end of the dock.

17. Considerable difficulty was encountered in locating the Magisterial District line in the southwest corner of the quadrangle. Original descriptions, dated 1870, were obtained from the County Clerk's office in Yorktown, however, the line at some places follows the old stage road which is now over-grown with timber and can not be found. The line shown on the map manuscript was located by using the original description and local information.

One county boundary line monument is shown in the southwest corner of the quadrangle. The azimuth of the county boundary line shown in violet is determined by a second monument located in quadrangle T-8317.

18. The following discrepancies were found in Geographic Names.

~~Charleston Creek~~

Charleston Creek should be changed to Claxton Creek ✓

Cabin Creek should be changed to Bay Tree Creek

Clarkson Creek should be changed to Cabin Creek

Considerable time was spent on clearing up the geographic names. Mr. Wainwright (95 years old and the oldest person in the county) was questioned and verified all of the above changes. His address is Grafton, Virginia.

Mrs. J. W. Ironmunger, Seaford, Virginia, (who has written a book pertaining to the first settling of that part of Virginia, and who has traced through all the original records to get the correct spelling of all the names) verified the above names.

Mr. E. W. Mills, Seaford, Virginia, (who operates a marine railway in Back Creek and has done boat work in all of the area) verified the above names.

Numerous other inquiries were made besides the three mentioned above.

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 the discrepancy overlay have been checked off in
red ink.

47. The map manuscript as a whole is believed to be very accurate in regard to position. There appears to be some discrepancy in the circular road system within the Navy Mine Warfare School as regards position. The error appears to be local and may have been caused by shadows from the large buildings. The map manuscript was not corrected.
Manuscript corrected by the reviewer in the Wash. Office.

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

One test was made to determine the accuracy of the contours in this quadrangle, the test falling partly in T-8316 and T-8317. The test consisted of placing five foot contours on a photograph used for fly-leveling over an area of about one square mile. The contours were checked by placing a tracing of the contours from the contour photograph over the five foot contours.

The test was run by W. M. Reynolds on Photograph No. 12688 to test the work of Morris W. Burr. The results of this 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-8313 on the south ^{has been checked} and the following changes should be made on T-8313:

At Longitude 76-24.6 the easterly of the two roads is a Rd. 3 and the westerly is a Rd. 2.

At Longitude 76-29.5 the political district boundary does not enter the quadrangle from the north.

At Longitude 76-29.6 the county boundary line should be checked against the line shown on T-8316.

*Corrections made by reviewer in the Wash. office
of the above changes to T-8313.*

The junction with T-8317 on the west will be checked when the report for T-8317 is submitted.

Submitted by:

William A. Rasure
William A. Rasure
Asst. Photo. Engr.
by SRJ

Approved and forwarded by:

F. L. Gallen
F. L. Gallen
Chief of Party
by SRJ

HORIZONTAL ACCURACY TEST
PROJECT CS 289 A-1 (South) TRAVERSE LINE NO. 6
QUADRANGLES NOS. T-8316 and T-8317

This test consists of a traverse between triangulation stations WEST, 1932 and YORKTOWN MONUMENT, 1906 and the latter station and YORK-3, 1932. The first part of the traverse is 8.9 statute miles long and the closing error is 1.54 meters or 1 part in 9300. The second part of the traverse is 0.64 statute miles long and the closing error is 0.05 meters or 1 part in 20,000. The closing error was adjusted through the traverse. 16 test points were computed. In the tabulation the geodetic positions 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 Nos. 1 to 10 are in quadrangle T-8316 and points Nos. 11 to 16 are in quadrangle T-8317.

TABULATION OF TEST POINTS

Description of point	Test point number	Latitude	Longitude	Displacement in mm	Direction of displacement.
T-road Int.	T-1	37-09+78.4	76-26+112.5		
	M-1	$\begin{array}{r} 3.92 \\ 9.40 \\ \hline - .52 \end{array}$	$\begin{array}{r} 563 \\ 6.50 \\ \hline - .13 \end{array}$	.54	
T-road Int.	T-2	37-09+456.8	76-26+1085.8		
	M-2	$\begin{array}{r} 22.84 \\ 22.25 \\ \hline - .49 \end{array}$	$\begin{array}{r} 54.29 \\ 54.50 \\ \hline + .21 \end{array}$	.53	44
T-road Int.	T-3	37-09+116.5	76-27+102.3		
	M-3	$\begin{array}{r} 5.83 \\ 5.80 \\ \hline - .53 \end{array}$	$\begin{array}{r} 5.12 \\ 5.15 \\ \hline + .03 \end{array}$	.53	
X-road Int.	T-4	37-08+1568.1	76-27+839.4		
	M-4	$\begin{array}{r} 78.41 \\ 78.15 \\ \hline - .26 \end{array}$	$\begin{array}{r} 41.97 \\ 42.10 \\ \hline + .13 \end{array}$	.29	.22
T-road Int.	T-5	37-09+1154.2	76-27+1281.5		
	M-5	$\begin{array}{r} 57.71 \\ 57.85 \\ \hline + .14 \end{array}$	$\begin{array}{r} 64.08 \\ 64.30 \\ \hline + .22 \end{array}$	.26	
T-road Int.	T-6	37-09+1629.8	76-28+155.3		
	M-6	$\begin{array}{r} 81.49 \\ 81.70 \\ \hline + .21 \end{array}$	$\begin{array}{r} 7.17 \\ 7.85 \\ \hline + .68 \end{array}$	.71	
T-road Int.	T-7	37-10+464.1	76-28+606.2		
	M-7	$\begin{array}{r} 23.21 \\ 22.85 \\ \hline - .36 \end{array}$	$\begin{array}{r} 30.31 \\ 30.45 \\ \hline + .14 \end{array}$	.39	31
T-road Int.	T-8	37-10+1169.2	76-28+1108.7		
	M-8	$\begin{array}{r} 59.46 \\ 59.15 \\ \hline - .31 \end{array}$	$\begin{array}{r} 55.44 \\ 55.75 \\ \hline + .31 \end{array}$	.44	

Description of point	Test Point number	Latitude	Longitude	Displacement in mm	Direction of displacement.
T-road Int.	T-9	37-11+1196.2	76-29+648.4		
	M-9	$\begin{array}{r} 59.81 \\ 59.90 \\ +.09 \end{array}$	$\begin{array}{r} 32.42 \\ 32.60 \\ +.18 \end{array}$	.20	
X-road Int.	T-10	37-12+788.8	76-29+1344.0		
	M-10	$\begin{array}{r} 39.44 \\ 39.90 \\ +.46 \end{array}$	$\begin{array}{r} 67.20 \\ 67.75 \\ +.55 \end{array}$	.71	
X-road Int.	T-11	37-12+1405.1	76-30+140.7		
	M-11	$\begin{array}{r} 70.26 \\ 70.20 \\ -.06 \end{array}$	$\begin{array}{r} 8.07 \\ 8.00 \\ -.07 \end{array}$	.07	
T- X-road Int.	T-12	37-13+231.0	76-30+485.0		
	M-12	$\begin{array}{r} 11.55 \\ 11.40 \\ -.15 \end{array}$	$\begin{array}{r} 24.25 \\ 24.80 \\ +.55 \end{array}$	.57	.53
Y-road Int.	T-13	37-13+586.4	76-30+621.4		
	M-13	$\begin{array}{r} 29.32 \\ 29.30 \\ -.02 \end{array}$	$\begin{array}{r} 31.07 \\ 31.50 \\ +.43 \end{array}$	.43	
T-road Int.	T-14	37-13+1321.8	76-30+568.8		
	M-14	$\begin{array}{r} 66.09 \\ 66.18 \\ +.01 \end{array}$	$\begin{array}{r} 28.44 \\ 28.70 \\ +.26 \end{array}$	.26	
T-road Int.	T-15	37-13+1840.0	76-30+553.9		
	M-15	$\begin{array}{r} 92.08 \\ 92.08 \\ 00 \end{array}$	$\begin{array}{r} 27.70 \\ 28.05 \\ +.35 \end{array}$	.35	
T-road Int.	T-16	37-14+473.8	76-30+697.6		
	M-16	$\begin{array}{r} 173.8 \\ 8.69 \\ 8.30 \\ -.39 \end{array}$	$\begin{array}{r} 34.88 \\ 35.50 \\ +.62 \end{array}$	.73	.48

Submitted by

G.R. Fish

G.R. Fish

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

Approved and forwarded by

F.L. Gallen

F.L. Gallen
Chief of Party

DUPLICATE

T-8314

LANDMARKS FOR CHARTS

TO BE CHARTED
TO BE DELETED

Gloucester, Va.

~~Feb. 9, 1944~~, 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.

See C.W. Letter 371-44

The positions given have been checked after listing.

[illegible]

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

VERIFIED LOCATIONS

~~TO BE EXCHANGED~~
~~TO BE EXCHANGED~~

STRIKE OUT ONE

LANDMARKS FOR CHARTS

Baltimore, Maryland

May 16, 1944

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

The positions given have been checked after listing.

See Ch. letter 428-44 in Naut. Chs. files

Fred. L. Peacock

Chief of Party.

GENERAL LOCALITY		NAME AND DESCRIPTION	POSITION						METHOD OF LOCATION	DATE OF LOCATION	CHARTS AFFECTED		
			LATITUDE		LONGITUDE		DATUM	HARBOR CHART			INSHORE CHART	OFFSHORE CHART	
			O	I	D. M. METERS	O							I	D. P. METERS
YORK RIVER		Lower Yorktown Fl. G. 4 sec. Northeast cor. wharf	37	13	1019.8 (829.9)	76	28	979.8 (499.3)	N.A. 1927	Sextant	5/12/44		494
		York River Thorofare 1 Fl. W. 5 sec. In 7 ft. at entrance to thorofare	37	13	1199.7 (650.0)	76	25	118.1 (1361.0)	N.A. 1927	"	"		"
		York River Thorofare 2(A) Fl. R. 5 sec. Westerly side of channel	37	13	584.0 (1265.7)	76	25	166.2 (1313.0)	N.A. 1927	"	"		"
		York River Thorofare 3(B) Fl. G. 5 sec. Easterly side of channel	37	13	166.0 (1683.7)	76	25	30.0 (1449.3)	N.A. 1927	"	"		"
		York River Thorofare 5 Fl. W. 5 sec. In 7 ft. Northeastly side of chan.	37	12	1715.7 (134.0)	76	24	1215.5 (263.8)	N.A. 1927	"	"		"
		Candy Point Fl. R. 5 sec. In 6 ft. off pt. north side of entrance to Black C.	37	12	923.9 (925.8)	76	23	1073.1 (406.4)	N.A. 1927	"	"		"
		York Point Fl. R. 5 sec. In 6 ft. on N. side of chan. off York Pt.	37	10	318.9 (1530.7)	76	23	860.2 (620.1)	N.A. 1927	"	"	Super-seeded by Blue Table Position June 9/1944	"
		Bennett Creek BN Fl. W. 5 sec. In 6 ft. on E. side of entrance to cr. S.	37	09	1506.6 (343.0)	76	22	1322.2 (158.2)	N.A. 1927	"	"		"
		Bay Tree Point Fl. W. 5 sec. In 12 ft. off pt. N. side entrance to Back Cr.	37	12	980.0 (869.7)	76	23	707.8 (771.7)	N.A. 1927	"	"		"
		Tue Marshes L.H. also Tria. Sta. in 4 ft. S. side of River	37	14	231.6 (1618.0)	76	23	250.4 (1228.6)	N.A. 1927	"	"		"

Super section by Point Table Position
of June 9/1944

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

LANDMARKS FOR CHARTS

TO BE CHARTED } STRIKE OUT ONE

Suffolk, Virginia

June 9, 1944

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

The positions given have been checked after listing.

See Ch. Letter 428-44

See Ch. Letter 428-44

[illegible]

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

~~NOT RECORDED~~
TO BE DELETED

STRIKE OUT ONE

LANDMARKS FOR CHARTS

Suffolk, Virginia

6. BAKAR

1944

I recommend that the following objects which ~~have~~ be ~~deleted~~ (deleted from) the charts indicated.

The positions given have been checked after listing.

See Ch. Letter 428-44

F.L. Gallen	<i>Chief of Party.</i>
<p> 1890-1891 1891-1892 1892-1893 1893-1894 1894-1895 1895-1896 1896-1897 1897-1898 1898-1899 1899-1900 1900-1901 1901-1902 1902-1903 1903-1904 1904-1905 1905-1906 1906-1907 1907-1908 1908-1909 1909-1910 1910-1911 1911-1912 1912-1913 1913-1914 1914-1915 1915-1916 1916-1917 1917-1918 1918-1919 1919-1920 1920-1921 1921-1922 1922-1923 1923-1924 1924-1925 1925-1926 1926-1927 1927-1928 1928-1929 1929-1930 1930-1931 1931-1932 1932-1933 1933-1934 1934-1935 1935-1936 1936-1937 1937-1938 1938-1939 1939-1940 1940-1941 1941-1942 1942-1943 1943-1944 1944-1945 1945-1946 1946-1947 1947-1948 1948-1949 1949-1950 1950-1951 1951-1952 1952-1953 1953-1954 1954-1955 1955-1956 1956-1957 1957-1958 1958-1959 1959-1960 1960-1961 1961-1962 1962-1963 1963-1964 1964-1965 1965-1966 1966-1967 1967-1968 1968-1969 1969-1970 1970-1971 1971-1972 1972-1973 1973-1974 1974-1975 1975-1976 1976-1977 1977-1978 1978-1979 1979-1980 1980-1981 1981-1982 1982-1983 1983-1984 1984-1985 1985-1986 1986-1987 1987-1988 1988-1989 1989-1990 1990-1991 1991-1992 1992-1993 1993-1994 1994-1995 1995-1996 1996-1997 1997-1998 1998-1999 1999-2000 2000-2001 2001-2002 2002-2003 2003-2004 2004-2005 2005-2006 2006-2007 2007-2008 2008-2009 2009-2010 2010-2011 2011-2012 2012-2013 2013-2014 2014-2015 2015-2016 2016-2017 2017-2018 2018-2019 2019-2020 2020-2021 2021-2022 2022-2023 2023-2024 2024-2025 2025-2026 2026-2027 2027-2028 2028-2029 2029-2030 2030-2031 2031-2032 2032-2033 2033-2034 2034-2035 2035-2036 2036-2037 2037-2038 2038-2039 2039-2040 2040-2041 2041-2042 2042-2043 2043-2044 2044-2045 2045-2046 2046-2047 2047-2048 2048-2049 2049-2050 2050-2051 2051-2052 2052-2053 2053-2054 2054-2055 2055-2056 2056-2057 2057-2058 2058-2059 2059-2060 2060-2061 2061-2062 2062-2063 2063-2064 2064-2065 2065-2066 2066-2067 2067-2068 2068-2069 2069-2070 2070-2071 2071-2072 2072-2073 2073-2074 2074-2075 2075-2076 2076-2077 2077-2078 2078-2079 2079-2080 2080-2081 2081-2082 2082-2083 2083-2084 2084-2085 2085-2086 2086-2087 2087-2088 2088-2089 2089-2090 2090-2091 2091-2092 2092-2093 2093-2094 2094-2095 2095-2096 2096-2097 2097-2098 2098-2099 2099-2100 2100-2101 2101-2102 2102-2103 2103-2104 2104-2105 2105-2106 2106-2107 2107-2108 2108-2109 2109-2110 2110-2111 2111-2112 2112-2113 2113-2114 2114-2115 2115-2116 2116-2117 2117-2118 2118-2119 2119-2120 2120-2121 2121-2122 2122-2123 2123-2124 2124-2125 2125-2126 2126-2127 2127-2128 2128-2129 2129-2130 2130-2131 2131-2132 2132-2133 2133-2134 2134-2135 2135-2136 2136-2137 2137-2138 2138-2139 2139-2140 2140-2141 2141-2142 2142-2143 2143-2144 2144-2145 2145-2146 2146-2147 2147-2148 2148-2149 2149-2150 2150-2151 2151-2152 2152-2153 2153-2154 2154-2155 2155-2156 2156-2157 2157-2158 2158-2159 2159-2160 2160-2161 2161-2162 2162-2163 2163-2164 2164-2165 2165-2166 2166-2167 2167-2168 2168-2169 2169-2170 2170-2171 2171-2172 2172-2173 2173-2174 2174-2175 2175-2176 2176-2177 2177-2178 217</p>	

[illegible]

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

Remarks

Decisions

1		USGB
2		
3		
4		
5		372763
6		Road Maps
7		"
8		
9		371763
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		" USGB
19		"
20		371764 USGB
21		371763 "
22		"
23	Change on Field Edit sheet accepted	371764
24		371763
25	" " "	"
26		372763 USGB
27		"

GEOGRAPHIC NAMES

Survey No. T-8316

HARRIS GROVE quadrangle

1	Name on Survey	A	B	C	D	E	F	G	H	K	
	<u>Virginia</u>	✓		✓							1
	<u>York County</u>	✓	✓	✓	✓	✓	✓	✓	✓	✓	2
	<u>Gloucester County</u>	✓		(very little)							3
	<u>Warwick County</u>	✓		(very little)							4
	<u>York River</u>	✓		✓							5
	<u>U.S. No. 17</u>	✓		✓							6
	<u>Va. Nos. 171, 173</u>	✓		✓							7
											8
	<u>Odd</u>	✓	✓	✓							9
	<u>Floyds Bay</u>	✓		too small							10
	<u>Rens Wharf</u>	✓	✓	✓							11
	<u>White House Cove</u>	✓	✓	✓							12
	<u>Poquoson</u>	✓	✓	✓							13
	<u>Messick Road</u>	✓	✓	(No. 171)	✓						14
	<u>Lyons Creek</u>	✓	✓	✓							15
	<u>Pasture Neck</u>	✓	✓	✓							16
	<u>Bennett Creek</u>	✓	✓	✓							17
	<u>Bay Point</u>	✓	✓	✓							18
	<u>Roberts Creek</u>	✓	✓	✓							19
	<u>Hunts Point</u>	✓	✓	✓							20
	<u>Poquoson River</u>	✓	✓	✓							21
	<u>York Point</u>	✓	✓	✓							22
	<u>Cabin Creek</u>	✓	✓	(not Clarkson Creek)	✓						23
	<u>Bay Tree Point</u>	✓	✓	✓							24
	<u>Bay Tree Creek</u>	✓	✓	(not Cabin Creek)	✓						25
	<u>Tue Point</u>	✓	✓	✓							26
	<u>Tue Marshes Light</u>	✓	✓	✓							27

Remarks

Decisions

1		372763
2		372764
3		"
4		"
5		"
6	Clarkston Creek acceptable, since earliest survey had "Clackston's Creek". Charlestown Creek on name sheet not found elsewhere. It is Clarkston Creek at present on nautical charts. Pending with USGB	"
7		"
8		"
9		"
10		"
11		"
12		"
13		"
14		"
15		"
16		372765
17		372764
18		371764
19		"
20		"
21		"
22		"
23		"
24		"
25		370764
26		371764
27		"

GEOGRAPHIC NAMES

Survey No. T-8316

GEOGRAPHIC NAMES											
Survey No. T-8316											
		On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List		
2	Name on Survey	A	B	C	D	E	F	G	H	K	
	<u>Candy Point Light</u>	✓		✓						1	
	<u>Gaines Point</u>	✓		✓						2	
	<u>Goodwin Islands</u>	✓		✓						3	
	<u>Thorofare</u>	✓		✓						4	
	<u>Green Point</u>	✓		✓						5	
	<u>Claxton Creek</u>	✓		✓						6	
				(not Charlestown Creek)							
	<u>Slates Wharf</u>	✓		✓						7	
	<u>Back Creek</u>	✓		✓						8	
	<u>Dandy</u>	✓		✓						9	
	<u>Goodwin Neck</u>	✓		✓						10	
	<u>Bull Creek</u>	✓		✓						11	
	<u>Wormley Creek</u>	✓		✓						12	
	<u>West Branch</u>	✓		✓						13	
	<u>Mine Warfare School</u>	✓		✓						14	
				(U.S. Navy)							
	<u>Moore House</u>	✓		✓						15	
	<u>Colonial National Monument</u>	✓		✓						16	
	<u>Harris Grove</u>	✓		✓						17	
	<u>Hornebyville</u>	✓		✓						18	
	<u>Yorktown Road</u>	✓		✓						19	
	<u>Vernons Corner</u>	✓		✓						20	
	<u>Grafton</u>	✓		✓						21	
	<u>Coopers</u>	✓		✓						22	
	<u>Burts</u>	✓		✓						23	
	<u>Delbytown</u>	✓		✓						24	
	<u>Camp Patrick Henry</u>	✓		✓						25	
	<u>Poor Farm</u>	✓		✓						26	
	<u>Tabb</u>	✓		✓						27	
				(not Tabbs)							

708316

3

Remarks

Decisions

1		371764
2		"
3		"
4		"
5		371763
6		371764
7	Altho crossed out on Field Edit Sheet, it is believed this name should be retained	"
8	Name on charts preferred: pending with USGB	"
9		" USGB
10		"
11		"
12		"
13		"
14		" USGB
15		"
16		" USGB
17		"
18		" USGB
19		
20		
21		
22		
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES.

Survey No. **T-8316**

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>Moore's Creek</u>	✓		✓						1
	<u>Moore's</u>	✓		✓						2
	<u>Calthrop Neck</u>	✓		✓						3
	<u>Lamba Creek</u>	✓		✓						4
	<u>Hunta Neck</u>	✓		✓						5
	<u>Hunta Wharf</u>	✓		✓						6
	<u>Yorkville</u>	✓		✓						7
	<u>Quarter March Creek</u>	✓	(not North Creek)	✓						8
	<u>Patrioka Creek</u>	✓		✓						9
	<u>Fish Neck</u>	✓		✓						10
	<u>Dare</u>	✓		✓						11
	<u>Hodges Cove</u>	✓		✓						12
	<u>Ship Point</u>	✓		✓						13
	<u>Chisman Creek</u>	✓		✓						14
	<u>Boathouse Creek</u>	✓		✓						15
	<u>Goose Creek</u>	✓		✓						16
	<u>Crab Neck</u>	✓		✓						17
	<u>Seaford</u>	✓		✓						18
										19
										20
										21
										22
										23
										24
										25
										26
										27

Names underlined in red approved
by La Heek on 6/22/44

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.

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.

Descriptive Report.

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.

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-8316

HARRIS GROVE 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, 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-496	1:20,000	1853-54
T-499	1:20,000	1853-54
T-685	1:20,000	1857
T-2749	1:20,000	1906

Comparison with Nautical Charts Nos. 494

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-8316 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 15, 1944 By John H. Stewart
under direction of D. H. Benson

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 M. King
Chief, Div. of Charts
Nautical Chart Branch.

Raymond E. Gorman
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Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T-8316

Record of Application to Charts

[illegible]

M-2168-1

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