

8326

Diag. Cht. No. 78-4.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. CS-289 W1 Office No. T-8326

LOCALITY

State Virginia

General locality York River

Locality Clay Bank

1948-52

CHIEF OF PARTY

F.E. Peacock, Chief of Field Party

L.J. Reed, Div. of Photo., Wash., D.C.

LIBRARY & ARCHIVES

DATE June 13, 1958

B-1870-1 (1)

8326

DATA RECORD

T-8326

Project No. (II): CS-289W1

Quadrangle Name (IV): CLAY BANK

Field Office (II): Baltimore, Md

Chief of Party: Fred E. Peacock

Photogrammetric Office (III): Washington, D.C.

Radial Plot = Leslie E. Lande

Officer-in-Charge:
Compilation = Louis J. Reed

Instructions dated (II) (III):

Copy filed in Division of
Photogrammetry (IV)

(II) = Photogrammetry Instructions No. 17

(III) = Photogrammetry Manual

Method of Compilation (III): Reading Plotter

Manuscript Scale (III): 1:20,000

Stereoscopic Plotting Instrument Scale (III): 1:20,000

Scale Factor (III): 1:1

Date received in Washington Office (IV):

DEC 19 1951

Date reported to Nautical Chart Branch (IV):

JAN 2 1952

Applied to Chart No.

Date:

Date registered (IV): (April) 1958

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): NA 1927

Vertical Datum (III):

Mean sea level except as follows:
Elevations shown as (25) refer to mean high water
Elevations shown as (5) refer to sounding datum
i.e., mean low water or mean lower low water

Reference Station (III):

Lat.:

Long.:

Adjusted

~~Unadjusted~~

Plane Coordinates (IV):

State:

Zone:

Y=

X=

1. Virginia State Grid, South (10,000 ft interval)
2. U.S. Military Grid, Zone A (1,000 yard interval)
3. Universal Transverse Mercator, Zone 18 (1,000 meter interval)

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
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Areas contoured by various personnel
 (Show name within area)
 (U) (III)

100% contoured on the Reading
 Plotter, Model B, by a two-man
 team of

Louis Levin and
 Orvis N. Dalbey

DATA RECORD

Field Inspection by (II): Fred E. Peacock

Date: 1944

Planetable contouring by (II): None

Date:

Completion Surveys by (II): E.T. Jenkins

Date: June 20 1952

Mean High Water Location (III) (State date and method of location):

The MHWL was indicated on 1942 9-lens photos during 1944 field inspection, which was used as a guide during 1951 delineation using 1948 photographs. Therefore this shoreline is dated 1944.

Projection and Grids ruled by (IV): Jack Allen on the Reading Ruling machine

Date: 31 Oct 50

Projection and Grids checked by (IV): Howard D. Wolfe

Date: 1 Nov 51

Control plotted by (III): Henri Lucas

Date: 10 Nov 51

Control checked by (III): Louis J. Reed

Date: 10 Nov 51

Radial Plot of Stereoscopic

Control extension by (III):

Roscoe J. French
and William D. Harris

Date: 9 Nov 51

Stereoscopic Instrument delineation by:
delineation by:Planimetry Louis Levin
and

Date: 12 Dec 51

Contours Orvis N. Dalbey

Date:

compiled
Manuscript delineated by (III):

John B. McDonald

Date: 17 Dec 51

Photogrammetric Office Review by (III): None

Date:

Elevations on Manuscript
checked by (II) (III):

Louis J. Reed

Date: 17 Dec 51

Camera (kind or source) (III): USC&GS 9-lens, model B, f=8.25 inches.

| Number | Date | Time | Scale | Stage of Tide |
|--------|-----------|---------|--------|---------------|
| 22,289 | | | | |
| 290 | | | | |
| 297 | | | | |
| 298 | | clock | | |
| 299 | 30 Mar 48 | | 20,000 | |
| 300 | | stopped | | |
| 320 | | Mar | | |
| 321 | | | | |
| 322 | | | | |
| 22,323 | | | | |

Single Lens Photos 51-0-1062 to 1072 and 1044 to 1050, field inspected in 1951, were used to correct shoreline prior to Field Edit. The Field Editor was supplied with 1952 nine lens photos 34691 to 34694. Feb Tide (III)

Reference Station: Hampton Roads
Subordinate Station: Penniman Spit
Subordinate Station:

| Ratio of Ranges | Mean Range | Spring Range |
|-----------------|------------|--------------|
| 1.0 | 2.5 | 3.0 |

Washington Office Review by (IV): C. Thuermer

Date: April 14 1953

Final Drafting by (IV): J. Frasier

Date: 1-22-59

Drafting verified for reproduction by (IV): W.D. Halluin

Date: 2-27-58

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 60 sq mi
Shoreline (More than 200 meters to opposite shore) (III):
Shoreline (Less than 200 meters to opposite shore) (II):
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II):
Number of BMs searched for (II):
Number of Recoverable Photo Stations established (III):
Number of Temporary Photo Hydro Stations established (III):

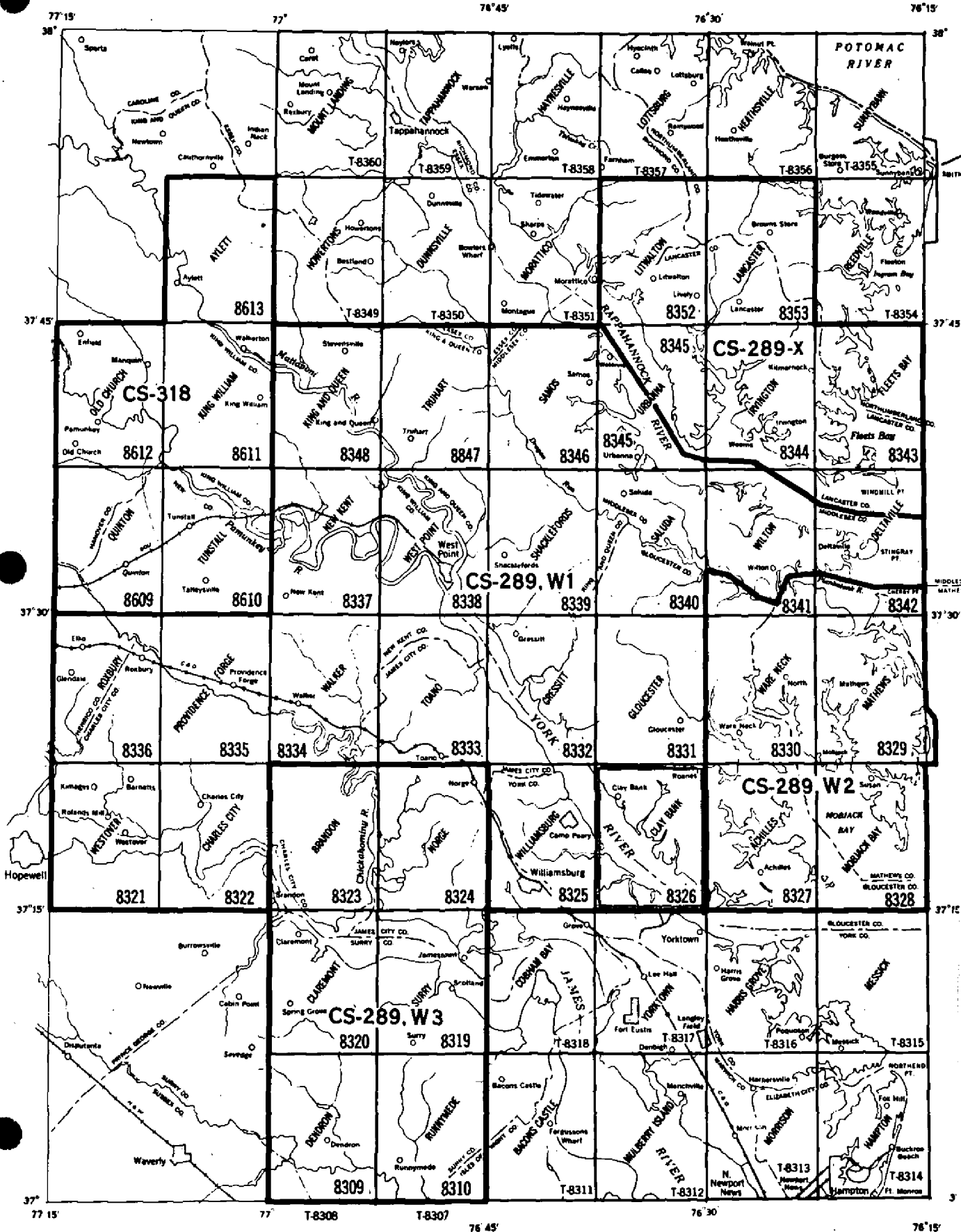
Recovered:
Recovered:

Identified:
Identified:

Remarks:

TOPOGRAPHIC MAPPING PROJECT CS-289-318 (47)

VIRGINIA, Rappahannock River to James River



Summary T-8326

Topographic mapping Project CS-289 is divided into six subprojects: CS-289a, b, x, W-1, W-2, and W-3. Information concerning Project 289 in its entirety will be included in the Project Completion Report. T-8326 is one of seventeen standard 7.5 minute quadrangles and parts of three quadrangles that are included in CS-289 W-1. This area was compiled by the Reading Plotter.

This subproject covers an area between the Rappahannock and the James Rivers including the York, Pamunkey, Mattaponi and Piankatank Rivers. Principal cities of the area are West Point and historically important Williamsburg and Yorktown.

The portion of CS-289 W-1 north of latitude $37^{\circ} 30'$ was completed in 1947 through 1949 and the maps were published by the Geological Survey 1949 through 1951. The compilation of the southern part of this subproject was resumed and completed in 1952. It will be field edited in 1952 and 1953. The Army Map Service published preliminary copies of T-8325, T-8326, and T-8332 that will be revised when the field edit is complete.

The maps of this project are to be published at 1:24,000 scale by the Geological Survey. A cloth-backed lithographic print of the original map manuscript at compilation scale, 1:20,000 and a cloth-backed color print of the published quadrangle, together with the descriptive report, will be filed in the Bureau Archives.

FIELD LEVELING REPORT5. Vertical Control:

Started: 17 Dec 45

finished: 15 Jan 46

results: 37.6 linear miles of 4th order levels

a. Recovery:

Existing vertical control was recovered and pricked in the spring of 1944 by the War Mapping Field Party. No attempt was made to determine the adequacy of the work; it was felt the field edit party would pick up any discrepancies which might exist.

b. Photo numbers:

The following 9-lens photos were used:

12685, 12686, 12861, and 12863.

c. Methods:

About 37.6 linear miles of 4th order leveling was completed by Thomas W. Merriken Jr. Elevations were carried by both direct and trig methods. CB-1 to CB-19 (spot elevations) were determined by trig using a 7" Berger theodolite equipped with stadia hairs and Simmons-Adams leveling rods. Trig elevations were read and computed to 0.1 of a ft with stadia slide rule. Spot elevations CB-20 to CB-69 were determined directly with a Berger wye level. Direct elevations were read and computed to 0.01 of a foot. All elevations were inked on the photos to the nearest 0.1 ft. All loops were closed on either an existing bench mark, a previously determined elevation, or on tidewater.

Level information appears on the photos in blue ink. The code letters CB prefix all spot elevations. The following code was used to segregate the closed elevations from the unclosed elevations:

1. Circled elevations indicate ^{non-}closure on known elev.
2. Dashed line underscoring = closed on tidewater.
3. Solid line underscoring = closed on bench or previously determined elevation.

The average closure of 4th order trig loops was 0.6ft. The average closure of 4th order wye level loops was 0.08ft. There were no 4th order loops known to exceed the required limits of accuracy.

At the northern limits and near the center of the quad is a line of spot elevations requested by the Washington Office. Due to the great change of terrain features since photography, it is not possible to determine position economically, so the line was not run.

Submitted with the photos is a layout showing the approximate positions of the spot elevations. Also, on the first page of the level volumn is the following information:

1. loop pf spot elevations
2. page
3. closure
4. linear miles.
5. field notes checked by
6. adjustment checked by
7. inked on photo No
8. copy checked by
9. remarks.

submitted by:

Thomas W. Merriken Jr
Engr Aid

Approce by:

Harland R. Cravat
Photog Engr

2082

MAP T. 8326

PROJECT NO. CS 289

SCALE OF MAP 1:20,680

SCALE FACTOR:

50

| STATION | SOURCE OF INFORMATION (INDEX) | DATUM | LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE | | metre / sec DISTANCE FROM GRID IN FEET. ON PROJECTION LINE IN METERS | | METAG 1 MIN - DATUM CORRECTION | N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS | | FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS |
|---|--------------------------------|-------|---|--------|--|---------|---|--|--------|--|
| | | | FORWARD | (BACK) | FORWARD | (BACK) | | FORWARD | (BACK) | |
| House A. East Chy 1911 | 559 | Lost | 37 15 | 13.335 | 30.828 | 18449.7 | 411.1 | 1438.6 | 205.5 | 719.3 |
| MINE 1932 | 560 113 | 14 | 76 32 | 28.453 | 24.644 | 1478.6 | 701.2 | 777.4 | 350.6 | 388.7 |
| Navy Mine Depot SQUAD TANK 1942 | 524-43 465 113 369-14 | 15 | 37 15 | 45.707 | 30.828 | 18449.7 | 1409.1 | 440.6 | 704.5 | 220.3 |
| SANDY POINT 4 1945 | 740 | 16 | 76 33 | 11.537 | 24.641 | 1478.6 | 284.3 | 7194.2 | 142.1 | 597.1 |
| KINGS CREEK 3, 1932 | 524-41 551 | 17 | 37 16 | 06.40 | 30.828 | 18449.7 | 197.3 | 1652.4 | 98.6 | 826.2 |
| BARN BELOW KINGS CREEK, CUDOLA 1911 | 524-41 566 | Lost | 76 34 | 37.32 | 24.639 | 1478.4 | 919.6 | 558.8 | 452.8 | 279.4 |
| WALLER 2 1911 | 549 | 19 | 37 16 | 03.562 | 30.828 | 18449.7 | 109.8 | 1739.9 | 54.9 | 869.9 |
| SANDY PT SHOAL LIGHT 1945 | 740 | 20 | 76 33 | 08.165 | 24.639 | 1478.4 | 201.2 | 1277.2 | 100.6 | 638.6 |
| | | | 37 16 | 59.125 | 30.828 | 18449.7 | 1822.7 | 27.0 | 911.3 | 13.5 |
| | | | 76 35 | 06.136 | 24.634 | 1478.1 | 151.2 | 1326.9 | 76.6 | 663.4 |
| | | | 37 16 | 15.32 | 30.828 | 18449.7 | 472.3 | 1377.4 | 236.1 | 689.7 |
| | | | 76 35 | 36.20 | 24.638 | 1478.3 | 891.9 | 586.4 | 445.9 | 293.2 |
| | | | 37 18 | 28.450 | 30.828 | 18449.7 | 877.1 | 972.6 | 438.5 | 486.3 |
| | | | 76 37 | 07.787 | 24.626 | 1477.6 | 191.8 | 1285.8 | 95.9 | 642.9 |
| | | | 37 16 | 12.042 | 30.828 | 18449.7 | 371.2 | 1478.5 | 185.6 | 739.2 |
| | | | 76 32 | 50.764 | 24.638 | 1478.3 | 1250.7 | 227.6 | 625.3 | 113.8 |

1 FT. = .3048006 METER

COMPILED BY:

DATE: _____

CHECKED BY:

DATE _____

M. 2388.12

MAP T 8326

PROJECT NO. C.S. 289

SCALE OF MAP 1:20,000

SCALE FACTOR

| STATION | SOURCE OF INFORMATION (INDEX) | DATUM | LATITUDE OR ν -COORDINATE LONGITUDE OR x -COORDINATE | DISTANCE FROM GRID-IN FEET, OR PROJECTION LINE IN METERS <i>metric in feet</i> | N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK) | FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK) |
|--|-------------------------------|-------|---|--|---|--|
| GUM FORK 1942 | CP 458 104-11 | 1 | 37 22 14.574 76 34 24.465 | 30.828 ✓ 24.607 ✓ | 1849.7 ✓ 449.3 1400.4 1476.3 ✓ 725.0 751.3 | 224.6 700.2 362.5 375.6 |
| CLAY BANK 2, 1911 | 459 112 | 2 | 37 21 08.706 76 36 48.217 | 30.828 ✓ 24.612 ✓ | 1849.7 ✓ 268.4 1581.3 1476.8 ✓ 1186.8 290.0 | 134.2 790.6 593.4 145.0 |
| ROSE WELL 2, 1911 | 548 136 | 3 | 37 19 38.273 76 35 25.606 | 30.828 ✓ 24.620 ✓ | 1849.7 ✓ 1199.9 ✓ 669.7 1477.2 ✓ 630.4 ✓ 846.8 | 589.9 334.9 315.2 423.4 |
| HOUSE D. above GREEN PT, CNY 1932 (with H. on Blundenburg) | 565 524-49 | 4 | 37 18 55.78 76 34 33.05 | 30.828 ✓ 24.623 ✓ | 1849.7 ✓ 7719.6 ✓ 130.1 1477.4 ✓ 913.8 ✓ 663.6 | 859.8 65.0 406.9 331.8 |
| PAGE ROCK LH 1911 | 561 141 | 5 | 37 18 38.803 76 35 12.849 | 30.828 ✓ 24.626 ✓ | 1849.7 ✓ 1196.2 ✓ 653.5 1477.5 ✓ 316.4 ✓ 1161.1 | 598.1 326.7 158.2 580.5 |
| GREEN PT 2, 1911 | 548 136 | 6 | 37 17 50.813 76 33 30.422 | 30.828 ✓ 24.630 ✓ | 1849.7 ✓ 1566.5 283.2 1477.7 ✓ 949.2 728.5 | 783.3 141.6 374.6 364.2 |
| CARMINES 2, 1911 | 548 136 | 7 | 37 16 56.110 76 32 06.740 | 30.828 ✓ 24.634 ✓ | 1849.7 ✓ 1729.8 119.9 1478.0 ✓ 166.0 ✓ 1312.0 | 864.9 589.9 83.0 656.0 |
| MUM RM 3 1932 | 136 | 8 | 37 15 50.684 76 30 47.305 | 30.828 ✓ 24.640 ✓ | 1849.7 ✓ 1562.5 287.2 1478.5 ✓ 1165.1 312.8 | 781.2 143.6 582.8 156.4 |
| PENNIMAN TANK 1942 | 465 114 | Lost | 37 17 10.428 76 36 31.751 | 30.828 ✓ 24.634 ✓ | 1849.7 ✓ 321.5 1528.2 1478.0 ✓ 782.1 695.9 | 160.7 764.1 391.0 348.0 |
| PTS 56 A (USGS) | | 10 | 37 22 14.7 76 30 23.7 | 30.828 ✓ 24.606 ✓ | 1849.7 ✓ 453.2 1396.5 1476.3 ✓ 583.1 893.2 | 226.6 698.2 291.5 446.6 |
| BEACON OFF SANDY PT 1932 | 559 146 | Lost | 37 16 11.816 76 32 50.749 | 30.828 ✓ 24.638 ✓ | 1849.7 ✓ 364.3 ✓ 1485.4 1478.3 ✓ 1250.4 ✓ 227.9 | 182.1 742.7 625.2 114.0 |
| MINE DEPOT LIGHT ON PIER 1932 | 560 524-43 | Lost | 37 15 07.000 76 31 37.739 | 30.828 ✓ 24.644 ✓ | 1849.7 ✓ 25.8 ✓ 1633.9 1478.7 ✓ 930.0 ✓ 548.7 | 107.9 816.9 465.0 274.3 |

1 FT. = 3048006 METER

COMPUTED BY Lucas

DATE 10 Nov 51

CHECKED BY: [Signature]

DATE 10 Nov 51

M-2388-12

COMPILATION REPORT31. Delineation:

This map was delineated on the Reading Plotter, model B. Photo coverage and field inspection were complete, but the field inspection was rather old having been done in 1944. However, it was used as a guide during compilation and superceded whenever the later instrument photos (1948) revealed changes. No areas in this quad have been left incomplete but a thorough field edit will be required to bring the work up to date.

32. Control:

Horizontal control was considered adequate for the control of the plot which included this quad; for details, see side-heading 23 of the radial plot report included in the Descriptive Report accompanying T-8325.

Vertical control for contouring purposes was adequate although additional elevations would have been useful in special locations. Vertical control was furnished as photo-identified points in level lines run along nearly all roads in the area with spur lines extended into inaccessible areas within the road network. Refer to the Field Leveling Report included in this report.

33. Supplemental Data:

a. Special reports: None.

b. Instrument Photos (metal-mounts):

22289, 290, 297, 298, 299, 300, 320, 321, 322, and 323.

c. Field Inspection Photos:

12,684, x685, 686, 687, 862, and 863.

34. Contours and Drainage:

Instrument photography was suitable for contouring purposes and no areas of questionable contours remain. The photos were exposed in the spring when the majority of the leaves were off the trees permitting maximum vision of the ground. Some coniferous trees were in the area but they did not exist in such large groups that contouring thru them was impossible. The only drawback to the instrument photography was in the assembly of the photos themselves; the junctions within each photo were not to well made, requiring the use of more correction curves than normal.

35. Shoreline and Alongshore Details:

The shoreline was indicated on the field inspection photos, and it was used as a guide during instrument delineation. It was out-of-date at the time of compilation and therefore should be revised before publication of the map. No low-water or shoal lines were indicated or delineated.

36. Offshore Details: Not applicable.37. Landmarks and Aids: None. *See Attached Forms 567*38. Control for Future Surveys: None.39. Junctions:

Not all junctions are in agreement. Two quads were mapped simultaneously with this one and these two edges were made to agree during the normal compilation procedure; they are T-8331 to the north and T-8325 to the west. The other two junctions agree in part but since they are planetable surveys rather than a radial plot survey, the detail seems to be of varying scale at the match edge. The positioning of such detail by this survey is considered very strong and has been unchanged on the manuscript. No attempt has been made at this time to correct this junction discrepancy.

40. Horizontal and Vertical Accuracy:

This map is believed to meet mapping standards in both respects, the horizontal scale being 1:20,000, and the contour interval being 20ft.

46. Comparison with Existing Maps:


USGS Quad Map "WILLIAMSBURG", Va, 1:62,500, 1906 edition, reprinted 1945.

47. Comparison with Nautical Charts:

YORK RIVER-YORKTOWN TO WEST POINT, No.495, 1:40,000, August 1931.

48. Geographic Name List: See separate page, following.49. Notes for the Hydrographer: Not applicable.50. Compilation Office Review: Not completed - lack of time.

Approved and Forwarded by:


Louis J. Reed, Chief
Stereoscopic Mapping Section
Photogrammetric Engineer

Submitted by:


William D. Harris
Cartographer-Photogrammetric

GEOGRAPHIC NAMES

Survey No. T-8326

#1

Name on Survey

| | 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 | |
|---|-----------------|---------------------------|-----------------------------|---------------------------|---------------|--------------------|--------------------|------------------|----|
| A | B | C | D | E | F | G | H | K | |
| ✓ <u>Virginia</u> | | | | | | | | | 1 |
| ✓ <u>York County</u> | | | | | | | | | 2 |
| ✓ <u>Gloucester County</u> | | | | | | | | | 3 |
| ✓ <u>U.S. 17 George Washington Memorial Parkway</u> | | | | | | | | | 4 |
| ✓ <u>Tidenator Trail</u> | | | | | | | | | 5 |
| ✓ <u>York River</u> | | | | | | | | | 6 |
| ✓ <u>Stony Point</u> | | | | | | | | | 7 |
| ✓ <u>Yorktown Naval Mine Depot</u> | | | | | | | | | 8 |
| ✓ <u>Indian Field Creek</u> | | | | | | | | | 9 |
| ✓ <u>Sandy Point</u> | | | | | | | | | 10 |
| ✓ <u>Colonial ^{National Monument} Parkway (road)</u> | | | | | | | | | 11 |
| ✓ <u>Colonial National Historical Park</u> | | | | | | | | | 12 |
| ✓ <u>Felgates Creek</u> | | | | | | | | | 13 |
| ✓ <u>Poley Point</u> | | | | | | | | | 14 |
| ✓ <u>Black Swamp</u> | | | | | | | | | 15 |
| ✓ <u>Penniman spit</u> | | | | | | | | | 16 |
| ✓ <u>King Creek</u> | | | | | | | | | 17 |
| ✓ <u>Naval Supply Depot Cheatham Annex</u> | | | | | | | | | 18 |
| ✓ <u>Queen Creek</u> | | | | | | | | | 19 |
| ✓ <u>Camp Peary</u> | | | | | | | | | 20 |
| ✓ <u>Old Fort</u> (locality) | | | | | | | | | 21 |
| ✓ <u>Mumfort Islands</u> | | | | | | | | | 22 |
| ✓ <u>Hayes Store</u> (village) | | | | | | | | | 23 |
| ✓ <u>Hayes School</u> | | | | | | | | | 24 |
| ✓ <u>Coleman Swamp</u> | | | | | | | | | 25 |
| ✓ <u>Wicomico</u> | | | | | | | | | 26 |
| ✓ <u>Sycamore Chapel</u> | | | | | | | | | 27 |

GEOGRAPHIC NAMES

Survey No. 8326

#2

| GEOGRAPHIC NAMES | | | | | | | | | | | |
|------------------|---|----------|--------------------|---------------------|-------------|---------------|--------------------|--------------------|------------------|----|--|
| Survey No. 8326 | | | | | | | | | | | |
| #2 | Name on Survey | On Chart | On previous survey | On U. S. quadrangle | From local | On local Maps | P. O. Guide or Map | Rand McNally Atlas | U. S. Light List | | |
| | | No. | No. | Maps | information | | | | | | |
| | A | B | C | D | E | F | G | H | K | | |
| ✓ | Carmines Islands | | | | | | | | | 1 | |
| ✓ | Carmines Landing | | | | | | | | | 2 | |
| ✓ | Ponhatans House Ruins | | | | | | | | | 3 | |
| ✓ | Timberneck Creek | | | | | | | | | 4 | |
| ✓ | Catlett Islands | | | | | | | | | 5 | |
| ✓ | Poplar Creek | | | | | | | | | 6 | |
| ✓ | Green Point | | | | | | | | | 7 | |
| ✓ | Cedarbush Creek | | | | | | | | | 8 | |
| ✓ | Oliver Landing | | | | | | | | | 9 | |
| ✓ | Bridges | | | (village) | | | | | | 10 | |
| ✓ | Providence Baptist Church | | | | | | | | | 11 | |
| ✓ | Ordinary | | | (village) | | | | | | 12 | |
| ✓ | First Baptist Church | | | | | | | | | 13 | |
| ✓ | Berea Baptist Church | | | | | | | | | 14 | |
| ✓ | Abingdon Swamp Church | | | | | | | | | 15 | |
| ✓ | White Marsh (recent B.G.N. decision) | | | | | | | | | 16 | |
| ✓ | Piney Swamp (name ok, wherever it applies) | | | | | | | | | 17 | |
| ✓ | White Marsh Farm | | | | | | | | | 18 | |
| ✓ | Roanes | | | | | | | | | 19 | |
| ✓ | Robins Pond | | | | | | | | | 20 | |
| ✓ | Union Prospect Baptist Church | | | | | | | | | 21 | |
| ✓ | York River Road | | | | | | | | | 22 | |
| ✓ | Weaver Pond (project names report recommends retention of old name) | | | | | | | | | 23 | |
| ✓ | Clopton | | | | | | | | | 24 | |
| ✓ | Coke | | | | | | | | | 25 | |
| ✓ | Antioch Church | | | | | | | | | 26 | |
| ✓ | Carter Creek | | | | | | | | | 27 | |

GEOGRAPHIC NAMES

Survey No. T-8326

#3

Name on Survey

| | A | B | C | D | E | F | G | H | K | |
|------------------------------------|---|---|---|---|---|---|---|---|-----|----|
| ✓ Blundering Point ✓ | | | | | | | | | | 1 |
| ✓ Pages Rock Light ✓ | | | | | | | | | | 2 |
| ✓ Gum Point ✓ | | | | | | | | | | 3 |
| Rosewell ✓ (locality) | | | | | | | | | | 4 |
| ✓ Rosewell Road ✓ | | | | | | | | | | 5 |
| ✓ Gum Fork ✓ (village) | | | | | | | | | B&N | 6 |
| ✓ Aberdeen Creek ✓ | | | | | | | | | | 7 |
| ✓ Clay Bank | | | | | | | | | B&N | 8 |
| ✓ Clay Bank Road ✓ | | | | | | | | | | 9 |
| ✓ Jones Creek ✓ | | | | | | | | | | 10 |
| ✓ Concord ✓ (name ok for locality) | | | | | | | | | | 11 |
| ✓ Sandy Creek ✓ | | | | | | | | | | 12 |
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Namos approved
4-10-53
L. Heck

FIELD EDIT REPORT
Quadrangle T-8326
Project CS289 W-1

H. A. Paton, Chief of Party

51. METHODS

All roads were ridden out to check their classification, to investigate questioned areas, to reclassify buildings and to visually check contours and planimetry.

Shoreline delineation, shoreline features and offshore features were inspected wherever roads permitted access.

Standard surveying methods were used in making additions, corrections and deletions.

All additions, corrections and deletions have been either indicated on the field edit sheet or cross referenced to the photographs. A legend explaining the colored inks used is shown on the field edit sheet and photographs.

Field edit information is shown on one field edit sheet cut into four sections numbered 1, 2, 3 and 4, one discrepancy print, one single weight matte print with Notes to Reviewers, one junction print of Quadrangle T-8327, one 9 lens 1:10,000 scale photograph, four 9 lens 1:20,000 scale photographs, eleven single lens 1:20,000 scale photographs, one letter from the National Park Service and one letter from the Commanding Officer of the Yorktown Naval Mine Depot.

52. ADEQUACY OF COMPILATION

The map compilation is adequate, with the exception of a few corrections and additions, and will be complete with the application of the field edit data.

53. MAP ACCURACY

The horizontal positions of the map details appear to be good. Plane table traverses in different areas checked well with all shown features.

Two vertical accuracy tests were made in the quadrangle, directly on the field edit sheet, using standard plane table profile methods.

Accuracy test #1 made near the N.E. corner of the quadrangle tested 69 points, 90% of which had an error of one foot or less, and 10% an error of less than one half a contour interval.

Accuracy test #2 made near the S.W. corner of the quadrangle tested 55 points, 84% of which had an error of one foot or less and 16% an error of less than one half a contour interval.

Several small errors of contour expression were corrected.

54. RECOMMENDATIONS

None.

55. EXAMINATION OF PROOF COPY

Mr. D. D. Adams of the Soil Conservation Service, Box 297, Gloucester, Virginia, has agreed to examine the portion of the map east of the York River.

LCDR W. W. Race of the Cheatham Annex, Williamsburg, Virginia, will examine the portion of the map west of York River.

It is believed that Mr. Adams and LCDR Race are well qualified to make these examinations and both are familiar with the portions of the map they will examine.

The pond in the vicinity of Lat. 37° - 21', Long. 76° - 33' is now known as "Haynes Pond". The pond was once owned by "Weaver" but has been owned, and its water mill operated, by the Haynes Family for the past 40 to 50 years.

A list of reliable residents for references is shown with the field edit data.

The flat area along the eastern limit of the quadrangle, between Hayes Store and Ordinary is known as "Coleman Swamp". However, the only part that is actually swamp is shown correctly on the manuscript.

Piney Swamp is only a geographic name and should be shown as indicated in Notes to Reviewers.

The name "Concord" is little known and does not apply to the area shown. Some older residents know the area, indicated in Notes to Reviewers as Concord.

56. LANDMARKS AND AIDS

A newly constructed grain elevator in Clay Bank, Virginia, is recommended for charting. Forms 524 and 567 are submitted with this report.

Approved and forwarded

Hubert A. Paton

Hubert A. Paton
Comdr., C&GS
Officer in Charge

Respectfully submitted by:

Elgan T. Jenkins
Elgan T. Jenkins
Carto. Survey Aid
June 20, 1952

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE DEDICATED~~

STRIKE OUT ONE

Washington Office

Nov. 19 1952

I recommend that the following objects which have ~~(been examined)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(the chart)~~ the charts indicated.

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

S. V Griffith

Chief of Party.

[illegible]

STRIKE OUT ONE

Baltimore, Maryland

19
52

NON-LOCATING AIDS OR LANDMARKS FOR CHARTS

I recommend that the following objects which have ~~been~~ been inspected from seaward to determine their value as landmarks be charted on ~~(attached copy)~~ the charts indicated.

The positions given have been checked after listing by

E. L. Williams

| | |
|-------------|-----------------|
| H. A. Paton | Chief of Party. |
|-------------|-----------------|

[illegible]

TO BE DELETED

York River, Virginia

~~Feb. 18, 1952~~

The positions given have been checked after listing by

Joseph Steinberg

Hubert A. Paton *Chief of Party.*

Hubert A. Paton

[illegible]

NON-TECHNICAL GUIDANCE FOR CHARTS

STRIKE OUT ONE

Washington Office

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

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

S. V Griffith *Ch*

[illegible]

Review Report T-8326
Topographic Map
April 14, 1953

61. General Statement.-This map is one of ^{Six} ~~four~~ topographic quadrangles that were compiled on the Reading Plotter, given a preliminary review, smooth drafted and forwarded to the Army Map Service for publication in February 1952. This map was not published at that time. A final copy of this manuscript after field edit and final review will be forwarded to the Army Map Service so that the preliminary copy can be corrected.

62. Comparison with Registered Topographic Surveys.-

| | | |
|-----------------|----------|---------|
| T-685 | 1:20,000 | 1857 |
| T-685a | " | 1911 |
| T-4712 | 1:5,000 | 1933 |
| T-6983b | 1:10,000 | 1944-45 |
| (Graph.Control) | | |
| T-8017 | 1:5,000 | 1945 |

This map supersedes these surveys for nautical charting purposes.

63. Comparison with maps of other Agencies.-

USGS Williamsburg Quad. 1:62,500 1904

Extensive changes in the roads, buildings, and water front facilities in the military installation area are shown on the map manuscript.

64. Comparison with Contemporary Hydrographic Surveys.-

| | | |
|--------|----------|------|
| H-7022 | 1:10,000 | 1945 |
| H-7081 | 1:5,000 | 1947 |

Hydrography was added to the map manuscript using these and older surveys. No discrepancies were noted.

65. Comparison with Nautical Charts.-

Chart No. 495 1:40,000 1931 Corr. 1951

The recommended addition and deletions of landmarks on Chart Letter 214(52) should be applied to the Nautical Chart.

Two charted landmarks on Chart 495 within the detail limits of the map manuscript were recommended for deletion by the field editor. Five additional landmarks were recommended for deletion by the reviewer. The tank N. of King Creek, the chimney N. of Jones Creek and the chimney on the four story house are no longer standing. The prominent grain elevator

recommended as a landmark by the field editor has replaced the gable of house on pier and the chimney SE of Claybank.

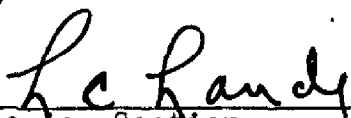
66. Adequacy of Results.-See Field Edit Report for results of accuracy tests on this quadrangle. This map conforms with the National Standards of Map Accuracy.


67. Classification.-See attached letter relative to security clearance in the military reservations on this map.

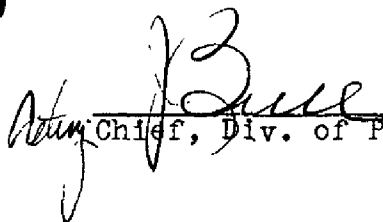
Reviewed by:

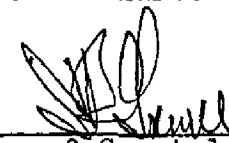

C. Theurer


APPROVED


Chief, Review Section
Div. of Photogrammetry


Chief, Nautical Chart Branch
Div. of Charts


Acting Chief, Div. of Photogrammetry


Chief, Div. of Coastal Surveys

Address reply to 
Refer to No.

U. S. NAVAL MINE DEPOT
YORKTOWN, VIRGINIA



B:BHS:jta
A10-2
Serial 2705

JUN 16 1952


Director,
U. S. Coast & Geodetic Survey,
Department of Commerce,
Washington 25, D. C.

Dear Sir:

Mr. Jenkins, of your Department, the bearer, has completed a survey which includes lands of the U. S. Naval Mine Depot. He has submitted his working drawings (Sheet T-8326) to the Commanding Officer, U. S. Naval Mine Depot, in accordance with existing directives. Buildings and roads deleted therefrom have been removed for security reasons.

The cooperation of Mr. Jenkins and his associates is greatly appreciated.

Very truly yours,



W. J. LONGFELLOW,
Captain, U.S.N.,
Commanding.

NAUTICAL CHARTS BRANCH

SURVEY NO. _____

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.