

8332

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-8332

LOCALITY

State Virginia

General locality York River

Locality Gressitt

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 24, 1958

DATA RECORD

T-8332

Project No. (II): CS-289W1

Quadrangle Name (IV): GRESSITT

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

DEC 19 1951

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No. 495

Date: 1953

Date registered (IV): 4-7-58

Publication Scale (IV): 1:24000

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:

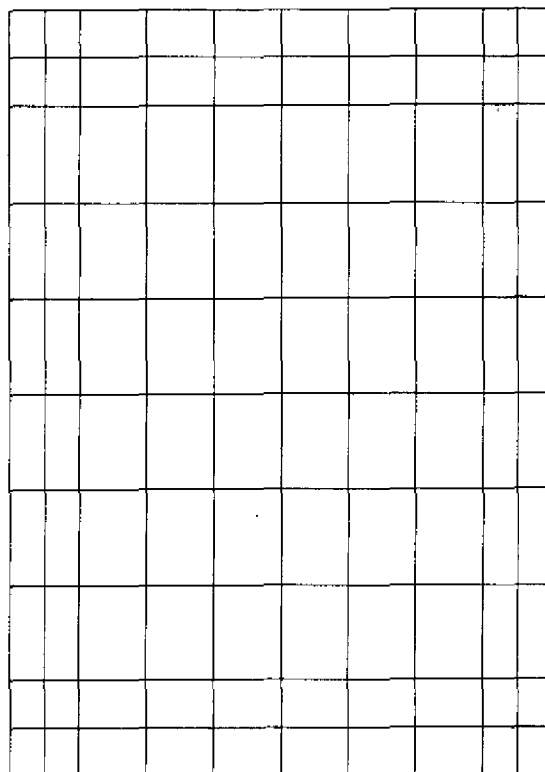
Y=

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.



Areas contoured by various personnel

(Show name within area)

(K) (III)

The contours were compiled 100% on the Reading Plotter, model A, by a two-man team of

and Clarence E. Misfeldt
Robert L. Sugden

with a third man acting as alternate to take the place of either man of the team when he might be off duty. He was

William D. Harris

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: 7-9-52

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

The shoreline must be dated 1944. The MHWL was indicated on 1942 9-lens photographs during 1944 field inspection which were used as a guide during 1951 delineation using 1948 instrument photos.

Projection and Grids ruled by (IV): Jack Allen on the Reading Ruling Machine Date: 31 Oct 51

Projection and Grids checked by (IV): Howard D. Wolfe Date: 1 Nov 51

Control plotted by (III): John B. McDonald and Charles E. Cook Date: 10 Nov 51
(manuscript)

Control checked by (III): Louis J. Reed Date: 11 Nov 51

Radial Plot ~~extension~~ extension by (III): Roscoe J. French and William D. Harris Date: 9 Nov 51

delineation by Planimetry Clarence E. Misfeldt Date: 4 Dec 51
Stereoscopic Instrument ~~extension~~ and and
Contours Robert L. Sugden Date:

compiled
Manuscript ~~extension~~ by (III): Henri Lucas Date: 7 Dec 51

Photogrammetric Office Review by (III): None Date:

Elevations on Manuscript Louis J. Reed Date: 7 Dec 51
checked by (IV) (III):

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

Number	Date	PHOTOGRAPHS (III) Time	Scale	Stage of Tide
22,259		12:01		
60				
61				
67				
68	30 Mar 48	12:00	20,000	
69				
70		12:15		
88		clock		
89		stopped		
22,290				

Single lens photos 51-D-1074-1065 and 1032 to 1037, field inspected in 1951, were used to correct the shoreline prior to field edit. The field editor was supplied with 1952 nine lens photos 3606F and 36070.

Tide (III)

Reference Station: *Hampton Roads*
 Subordinate Station: *Allmondsville*
 Subordinate Station:

Ratio of Ranges	Mean Range	Spring Range
1.1	2.8	3.3

Washington Office Review by (IV): *C. Theurer*

Date:

Final Drafting by (IV): *R. Kelly*

Date: *2-12-58*

Drafting verified for reproduction by (IV): *Wm O. Hallum*

Date: *2-19-58*

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) (III):

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II):

Recovered:

Identified:

Number of BMs searched for (II):

Recovered:

Identified:

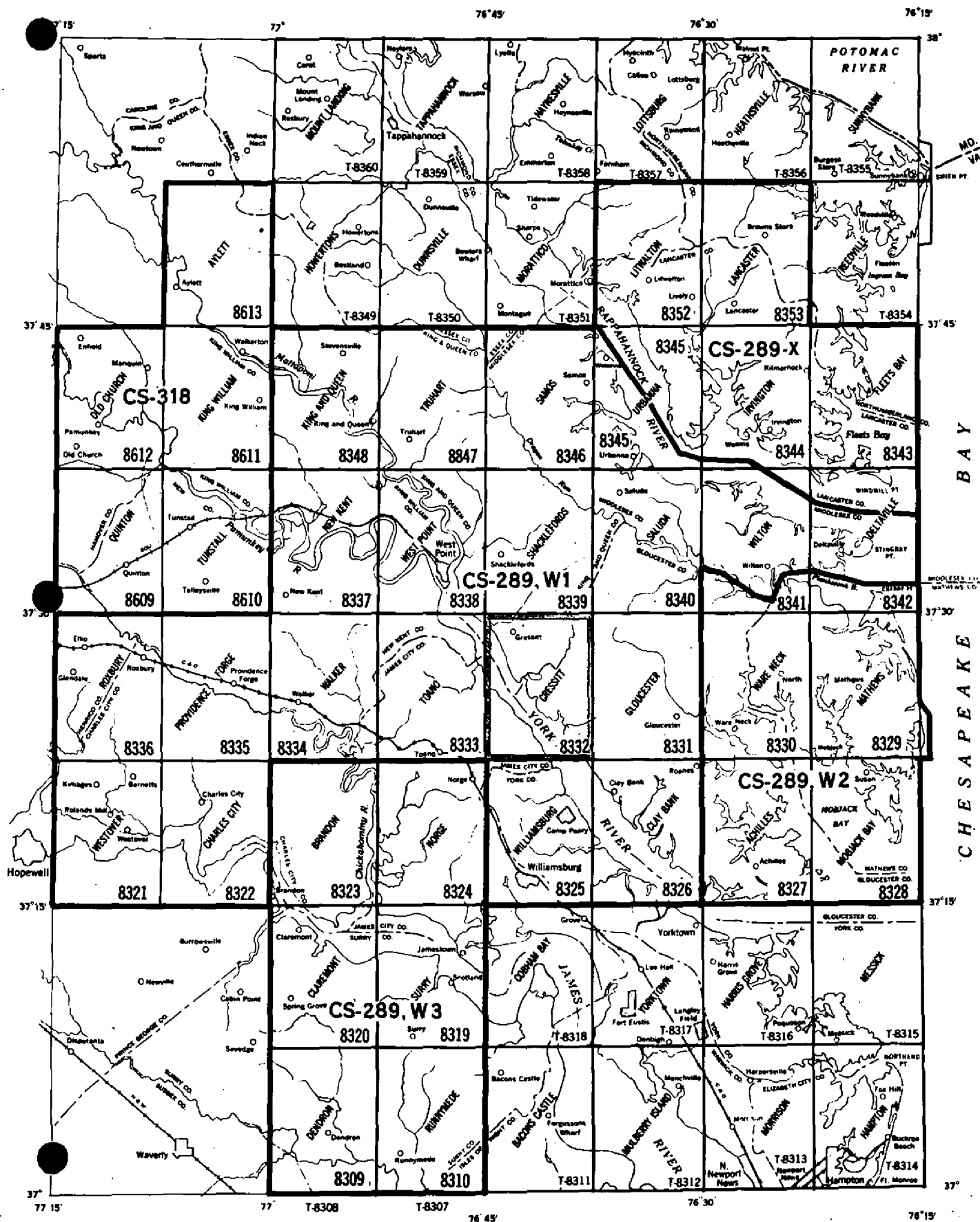
Number of Recoverable Photo Stations established (III):

Number of Temporary Photo Hydro Stations established (III):

Remarks:

TOPOGRAPHIC MAPPING PROJECT CS-289-318 (47)

VIRGINIA, Rappahannock River to James River



Summary T- 8332

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- 8332 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.

Descriptive Report to Accompany

Quadrangle T-8332

Project CS 289 W-1

Virginia

Harland R. Cravat, Chief of Field Party

5. Vertical Control:

Date started11-5-45

Date completed1-1-46

3rd Order Levels 7 linear miles

4th Order Levels36 linear miles

Recovery:

Previous existing vertical control was pricked and recovered early in 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.

Six new 3rd Order Bench Marks were pricked as the leveling progressed.

New Bench Marks

K - 295 - 1945
L - 295 - 1945
D - 297 - 1945
E - 297 - 1945
F - 297 - 1945
G - 297 - 1945

The following photographs were used: No. 12864,
No. 12887, No. 12915.

Methods:

About seven linear miles of new 3rd Order Levels were completed by Messrs. Alfred R. Knaack, Engineering Aid, and Mathew A. Stewart, Engineering Aid, using instruments and methods as prescribed by the Division of Geodesy.

About 36 linear miles of 4th Order Levels were completed by Mr. John R. Smith, Engineering Aid. Elevations were carried by trigonometric methods, with a Berger Theodolite equipped with statia hairs, and Simmons-Adams level rods.

Level information appears on photos in blue ink. The code letters GR prefix all spot elevations. The following system was used to distinguish the closed loops from the loops closed on tidewater:

1. Elevations underscored by a dashed line indicate the loop was closed on tidewater.
2. Elevations underscored by a solid line indicate the loop was closed on a previously determined elevation or a Bench Mark.

No trigonometric level loops were closed in excess of two feet allowable error. The average error of closure was less than one foot.

Submitted with the photos is a layout showing the approximate positions of spot elevations. Also on the fly leaf of each volume is the following information: Loop (spot elevations), Page, Closure, Field notes checked by, Adjustments checked by, Inked on photo No., Copy checked by, and Remarks.

Submitted by,

John R. Smith
Engineering Aid

Approved 1-1-46 by

Harland R. Cravat
Photogrammetric Engineer

MAP T 8332

Page 1
PROJECT NO. C-5-289 W1

SCALE OF MAP 20,000

SCALE FACTOR 1.1

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR χ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION (m) 1'	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)
ANDERSON 2, 1911	P-550 P-550	NA 1927	37-29-22.479 76-44-30.333	693.0 - 1156.7 745.2 - 728.8	1849.7 1474.0	30.829 24.566	346.5 578.3 372.6 364.4
ROANE 2, 1911	P-550	"	37-27-26.746 76-43-21.278	824.6 - 1025.1 522.9 - 951.7	1849.7 1474.6	30.829 24.578	412.3 512.5 261.4 475.9
ROANE 1, 1911	P-549	"	37-27-06.406 76-43-06.656	197.5 - 1652.2 163.6 - 1311.2	1849.7 1474.8	30.829 24.579	98.7 826.1 81.8 655.6
MOUNT FOLLY 2, 1911	P-550	"	37-26-10.140 76-44-16.699	312.6 - 1537.1 410.5 - 1064.4	1849.7 1474.9	30.829 24.584	156.3 768.5 205.2 532.2
HOLT 3 (VFC), 1932	P-552	"	37-26-01.453 76-41-58.045	44.8 - 1804.9 1427.0 - 48.1	1849.7 1475.1	30.829 24.585	22.4 902.4 713.5 24.0
RICHARDSON 3 (VFC), 1932	P-552	"	37-25-35.055 76-43-28.254	1080.7 - 769.0 694.7 - 780.5	1849.7 1475.2	30.829 24.587	540.3 384.5 347.3 390.3
RICHARDSON 2, 1911	P-549	"	37-25-31.642 76-43-25.287	975.5 - 874.2 621.7 - 853.5	1849.7 1475.3	30.829 24.587	487.7 437.1 310.8 426.8
PURTAN 2, 1911	P-549	"	37-25-14.850 76-41-21.518	457.8 - 1391.9 529.1 - 946.2	1849.7 1475.3	30.829 24.589	228.9 696.0 264.5 473.1
MILLS, 1932	P-532	"	37-24-39.550 76-40-14.816	1219.3 - 630.4 364.4 - 1111.2	1849.7 1475.6	30.829 24.592	609.6 315.2 182.2 555.6
MOODY 3 (VFC), 1932	P-551	"	37-24-15.694 76-41-49.501	483.8 - 1365.9 1217.4 - 258.3	1849.7 1475.7	30.829 24.595	241.9 692.9 608.7 129.1
SEIM, 1911	P-549	"	37-23-26.652 76-41-09.294	821.6 - 1028.1 231.1 - 1244.9	1849.7 1476.0	30.829 24.599	410.8 514.0 115.5 622.5
BELL ROCK LIGHTHOUSE, 1911	P-561	"	37-29-01.615 76-48-00.521	498.7 - 1799.9 12.8 - 1461.3	1849.7 1474.1	30.829 24.569	24.9 899.9 6.4 730.6

1 FT. = 3048006 METERS
COMPUTED BY: *[Signature]*
CHECKED BY: *[Signature]*
DATE: 10 Nov 51
DATE: 9 Nov 51

COMPILATION REPORT31. Delineation:

This map was delineated on the Reading Plotter, model A. Photo coverage was complete - field inspection was complete. The photography was taken in the spring of 1948 and was used for instrument delineation, being the latest available. The field inspection was dated 1944 and was the most up-to-date available. It was used as a guide during instrument work but was superseded whenever the newer photos 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 the radial plot report, ~~side heading 23.~~ in *Descriptive Report* T8325
Vertical control for contouring purposes was adequate although additional elevations in special locations would have been useful. 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 report on this work beginning on page 7, ~~and to the level-line diagram, opposite page.~~

33. Supplemental Data:

a. Special Reports: None.

b. Instrument Photography (metal-mounts):

22259, 260, 261, 267, 268, 269, 270, 288, 289, and 290.

c. Field Inspection Photos:

12886, 887, 888, 915, 916, 917, 13145, 13171, and 13172.

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 exist in the area but they were not 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 too well made, requiring the use of more correction curves than normal with better calibrated photos.

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~~ *Two aids to navigation are on this Quad. Submitted to Nautical Charts in Chart Letter 214(52)*38. Control for Future Surveys: None special.39. Junctions:

All junctions are in agreement. Only T-8339 to the north had been mapped previously and this map has been made to match it on the common border with but little difficulty. The three quads on the other three borders were being mapped simultaneously with this quad and those junctions will be made to agree during the normal compilation procedure.

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.

41. Compilation Procedure:

This quad was compiled somewhat differently from the normal procedure. This was done to meet special time requirements. It was compiled on vinylite from instrument work-sheets as usual, but was completed one model at a time on a separate piece of material and released to the color-separation procedure in order not to delay beginning their work as soon as possible. For this reason, any tiny junction-match errors had to be corrected during color separation. Placement of names and contour numbers likewise had to be made during the later procedure. Further, normal compilation office inspection was not performed; in its place a hurried review was made by the Review Section on each model after compilation and before color separation. During this review bench marks and property lines were added, and a general review was performed,

* Field inspection, accomplished in 1951, on single lens photos for Project Ph-75, was applied to the shoreline on the map manuscript prior to field edit.

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 numbered pages, following.

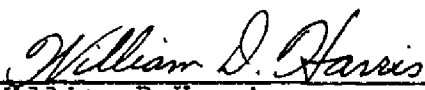
49. Notes for the Hydrographer:

Not applicable.

50. Compilation Office Review:

Not made.

Submitted by:



William D. Harris
Cartographer-Photogrammetric

Approved and Forwarded by:



Louis J. Reed, Chief
Stereoscopic Mapping Section
Photogrammetric Engineer

T-8332

Geographic Names

- ✓ Virginia
- ✓ York River
- ✓ Gloucester County
- ✓ James City County
- ✓ York County
- ✓ King and Queen County

✓ U.S. 17 Tidewater Trail--George Washington Memorial Highway ✓
State No. 607 (~~not 601 as on manuscript, James City County~~)

✓ State No. 14
 (Other roadnumbers shown with names below)

- ✓ Christensons Corner
- ✓ Moodys Old Wharf
- ✓ Taskinas Creek
- ✓ Mt. Folly
- ✓ Sycamore Landing

- ✓ Capahosic
- ✓ Capahosic Road
- ✓ Sandy Creek
- ✓ Cowpen Neck
- ✓ Fox Creek
- ✓ Allmondsville
- ✓ Allmondsville Road State No. 606
- ✓ Barren Point
- ✓ Purtan Bay
- ✓ Pinetta
- ✓ York River Road State No. 614
- ✓ Leigh Creek
- ✓ Purtan Creek
- ✓ Bland Creek
- ✓ Indian Creek
- ✓ Purtan Island
- ✓ Gable Branch
- ✓ Adams Creek
- ✓ Signpine
- ✓ West End
- ✓ Poropotank Bay
- ✓ Morris Bay
- ✓ Poropotank River
- ✓ Roane
- ✓ Guthrie Creek
- ✓ Violet Bank
- ✓ Partridge Landing
- ✓ Tanyard Landing
- ✓ Red Bank Landing
- ✓ Tanyard Road
- ✓ Haywood Landing
- ✓ Miller Landing
- ✓ Woods Mill Swamp

- ✓ Adner
- ✓ Plainview
- ✓ Gressitt Road State 601
- ✓ Meadow Swamp
- ✓ Gressitt
- ✓ Belleview
- ✓ Hockley Creek
- ✓ Bland Pond
- ✓ Gressitt Pond
- ✓ Prospect Sch

Names underlined in red
 are approved. 12-13-51

L. Heck

FIELD EDIT REPORT
Quadrangle T- 8332
Project CS 289 W-1

H. A. Paton, Chief of Party

51. METHODS

All roads and trails were ridden or walked over 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 topographic 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, three 9 lens photographs 1:20,000 scale and three single lens photographs 1:20,000 scale.

52 ADEQUACY OF COMPILATION

The map compilation is adequate, with the exception of a few correction 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 59 points, 91.5 percent of which had an error of one half a contour interval or less, and 8.5 percent an error of from one half to one contour interval.

Accuracy test #2 made near the S.W. corner of the quadrangle tested 44 points, 97 percent of which had an error of one half a contour interval or less, and 3 percent an error of from one half to one contour interval.

54 RECOMMENDATIONS

None.

55 EXAMINATION OF PROOF COPY

Mr. G. F. Milby, Post Master of Plain View, Va., a long time resident, is very familiar with the area covered by this map and is willing to examine a proof copy of it.

The pond in the vicinity of Lat. $37^{\circ}-30'$ Long. $76^{\circ}-43'$ is now known as "Gressitt Mill Pond". The pond was once owned and its mill operated by Mr. Bland. All residents contacted declare that the pond has been known as "Gressitt Mill Pond" for the past 30-40 years.

A list of reliable residents for references is shown with the field edit data. Filed in Geographic Names Branch.

Respectfully submitted by:

Elgan T. Jenkins
Elgan T. Jenkins
Carto. Survey Aid
July 9, 1952

Approved and forwarded
17 July 1952

Hubert A. Paton

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

Vertical Accuracy Test # 1

TOPOGRAPHIC MAPPING

Summary & Abstract of Vertical Accuracy Test

Project No. CS 289 W-1 Quad. No. T-8332 Quad. Name GRESSITT
 Method of Testing Standard Plane Table Profile
 Tested by E.T.J. Date 4-9-52 Evaluated by E.T.J.
 Contour interval 20 ft. 0.6 M.M. allowable shift at 1-20,000
 map or manuscript scale.

59 Total number of points tested

91.5% of points within $\frac{1}{2}$ contour interval or better

54 Test points correct within $\frac{1}{2}$ contour interval

5 Test points in error between $\frac{1}{2}$ and full contour interval

0 Test points in error over full contour interval

Test Elev.	Map Elev.	Error	Error after shift	Remarks	Test Elev.	Map Elev.	Error	Error after shift	Remarks
78	80	2.0	2.0	Con. Corr.	40	48	8.0	0.0	
82	72	10.0	8.0	Con. Corr.	43	35	8.0	2.0	Con. Corr.
63	60	3.0	2.0		60	43	17.0	12.0	Con. Corr.
81	79	2.0	2.0	Con. Corr.	62	60	2.0	0.0	
73	73	0.0	---		72	53	19.0	14.0	Con. Corr.
80	75	5.0	5.0	Con. Added	78	82	4.0	3.0	
60	60	0.0	---		80	82	2.0	1.0	
70	70	0.0	---		84	84	0.0	---	
63	60	3.0	1.0		64	80	16.0	0.0	
69	69	0.0	---		54	60	6.0	3.0	
36	41	5.0	3.0		81	85	4.0	4.0	
47	40	7.0	5.0		75	82	7.0	7.0	
60	60	0.0	---		78	81	3.0	2.0	
72	72	0.0	---		59	60	1.0	0.0	
61	60	1.0	0.0		68	80	12.0	12.0	Con. Corr.
62	60	2.0	0.0		80	83	3.0	3.0	
72	72	0.0	---		92	92	0.0	---	
40	40	0.0	---		90	90	0.0	---	
40	40	0.0	---		83	85	2.0	2.0	
70	70	0.0	---		65	81	16.0	16.0	Con. Corr.
62	59	3.0	0.0		81	82	1.0	1.0	
44	40	4.0	0.0		81	82	1.0	1.0	
65	60	5.0	0.0		70	81	11.0	11.0	Con. Corr.
69	69	0.0	---		64	72	8.0	2.0	
72	72	0.0	---						
68	60	8.0	7.0						
64	60	4.0	3.0						
72	72	0.0	---						
60	60	0.0	---						
34	40	6.0	5.0						
71	71	0.0	---						
58	58	0.0	---						
73	73	0.0	---						
73	73	0.0	---						
52	60	8.0	0.0						

Vertical Accuracy Test # 2

TOPOGRAPHIC MAPPING

Summary & Abstract of Vertical Accuracy Test

Project No. CS289 W-1 Quad. No. T-8332 Quad. Name GRESSITT
 Method of Testing Standard Plane Table Profile
 Tested by E.T.J. Date 6-25-52 Evaluated by E.T.J.
 Contour interval 20 ft. 0.6 M.M. allowable shift at 1-20,000
 map or manuscript scale.

*Recommended That Contour Be Shown For Sake Of Expression.

44 Total number of points tested

97 % of points within $\frac{1}{2}$ contour interval or better

43 Test points correct within $\frac{1}{2}$ contour interval

1 Test points in error between $\frac{1}{2}$ and full contour interval

0 Test points in error over full contour interval

Test Elev.	Map Elev.	Error	Error after shift	Remarks	Test Elev.	Map Elev.	Error	Error after shift	Remarks
96	100	4.0	4.0		81	72	9.0	8.0	Con. Corr.
93	90	3.0	3.0		92	80	12.0	11.0	Con. Corr.
86	85	1.0	1.0		96	100	4.0	3.0	Con. Corr.
80	80	0.0	---		102	102	0.0	---	
79	72	7.0	3.0		113	113	0.0	---	
71	69	2.0	0.0		104	100	4.0	0.0	
57	50	7.0	0.0		112	112	0.0	0.0	
46	36	10.0	6.0		103	103	0.0	---	
39	39	0.0	---		104	104	0.0	---	
63	60	3.0	0.0						
53	41	12.0	5.0						
74	74	0.0	---						
83	80	3.0	2.0						
84	72	12.0	2.0						
98	100	2.0	1.0						
82	78	4.0	2.0						
95	92	3.0	2.0						
80	80	0.0	---						
61	61	0.0	---						
78	82	4.0	0.0						
96	102	6.0	5.0	Con. Corr.					
101	101	0.0	---						
98	100	2.0	1.0						
94	94	0.0	---						
91	91	0.0	---						
94	94	0.0	---						
97	100	3.0	2.0	+					
99	101	2.0	2.0	+					
91	88	3.0	2.0						
81	80	1.0	0.0						
63	60	3.0	0.0						
41	40	1.0	0.0						
30	30	0.0	---						
44	40	4.0	0.0						
51	58	7.0	0.0						

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

NONFLOATING AIDS ORCLES AND MAXES FOR CHARTS

TO BE CHARTED

STRIKE OUT ONE

**TO BE CHANGED
WHEN NECESSARY**

Washington Office Nov. 19, 1952

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

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

S. V Griffith

Chief of Party.

[illegible]

Review Report T-8332
Topographic Map
14 October 1953

61. General Statement.-This map is one of ^{six} ~~four~~ topographic quadrangles that were compiled on the Reading Plotter, given a partial review, smooth drafted and forwarded to the Army Map Service for publication in February 1952. This map was published as a preliminary edition. A final copy of this map manuscript after field edit and review will be forwarded to the Army Map Service so that the preliminary copy can be corrected.

62. Comparison with Registered Topographic Surveys.-

T-686	1:20,000	1857-58
T-722	"	1858
T-686a	"	1911
T-3243	"	"

This map supersedes these surveys for nautical charting purposes.

63. Comparison with Maps of Other Agencies.-

USGS Williamsburg Quad. 1:62,500 1904

Extensive cultural changes have been shown on the map manuscript.

64. Comparison with Contemporary Hydrographic Surveys.-

H-7181 1:10,000 1949

Hydrography was applied to the map manuscript from this survey. No discrepancies were noted.


65. Comparison with Nautical Charts.-

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


A small, sand island, north of Roane Flat Light should be charted.

66. Adequacy of Results.-This map conforms with the National Standards of Map Accuracy. See Item 53 of the Field Edit Report for results of vertical accuracy tests.

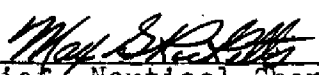
Reviewed by:


C. Theurer

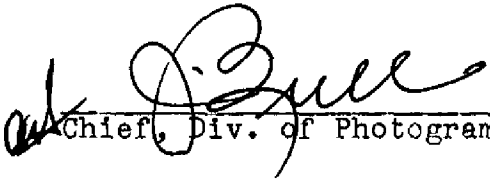
APPROVED



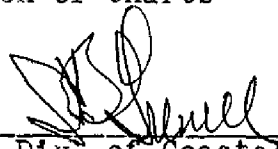
Chief, Review Branch
Div. of Photogrammetry



Chief, Nautical Chart Branch
Division of Charts



Chief, Div. of Photogrammetry



Chief, Div. of Coastal Surveys