8320

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-W3 Office No. T-8320

LOCALITY

State Virginia

General locality James River

Locality Claremont

1952-54

CHIEF OF PARTY

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

LIBRARY & ARCHIVES

DATE November 10, 1959

8-1870-1 (1)

8320

DATA RECORD

F8320

Project No. (II): CS 289 W3 Quadrangle Name (IV): CLAREMONT

Field Office (II): Chief of Party:

Photogrammetric Office (III): Washington, D.C. Officer-in-Charge: Radial Plot = Lester C. Lande
Compilation = Louis J. Reed

Instructions dated (II) (III): Copy filed in Division of Photogrammetry (IV)

Method of Compilation (III): Nine-Lens Plotter

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

Scale Factor (III):

Date received in Washington Office (IV): Date reported to Nautical Chart Branch (IV):

Applied to Chart No. Date: Date registered (IV): 9/8/58

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
XXXXXXXXXX

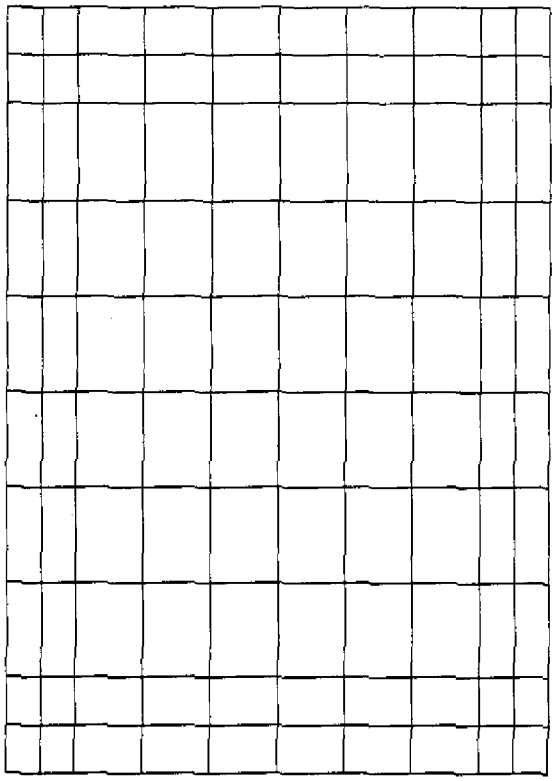
Plane Coordinates (IV): State: Zone:

Y= X=

Universal Transverse Mercator, Zone 18, 1,000 meter interval.
Virginia State Grid South, 10,000 ft 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)
(II) (III)

Entire area compiled on the Reading Plotter, model "A", by:

Clarence E. Misfeldt

DATA RECORD

Field Inspection by (II): Date:

Planetable contouring by (II): Date:

Completion Surveys by (II): Date:

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

The shoreline of this compilation is dated 1952 since it was compiled as it appeared on the 1952 photographs used on the plotting instruments. Tide range is not sufficient to be effective.

Projection and Grids ruled by (IV): Jack Allen on the Reading Ruling Machine Date: 19 Nov 52

Projection and Grids checked by (IV): Howard D. Wolfe Date: 20 Nov 52

Control plotted by (III): Stanley J. Hathorn Date: 25 Nov 52

Control checked by (III): Jeeter P. Batley Date: 30 Nov 52

Radial Plot or Stereoscopic Control extension by (III): Sam G. Blankenbaker Date: 6 Aug 53

Stereoscopic Instrument compilation (III): *Planimetry* Clarence E. Misfeldt Date: 22 Sep 53
Contours Date:

Manuscript delineated by (III): Robert L. Sugden Date: 13 Nov 53

Photogrammetric Office Review by (III): Louis J. Reed Date:

Elevations on Manuscript checked by (III): Louis J. Reed Date:

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

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
36088 thru 36092	27 Mar 52	12:18	20,000	1.2ft above MSL
36099 thru 36103		12:33		

Tide (III)

	Ratio of Ranges	Mean Range	Spring Range
Reference Station:			
Subordinate Station:			
Subordinate Station:			

Washington Office Review by (IV): John M. Neal Date: 8/29/55

Final Drafting by (IV): Date:

Drafting verified for reproduction by (IV): Date:

Proof Edit by (IV): Date:

Land Area (Sq. Statute Miles) (III): sq mi

Shoreline (More than 200 meters to opposite shore) (III): miles

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II): 54

Number of Triangulation Stations searched for (II): X Recovered: X Identified: 80

Number of BMs searched for (II): Recovered: Identified:

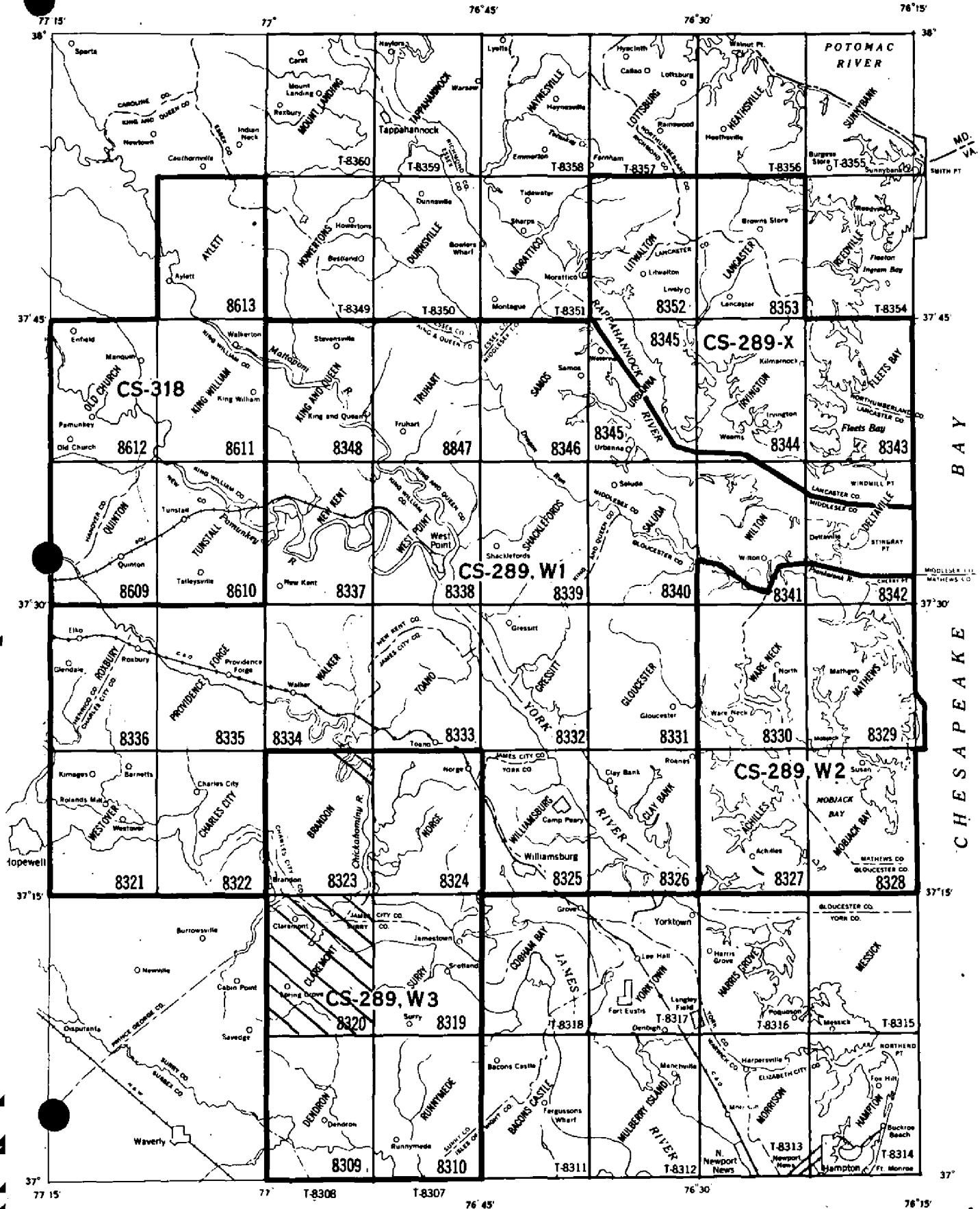
Number of Recoverable Photo Stations established (III): None

Number of Temporary Photo Hydro Stations established (III): None

Remarks:

TOPOGRAPHIC MAPPING PROJECT CS-289-318 (47)

VIRGINIA, Rappahannock River to James River



1. Preface:

FIELD INSPECTION REPORT

T-8320

5. Vertical Control

Date started 2-11-46
Date completed 3-7-46
Linear miles 4th Order Levels 47
Linear miles 3rd Order Levels 7

Recovery

Existing vertical control was recovered and pricked in 1944 by the War Mapping 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.

Photographs

The following nine-lens photographs were used: 13014, 13012, 12981, and 13015.

Methods

3rd Order

About 7 linear miles of 3rd Order Levels were completed by Mr. Mathew A. Stewart, Engineering Aid, using instruments and methods as prescribed by the Division of Geodesy.

Permanent Bench Marks were placed at about one mile intervals along the level line, and supplemental spot elevations between them.

4th Order

About 47 linear miles of 4th Order Levels were completed by John R. Smith, Engineering Aid.

The leveling was accomplished by trigonometric methods. Computations were made to the nearest 1/10 of a foot. The average error of closure was less than one foot, and no level loop was known to exceed the allowable error of closure.

A line in the south center of the Quadrangle, running north and south, could not be traversed. It was grown over to the extent that levels in there would be of little value.

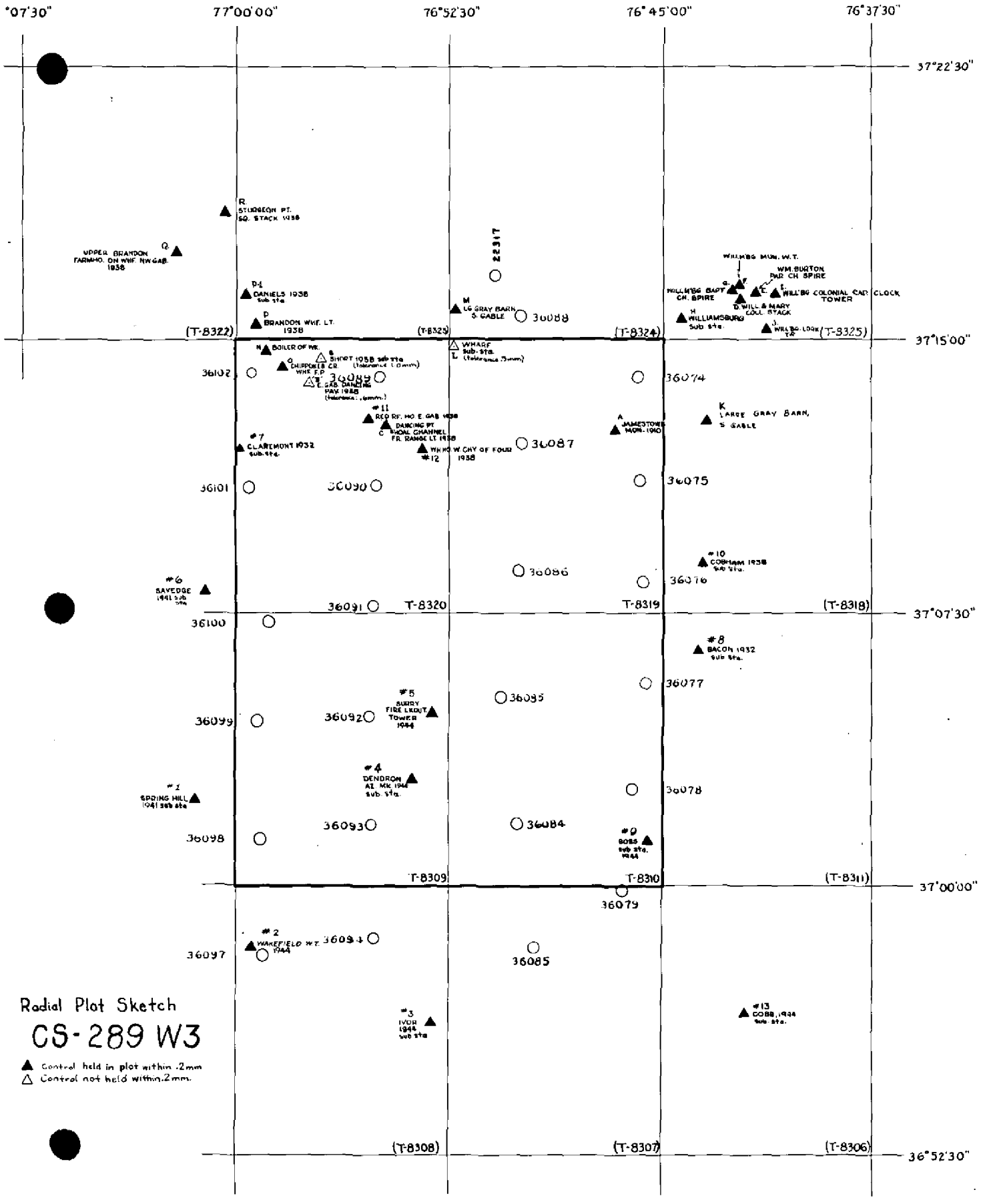
Level information appears on the photographs in blue ink. The code letters CL prefix all spot elevations. The following method was used to distinguish the closed elevations from the unclosed:

1. Elevations circled indicate the loop was not closed on a known elevation.
2. Elevations underscored by a dashed line indicate the loop was closed on tidewater and no adjustment made.
3. Elevations underscored by a solid line indicate the loop was closed on a previously determined elevation or an existing Bench Mark.

Submitted with the photographs is a layout sheet showing the approximate positions of the spot elevations. Also, on the front page of the level Volume is the following information: Loop, Page, Closure, Notes checked by, Photo Number.

Respectfully submitted,

/s/ John R. Smith
Engineering Aid



Radial Plot Sketch

CS-289 W3

▲ Control held in plot within .2mm
△ Control not held within .2mm.

RADIAL PLOT REPORT

21-30: The radial plot report covering the area of this quadrangle is to be found in the descriptive report for T-8319. A single plot and report was made for T-8319, T-8320, T-8309, and T-8310.

* Used in Radial Plot
** Used in plot (falls outside plot limits)

Photogrammetry

MAP T-8320 PROJECT NO. CS 289 W3 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	Description Book No. N.A. 1927 - DATUM Page	DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
RED ROOFED HOUSE, CHY. ON RIDGE POLE, 1938	Vol. 316	N.A. 1927	37 14 02.958 76 57 53.404		327 pgs. 1, 19, 39	91.2 1316.4	
" "	Zone 2 81	"	331,604.79 2,446,907.75	Plane Coordinates			
CHIPPOKES CREEK WHARF FLAGPOLE * 1938	Vol. 321	"	37 14 24.175 76 58 30.160		327 1,19,39	745.3 743.4	
" "	Zone 2 83		333,702.12 2,443,901.06	Plane Coordinates			
SHORT, 1938	Vol.1 313		37 14 29.338 76 46 52.174		327 pgs. 1, 21	904.4 1286.0	
" "	Zone 2 80		334,353.34 2,451,814.80	Plane Coordinates			
* SHORT 1938 Sub. Sta.	Form M-2226-12		37 14 76 56			919.6 1301.6	
BOILER OF WRECK, 1938	Vol.1 321		37 14 48.113 76 58 46.951		327 Pg. 2, 19, 40	1483.2 1157.2	
BRANDON WHARF LT. 1938 ** (N. of 8320)	Vol.1 323		37 15 24.577 76 59 17.255		327 2,19,40	757.7 425.2	
DANIELS, 1938 (N of Plot	Vol.1 317		37 16 18.102 76 59 39.041		327 2,20,40	558.0 961.9	
DANIELS, 1938 Sub.Sta. **			Position transferred from T-8323.				
STURGEON PT.SQ. BRICK STACK 1938	Vol.1 322		37 18 26.266 77 00 20.958		327 3,21,40	809.7 516.1	

1 FT. = .3048006 METER

COMPUTED BY: DATE CHECKED BY: DATE

M-2388-12

Page 11

* Used in Radial plot
** Used in plot (falls outside limits)

Photogrammetry

MAP T-8320 PROJECT NO. CS 289 W3 SCALE OF MAP 1:20,000 SCALE FACTOR 1.00

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	Description Book Nos. DATUM CORRECTION	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)
CLAREMONT 1932	Vol.1 27	N.A. 1927	37 11 58.812 76 59 43.750		327 pg. 1	1813.0 1078.9	✓
CLAREMONT * 1932 Sub.Sta.			37 11 76 59			1658.2 1394.6	X
RED ROOFED HOUSE, E. GAB. 1938 *	Vol.1 315		37 12 49.036 76 55 26.679		326 17.24	1511.7 657.8	✓
DANCING PT. SHOAL CHANNEL FRONT RANGE L. 1938	Vol.1 312		37 12 43.272 76 54 56.770		326 17	1334.0 1399.8	✓
RANGE 1910	Vol.1 313				326 17.26.29		✓
UTILITY 1938	Vol.1 314				326 17.26.29		
WHITE HOUSE W. CHY. OF FOUR 1938	*Vol.1 315		37 11 54.161 76 53 34.619		326 17. 27	1669.6 853.8	X
SAVEDGE 1941 (W. of T-8320)	Vol.1 434		37 08 01.660 77 01 10.407		754 5. 8	51.17 256.9	W of T 8320
** SAVEDGE 1941 Sub.Sta. (W of T-8320)			293,969.66 2,431,065.74				X
GREEN ROOFED HOUSE N.CHY 1938	Vol.1 315		37 15 05.146 76 53 50.021		326 17.25	158.6 1232.7	N of T 8320
WAKEFIELD 1938	Vol.1 313				326 17.26.30		✓
DANCING PAVILLION E. GABLE	Vol.1 326		37 13 51.850 76 57 15.949		326 18	1598.4 393.2	X

US FT. = .3048006 METER

COMPUTED BY: DATE CHECKED BY: DATE

M-2388-12

* Used in radial plot
** Used in plot (falls outside)

Photogrammetry

MAP T-8320 PROJECT NO CS-289 W3 SCALE OF MAP 1:20,000 SCALE FACTOR 1.0

STATION **	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	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)
UPPER BRANDON FARMHO.ON WHF. N.W.GAB. 1938	Vol.1 322	N.A. 1927	37 17 18.713 77 02 04.604		327 4.21.39	576.9 113.4	T 8322
SAND, 1938	313	"	37 14 15.266 76 56 26.372			470.6 650.0	✓
DANCING POINT (USE), 1938	313	"	37 13 59.331 76 55 02.370			1829.1 58.4	✓
STEM OF WRECK 1938	316	"	37 14 01.115 76 55 59.634			34.4 1470.0	
HORSE, 1938	312	"	37 14 42.615 76 53 52.593			1313.7 1296.2	
SANDY POINT (USE), 1938	316	"	37 14 14.825 76 56 23.889			457.0 588.8	
SLOOP (USED) 1932	56	"	37 13 50.439 76 57 00.111			1554.9 2.7	

Page 17

1 FT. = .3048006 METER

M-2388-12

COMPUTED BY: DATE CHECKED BY: DATE

COMPILATION REPORT

31. Delineation:

The contouring and delineation of cultural features was accomplished simultaneously on the Reading Plotter, model "A". Photo coverage was complete. Field inspection was also complete but it was out-of-date since it was done in 1944 on 1942 photographs. For this reason the field inspection was used during instrument delineation for a guide only; Ground features had changed noticably on the 1952 instrument photographs and it was drawn as judged correct by the operator. With this in mind the field editor should apply more than usual attention to compiled details. The entire land area of this quad has been compiled.

32. Control:

Horizontal control was adequate as stated in the Radial Plot Report, page 10, Descriptive Report for T-8319.

Vertical control for contouring purposes was not entirely satisfactory, but usable. Level lines had been run along nearly all the roads in the area, with spur lines extended into in-accessible areas within the road network. The spacing of points of elevation along the roads was adequate but more side shots into the inaccessible areas would have been helpful toward a more satisfactory solution. The overlay calls attention to one field elevation to be investigated.

33. Supplemental Data:

a. Special Reports: None.

b. Field Inspection Photos: 12980, 81, 82, 13012, 13, 14, 15.

c. Shoreline Surveys: T-8038

34. Contours and Drainage:

An error in lens-setting existed when the instrument photographs were transformed. This produced fuzzy center chambers which resulted in rectified prints that were just usable. For this reason the quality of the photography was not very satisfactory for contouring purposes.

35. Shoreline and Alongshore Details:

Shoreline inspection was inadequate and the shoreline was delineated as it appeared on the instrument photographs. No low-water or shoal lines were compiled.

36. Offshore Details: Not applicable.

37. Landmarks and Aids:

No landmarks were recommended by the field inspector but four are noted on the shoreline survey T-8078 covering the same shoreline area. The four have been shown as landmarks on this compilation, as follows:

~~△ DANCING PT SHOAL CHANNEL FRONT RANGE LT, 1938~~
~~△ DANCING PT SHOAL CHANNEL REAR RANGE LT, 1942~~
△ RED ROOFED HOUSE E GABLE, 1938
○ Institute Ruins, 1942 ← not plotted
△ West Chimney of Four 1938

Aids consist of three lights:

△ BRANDON WRECK LT?, 1938
△ DANCING PT SHOAL CHANNEL FRONT RANGE LT, 1938
◎ DANCING PT SHOAL CHANNEL REAR RANGE LT, 1942

38. Control for Future Surveys: None.

39. Junctions:

All junctions are in agreement except on the west border where no survey exists. The adjoining sheets are T-8323 on the north, T-8319 on the east, and T-8309 on the south.

40. Horizontal and Vertical Accuracy:

This compilation is believed to meet the National Map Accuracy Standards for a 1:20,000 scale mapwith 20ft contours.

46. Comparison with Existing Maps:

SURRY QUADRANGLE, Virginia, 1:62,500, 1919 edition.

47. Comparison with Nautical Charts:

JAMES RIVER; JAMESTOWN ISLAND TO JORDON POINT, No.530, 1:40,000, 5th edition, Sept 1940, last corrected 23 Jul 51.

48. Geographic Name List: See page 16.

49. Notes for the Hydrographer: Not applicable.

50. Compilation Office Review: See page 17.

Submitted by:

Orvis N Dalbey
Orvis N. Dalbey, Chief,
Nine-Lens Plotter Section

Approved by:

Louis H Reed

GEOGRAPHIC NAMES

Survey No.

T-8320

Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K	
BRANDON GUT BURDICKS WHARF	→ Deleted by Field Edit									1
CABIN POINT ROAD CHARLES CITY COUNTY										2
CHICKAHOMINY RIVER CHIPPOKES POINT										3
CLAREMONT ROAD CLAREMONT										4
CLAREMONT WHARF COURTHOUSE ROAD										5
CYPRESS SWAMP DURING POINT										6
DANCING POINT EASTOVER										7
FLORENCE CHURCH FLORENCE ROAD	→ SWANN per Field Edit									8
GRAYS CREEK JAMES RIVER										9
JAMES CITY COUNTY MERCY SEAT CHURCH										10
PRINCE GEORGES COUNTY OLD SURRY ROAD										11
RIVER ROAD SANDY POINT										12
SUNKEN MARSH CREEK TELLURIDE SCHOOL										13
TETTINGTON SPRING GROVE										14
SPRING GROVE ROAD SPRING GROVE SWAMP										15
SPRING RUN SURRY COUNTY										16
TOMAHUND CREEK UPPER CHIPPOKES CREEK										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27

17

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REVIEW SECTION

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED
~~TO BE DELETED~~
STRIKE OUT ONE

Spring Grove, Va. 18 January, 1954

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

The positions given have been checked after listing by J. Steinberg

E. H. Kirsch *Chief of Party.*

STATE Virginia

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				43.272		56.770	N.A.	~~T-8320~~					
LT	DANCING POINT SHOAL CHANNEL RANGE FRONT LT. 1938	✓	37 12	1334.0	76 54	1399.8	1927	TRI	1938				530
				41.4		20.9							
LT	DANCING POINT SHOAL CHANNEL RANGE REAR LT. 1942	✓	37 12	1276	76 55	515	"	TOPO	1942				"
				48.971		46.091		TRI					
LT	BRANDON WRECK LT., 1954	✓	37 14	1509.7	76 58	1136.0	"	T-8320	1954				"

Form 567
April 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

~~NONFLOATING AIDS OR~~ LANDMARKS FOR CHARTS

TO BE CHARTED / ~~TO BE DELETED~~ } STRIKE OUT ONE

Spring Grove, Va ~~18 January~~, 19 42

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

The positions given have been checked after listing by J. Steinberg

E. H. Kirsch, *Chief of Party.*

STATE Virginia

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
W. CHY. OF FOUR)	WHITE HOUSE, WEST CHIMNEY OF FOUR, 1938	✓	37 11	54.161 1669.6	76 53	34.619 853.8	N.A. 1927	T-8320 TRI	1938				530
HOUSE E. GAB.)	EAST GABLE OF A RED ROOFED WOODEN HOUSE (RED ROOFED HOUSE E. GABLE, 1938)	✓	37 12	49.036 1511.7	76 55	26.679 657.8	"	"	"				"
HIMNEY	W. CHY. OF 2 ON A LARGE TWO STORY BRICK HOUSE	✓	37 11		76 58		"	TOPO	1953				"

This [illegible] Manual pages 800 to 804. Positions of charted [illegible]

FIELD EDIT REPORT
Quadrangle T-8320 (Claremont)
Project CS 289 W-3
E. H. Kirsch, Chief of Party

51. METHODS-- This quadrangle was inspected by riding over all roads to check their classification, to classify buildings, to examine questioned areas and to visually check all mapped features and contours. All trails shown were checked by walking over them or by utlizing local information as to the trails use and importance. The vertical accuracy testing was made on a double weight matte print that was used as a field edit sheet, using standard plane table methods. The shoreline, along shore and offshore features were checked from a skiff.

All additions, corrections and deletions were made on the field edit sheet or cross referenced to the photographs. Red ink was used for additions and corrections, green for deletions and violet for the vertical accuracy test points.

Field edit information is shown on four nine lens 1:20, 000 scale photographs numbered 36089, 36090, 36101 and 36102, one discrepancy print, one shoreline survey sheet T-8078 - and one and one half double weight prints cut into six sections and numbered 1, 1a, 2, 3, 3a and 4. Sections 1a and 3a were used only as a junction sheet.

52. ADEQUACY OF COMPILATION-- The map compilation is near adequate and will be complete with the application of the field edit data.

53. MAP ACCURACY-- The horizontal positions of the mapped features appear to be good. Plane table traverses in several areas checked well with all features shown.

Twenty nine points, whose elevation had been interpolated by the Reviewer, were checked. The average error found was three and one tenth feet, with the greatest error being seven feet.

54. RECOMMENDATIONS-- None offered.

55. EXAMINATION OF PROOF COPY-- No one was requested to examine a proof copy of this map.

The name Eastover is misplaced and has been changed to the correct position on the field edit sheet.

55. Cont'd.

Telluride School was a small private scool, near Claremont, that has been closed for the past thirty years. The building is now a private home and the deletion of the name from the map is recommended.

The creek, at the east edge of section # 1, is known as Sunken Meadow, not Sunken Marsh.

Respectfully submitted,
1/18/54

Elgan T. Jenkins
Elgan T. Jenkins
Cartographer

Approved and forwarded

E. H. Kirsch.
E. H. Kirsch, Chief of Party

61. General Statement:

See Summary, Page 20, of Descriptive Report, covering T-8323-24. T-8320 is one of the 6 standard 7.5-minute quadrangles of Project CS-289-W-3 described in the reference summary.

62. Comparison with Registered Topographic Surveys:

T-1391a) 1391b)	1:20,000	1874-75
8078	1:10,000	1941-42
7075a) 7075b)	"	1948

T-8320 supersedes all the above surveys for nautical chart construction or maintenance use.

The alongshore detail on T-8078 was field edited in 1954. Objects mapped on T-8078 that were not visible above MLW in 1954 do not appear on T-8320.

63. Comparison with Maps of Other Agencies:

USGS SURRY, Va.	1:62,500	1919

No extensive differences were noted.

64. Comparison with Contemporary Hydrographic Surveys:

No contemporary hydrographic surveys exist; however, comparison was made during application of Hydrography with the following surveys:

H-7021	1:10,000	1944
7642	"	1948
7610	"	1948

No extensive conflicts with T-8320 were noted but it should be noted that no attempt has been made to re-locate the numerous fish traps that apparently were located in detail on the hydrographic surveys. Many of these temporary obstructions no doubt have been moved since 1944-1948. A few of the more substantial Duck Blinds were located by the Field Editor by intersection methods and appear on T-8320. These obstructions are not visible on the photographs.

65. Comparison with Nautical Charts:

530 1:40,000 5th Edition 1940 (last correction date 5/23/49)

No significant differences noted except one wreck off Dancing Point and another off Sloop Point were not found by the Field Editor. All fixed aids locations were verified by this survey.

66. Adequacy of Results:

See Field Edit Report for results of accuracy test. This map meets requirements of the National Standards of Map Accuracy.

67. Junctions:

This map junctions with contemporary surveys to North, East and South. Junction to West was made with AMS 7.5-minute quadrangle SAVEDGE, 1:25,000, 1949. The contours between lat. 37-12 and 37-13.6 could not be junctioned without exceeding map accuracy tolerances. Contours on T-8320 in this section were mapped in the field by the Field Editor. The correctly mapped contours are shown "overedge" on T-8320 manuscript to a junction with those on the AMS quadrangle.

Reviewed by:

John M. Neal

John M. Neal

APPROVED:

L C Lundy
Chief, Review Section
Photogrammetry Division

Mark Stickelberg
Chief, Nautical Chart Branch
Charts Division

Lill Swanson
Chief, Photogrammetry Division
3 Nov. 59

Chief, Coastal Surveys Division

See report T 8319 for application of hydrography.

NAUTICAL CHARTS BRANCH

SURVEY NO. T-8320

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
6-29-64	530	R.K. DeLaunde	~~Before~~ After Verification and Review Part appd.
			Exam for cit. corrections only.
1-30-70	530	HB Hurd	~~Before~~ After Verification and Review
			considered fully appd.
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

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.