

8247

Original

8247

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photographic Topographic

Field No. _____ Office No. T-8247

LOCALITY

State Maryland

General locality Charles County
Prince Georges County

Locality Cheltenham

Brandywine

194 4

CHIEF OF PARTY
Fred. L. Peacock
Fred. L. Peacock

LIBRARY & ARCHIVES

DATE June 24, 1946

DATA RECORD

T- 8247

Quadrangle (II): 7½ minute

Project No. (II): CS 288 C

Field Office:

Chief of Party: Ray L. Schoppé

WAR MAPPING FIELD PARTY NO. 2

Compilation Office:

Chief of Party: Fred. L. Peacock

Baltimore, Md.

Instructions dated (II III):

Copy filed in Descriptive
Report No. T- (VI)

Aug. 3, 1942 and May 13, 1943

Completed survey received in office: 4/28/44

Reported to Nautical Chart Section: 4/29/44

Reviewed: 5/27/44 Applied to chart No. Date:

Redrafting Completed: 6/30/44

Registered: 5/46 Published: 1944

Compilation Scale: 1:20,000 Published Scale: 1:31,680

Scale Factor (III): None

Geographic Datum (III): N. A. 1927 Datum Plane (III): Mean Sea Level

Reference Station (III): CHELTENHAM, 1943

Lat.: 38° 44' 16.564" (510.8) Long.: 76° 49' 50.984" (1231.4) Adjusted
~~Unadjusted~~State Plane Coordinates (VI): *Maryland Single Zone**Plane coordinates for Reference Station not available.*
X = ~~870,000 FT.~~ Y = ~~290,000 FT.~~

Military Grid Zone (VI) "A" + "B"

PHOTOGRAPHS (III)

	<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
Nine Lens	13229 to 13232 Inc.	1/12/43	12:17 P.M.	1:20,000	There are no tidal waters within the limits of this Map Manuscript
	13237 to 13239 Inc.	"	12:25 P.M.	"	
	13250	"	12:59 P.M.	"	
	13270 to 13273 Inc.	"	2:00 P.M.	"	
Single Lens	AHV 2-29 to 2-31	5/1/38	Unknown	1:20,000	
	AHV 2-33 to 2-35	"	"	"	
	AHV 1-89 to 1-91	4/11/38	"	"	
	AHV 30-13 to 30-16	8/28/37	"	"	
	AHV 3-01 to 3-03	5/1/38	"	"	
	AHV 4-40	6/23/37	"	"	
	AHV 32-9 to 32-14	9/8/37	"	"	
AHU 4-26 to 4-27	6/23/37	"	"		

Tide from (III): None

Mean Range: None

Spring Range: None

Camera: (Kind or source) U. S. Coast & Geodetic Survey 9 lens camera
(Focal length 8 $\frac{1}{4}$ ")

Contouring and
Field Inspection by: R. E. Houtrouw, Jr. Topo. Engr. date: Sept. 1943-
Jan. 1944

Field Edit by: date:

Date of Mean High-Water Line Location (III): None

Projection and Grids ruled by (III) PJH-BRC date: 12/13/43

" " " checked by: BRC-DHB date: 12/15/43

Control plotted by: A. C. Rauck, Jr. date: 1/5/44

Control checked by: Wm. H. Van Loon date: 1/6/44

Radial Plot by: J. Edward Deal, Jr. & Joseph Steinberg date: 2/22/44

Detailed by: John P. Kubasco date: 3/2 to
4/27/44

Reviewed in compilation office by: Henry P. Eichert date: 4/22 to
4/27/44

Elevations on field photos checked by: C. B. Taylor, Jr.
Jr. Topo. Engr. Oct. 1943

Elevations on Field Edit Sheet
checked by: *M. V. Parker* date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 58

Shoreline (More than 200 meters to opposite shore): None

Shoreline (Less than 200 meters to opposite shore): None

Number of Recoverable Topographic Stations established: 16
(1 Recoverable topographic Station, 12 Bench Marks, and 3 Azimuth Reference
Monument)
Number of Temporary Hydrographic Stations located by radial
plot:

Leveling (to control contours) - miles: 86.2

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. 2880, 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-8247

1. Description of the Area:

The area contained in quadrangle T-8247 lies in Prince Georges and Charles counties, Maryland. It is generally farmed with fields lying along the ridges and wooded areas mostly in the creek bottoms. Through the center of this quadrangle, running north and south, is a ridge that divides the watersheds of the Patuxent and Potomac Rivers.

South and East of the town of Brandywine is the Cedarville State Forest - an experimental tract of pine trees. The land in here is generally flat and several drainage systems have their source here.

The whole area is fairly well served by roads. The Pennsylvania R.R. and the Navy operated Cedar Point R.R. are in this area.

2. Completeness of Field Inspection:

All buildings, roads, railroads, woods and streams have been classified and clarified. Where shadows and trees obscured objects and roads, their location was established and indicated with red ink. Buildings not clarified or classified are to be omitted on the map manuscript and all those of importance have been indicated.

Cemeteries are shown with the ^{pre scribed} ~~prescribed~~ symbol. Where they were too small to show the boundaries, just a cross was used and it is left to the compilation office to include or omit them. The fact that the cemetery is small should not make it less important as a land mark. It has been noted in the field that small family grave yards of several graves have not been disturbed, while every thing else of that period is gone.

3. Intepretation of the Photographs:

Generally speaking, the darker tones indicate heavy pine growth. The lighter tones are deciduous growth. In almost every case, the pine will be found on high ground and the deciduous in the bottoms with a mixture vary on the elevations in between. Exceptions are found in the Cedarville State Forest where pine was planted and in abandoned fields, which usually grow in thick pine.

4. Horizontal Control:

All U. S. Coast & Geodetic Survey, triangulation stations in this quadrangle and a number of U. S. Geological Survey Traverse stations were recovered by Wendell Bever, Jr. Topo. Engr. and shown on photographs: 13250, 13238, 13239 and 13272.

A new tank has been recently built close by the Cheltenham Reform School Tank, 1943. The new tank is built of steel and is considerably larger and higher than the old wooden tank. It has been re-covered on photograph 13238 and pricking card is being submitted.

It is requested that this tank be radially cut in by the Compilation office with the Geographic Position noted on Form 524, which is being submitted along with this report.

5. Vertical Control:

Using U.S.C. & G. S. and U.S.G.S. bench marks for control, a net work of fly levels were run throughout the quadrangle using road intersections and fence lines and corners for fixing positions of elevations taken. The levels were run with a maximum error of 0.50 of a foot. The majority of the lines closed well under this limit. All lines with an error of 0.10 of a foot or more were adjusted. An ordinary builders wye level was used in running the levels. The majority of supplemental leveling in this quadrangle was done by Charles B. Taylor Jr. - Jr. Topo. Engr. and the remainder by Philip A. McAdam, Jr. Photo Aid. 77.4 miles ran by Taylor and 8.8 miles by McAdam. Photographs: 13250, 13238, 13237 and 13271.

The U.S.C.&G.S. and U.S.G.S. bench marks in this quadrangle were recovered by Emory Bancroft, Jr. Topo. Engr. and shown on photographs: 13250, 13238 and 13239.

6. Contours and Drainage.

Contouring was started Sept. 13, 1943 and completed Jan. 26, 1944. Contouring in this quadrangle was done by three different topographers: Ralph E. Houtrouw, Jr. Topo. Engr., Earl R. Loudon, Jr. Photo. Aid, and Leonard W. Gabris, Jr. Topo. Engr. A diagram showing the division of work and the name in charge on the contouring in each section is shown on the back of page 1 of the Data Record.

Contours were located on photographs by various methods, depending on the conditions encountered. Most contours were sketched in the field from planetable control. In a few cases, contours were sketched on single lens photographs using hand level and pacing then later transferred to nine lens photographs. A few single lens photographs were used for contouring where there was not sufficient nine lens coverage. In large wooded areas where plane table work was impractical, the hand level and pacing method for sketching the contours was found to be very accurate and convenient. In small brushy, wooded areas, just a hand level line was run and contours were sketched from the notes. The following photographs were used for contouring in this quadrangle: 13237, 13238, 13239, 13250, 13270, 13271 and 13272. Single lens photographs: AHV - 4 - 29, AHV-4-37, AHV-4-39, AHV1-92, AHV-1-93 and AHV-2-32.

Drainage located by the Washington office was checked in the field and used. This drainage comprised most of the major drainage and was found to be quite complete and accurate. Additional drainage was added by the topographer by using the stereoscope and plane-table. All drainage is shown in blue ink.

7. Mean High Water Line:

Inapplicable to this quadrangle.

8. Low Water Line.

Inapplicable to this quadrangle.

9. Wharves and Shoreline Structures.

Inapplicable to this quadrangle.

10. Details Offshore from High Water Line.

Inapplicable to this quadrangle.

11. Landmarks and Aids to Navigation.

Inapplicable to this quadrangle.

12. Hydrographic Control.

Inapplicable to this quadrangle.

13. Landing Fields and Aeronautical Aid:

None noted in the course of work on this quadrangle, with the exception of the Naval Radio Station in the north west part of this quadrangle, which would probably serve as an aeronautical aid.

14. Road Classification:

Roads were classified according to the instructions. Those roads seen on the photographs in field but not classified are simply tracks made by vehicles in planting and harvesting crops and are plowed up or changed each season. These should not be included in the final map compilation.

15. Bridges.

Bridges were classified according to instructions by C.C.Fryer, Jr. Topo. Engr. and shown on photographs: 13237 and 13238.

16. Buildings and Structures.

Buildings are largely farm houses and tobacco barns. No large or unusual buildings are to be found except in the North portion of the quadrangle. Here are the U.S. Coast and Geodetic Survey, Magnetic Observatory, the Cheltenham School for Boys, (colored reform school) and the Naval Radio Station.

17. Boundary Monuments and Lines.

Boundary monuments and lines were done by C.C.Fryer, Jr. Topo. Engr. and are shown on photographs: 13237, 13238 and 13239.

18. Geographic Names.

Subject of special report to be submitted at a later date. ~~LA~~

19. Junctions:

A good junction was made with quadrangles T-8253 to the north and T-8246 on the west. The junction with U.S.Geological Survey, Prince Frederick quadrangle, revised edition, 1938, is fair with only minor differences in insolated instances. No junction was made to the south with quadrangle T-8240 as no work has been done on it at the date of this survey.

20. Agreement with Previous Work:

The 1904 edition, of U.S.Geological Survey is in very poor agreement with this survey with regards to contours, drainage, buildings and roads.

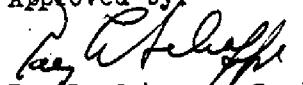
48. Accuracy Tests:

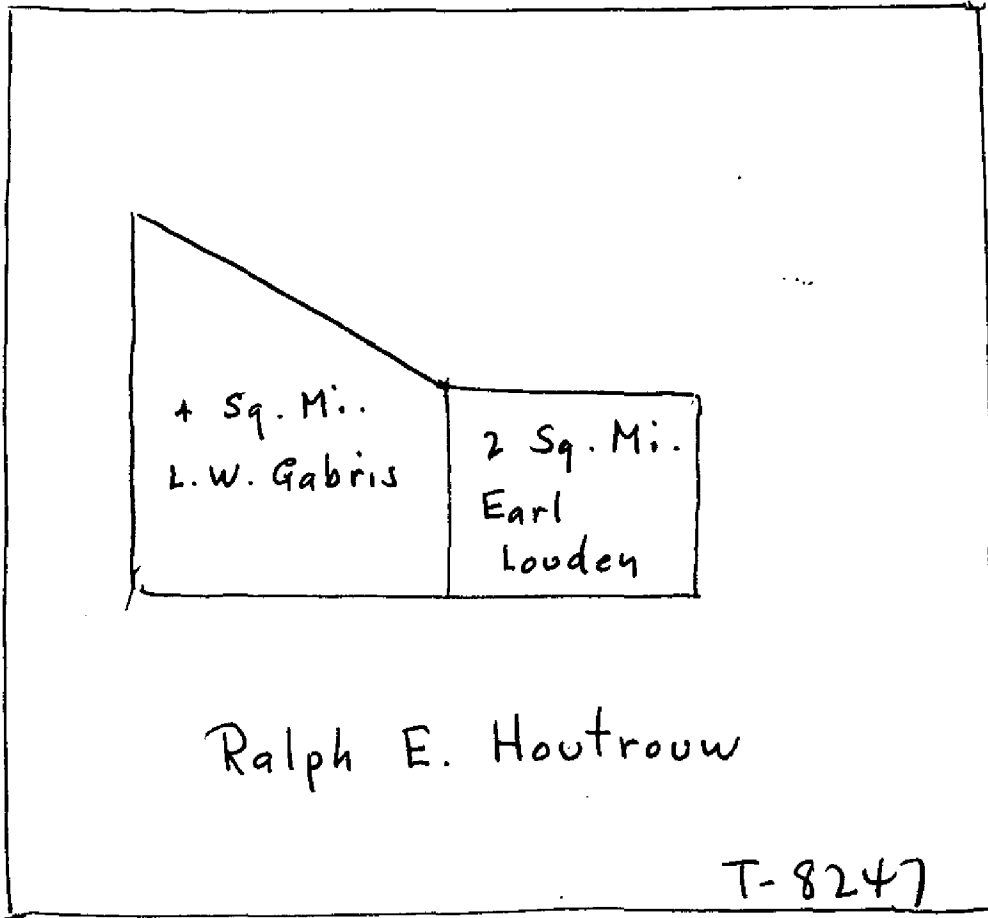
Refer to quadrangle T-8253 for vertical accuracy test. Horizontal accuracy test, subject of special report.

Submitted by:

Ralph E. Houtrouw,
Jr. Topo. Engr.

Approved by:


Ray L. Schoppe, Comdr.
Chief of Party.



POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY



26 CONTROL:

The Field Inspection Party recovered and identified on the nine lens field inspection photographs the following triangulation stations which fall within the limits of this Map Manuscript:

CHELTENHAM REFORM SCHOOL TANK, 1943
CHELTENHAM, 1943
OBSERVATORY, 1943
CHELTENHAM U. S. NAVAL RADIO STATION WEST TANK, 1943
BRANDYWINE STATE FOREST LOOKOUT TOWER, 1943
CEDARVILLE STATE FOREST HEADQUARTERS RADIO MAST, 1943
SCHWIEN, 1943

In addition, the Field Inspection Party recovered and identified on the nine lens field photographs the following horizontal control stations which fall just outside the limits of this Map Manuscript:

NAYLOR, 1943
WALDORF STATE POLICE RADIO MAST, 1941
MUDD, 1943
WO 16, 1943 (U.S.G.S.)
TRAVERSE STATION 24 (U.S.G.S.)
TRAVERSE STATION 100 (U.S.G.S.)

In order to assure a more satisfactory use of horizontal control stations at the Compilation Office, the Field Inspection Party established field inspection points at well identified points near the following triangulation stations:

CHELTENHAM, 1943
OBSERVATORY, 1943
SCHWIEN, 1943
NAYLOR, 1943
MUDD, 1943

All of the horizontal control stations mentioned were used to establish photograph centers, secondary control and detail points.

27 RADIAL PLOT:

The radial plot for this Map Manuscript is part of the Main Radial Plot No. 2 of Project C.S. 288, the descriptive report for which was submitted to the Washington Office on March 24, 1944.

Errors in detailing of streams + contours were noted at 38-40-1075m and at 38-41-339m. These were due to an insufficient number of detailing points. New points were cut in by the Reviewer + the areas redetailed. It is now believed that T8247 complied with the National Map Accuracy Requirements. M.V.P. 5/27/44

28 DETAILING:

The field inspection data furnished the Compilation Office for this Map Manuscript was, in general, satisfactory and complete. The major portion of the detailing was accomplished from the center chambers of the nine lens office photographs. Where poor definition was encountered on these photographs detailing was accomplished from single lens photographs made in 1937 and 1938 after a thorough examination was made and it was determined that no change had taken place in the planimetry since the single lens photographs had been made. These single lens photographs also proved very useful in hilly areas.

Drainage and limits of swamp areas were verified by stereoscopic examination of the office photographs. All drainage less than 20 meters in width has been shown with a single blue acid ink line.

Tree areas are shown enclosed with a symbol made with green acid ink and classified according to instructions.

- "A" -- to designate trees 10 ft. or more in height
- "B" -- to designate sizable brush areas
- "C" -- to designate areas of scattered brush and / or trees.

Buildings have been detailed according to field inspection data. Bridges and roads have been classified according to field inspection data.

29 SUPPLEMENTAL DATA:

There have been no previous surveys made by the U. S. Coast & Geodetic Survey covering the area of this Map Manuscript.

The Compilation Office was furnished a black and white print of "Cedarville State Forest," Scale 1:62,500

PARAGRAPHS 30 to 34 are not applicable to this Map Manuscript.

35 HYDROGRAPHIC CONTROL:

One recoverable topographic station namely, CHELTENHAM REFORM SCHOOL TANK, No. 2, 1944, has been radially plotted. Form 524 is being submitted for this station. It is believed to be too far inland to be of any value for partial hydrographic control.

In addition, Form 524 is being submitted for 3 Azimuth Reference Monuments and 12 Bench Marks.

36 LANDING FIELDS AND AERONAUTICAL AIDS:

See Paragraph 13 of the field inspection report.

37 DISCREPANCY OVERLAY:

A discrepancy overlay has been prepared, during the process of detailing to accompany this Map Manuscript. On it are such notes as are deemed likely to be useful during the field edit. A set of general notes has been included to aid in the interpretation of the symbols shown on the Map Manuscript. The boundary lines of the "Cedarville State Forest" and "Cheltenham Reform School" have also been shown on the discrepancy overlay.

38 GEOGRAPHIC NAMES:

The results of a geographic names investigation by Jack W. Stingley, have been furnished this Compilation Office on a geographic names overlay of the U. S. Geological Survey, Brandywine, Md. 15 minute quadrangle. A list of undisputed, disputed and recommended geographic names is attached to this descriptive report. Only the undisputed geographic names have been shown on this Map Manuscript.

39 HORIZONTAL ACCURACY:

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, in the instructions for Project C.S. 288, Paragraph 19, dated August 3, 1942.

40 RECOMMENDATIONS FOR FUTURE SURVEYS:

The planimetric detail, including data furnished on the field inspection photographs, is believed to be complete as presented on this Map Manuscript. It is subject to corrections, additions and deletions during the field edit.

41 JUNCTIONS:

Complete and satisfactory junctions have been made with the following surveys:

To the North with Map Manuscript for Survey No. T-8253
To the West with Map Manuscript for Survey No. T-8246
To the South with Map Manuscript for Survey No. T-8240
To the East there is no contemporary survey available to the Compilation Office for junction purposes.

42 REMARKS:

The description as furnished in the field report adequately describes the area covered by this Map Manuscript.

44 COMPARISON WITH EXISTING TOPOGRAPHIC SURVEYS:

Comparison was made with the U. S. Geological Survey, Brandywine, Md. 15minute quadrangle, Scale 1:62,500. Due to the scale difference only a visual comparison of common topographic features could conveniently be made, and they were found to be, in general, in fair agreement.

45 COMPARISON WITH NAUTICAL CHARTS:

There are no nautical charts covering the area of this Map Manuscript.

Respectfully submitted:
April 24, 1944

John P. Kubasco
John P. Kubasco
Photogrammetric Engineering Aid

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
Ass't. Photogrammetric Engineer

and

J. Edward Deal, Jr.
J. Edward Deal, Jr.
Ass't. Photogrammetric Engineer

Approved and Forwarded:
April 28, 1944

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

GEOGRAPHIC NAMES

Undisputed

- | | |
|------------------------------------|----------------------------------|
| ✓Ashbox | ✓Mataponi Creek |
| ✓Baden | ✓Mattawoman |
| ✓Baden School | ✓Mattawoman Creek |
| ✓Brandywine | ✓Naval Radio Station |
| ✓Brandywine Heights | ✓North Keys |
| ✓Brandywine School | ✓North Keys Road |
| ✓Brandywine School (col.) | ✓Orme |
| ✓Butlers Branch | ✓Pentacostal Church |
| ✓Cedarville | ✓Philadelphia, Baltimore and |
| ✓Cedarville School | ✓Washington R. R. (Pennsylvania |
| ✓Cedarville State Forest | ✓R.R. System, Pope Creek Branch) |
| ✓Charles County | ✓Piscataway Creek |
| ✓Cheltenham | ✓Prince Georges County |
| ✓Cheltenham Methodist Church | ✓Rock Creek |
| ✓Church of Atonement | ✓St. Michael Church |
| ✓Church of Incarnation | ✓St. Pauls Church |
| ✓Coast Survey Magnetic Observatory | ✓St. Thomas Church |
| ✓Gilbeys Church | ✓T. B. |
| ✓Gwynn Park School | ✓T. B. School |
| ✓Horsehead | ✓Timothy Branch |
| ✓Immanuel Church | ✓Townshend |

GEOGRAPHIC NAMES

Disputed

Recommended

✓Cheltenham School for Boys
✓Talbert Crossing

Disputed

Reform School
Talbert

FIELD EDIT REPORT
TO ACCOMPANY
QUADRANGLE T-8247
PROJECT CS-288C

F. L. Gallen Chief of Party

1. DESCRIPTION OF AREA: See Field Inspection report.
2. COMPLETENESS OF FIELD INSPECTION: See Field Inspection report.
3. INTERPRETATION OF PHOTOGRAPHS: See Field Inspection report.
4. HORIZONTAL CONTROL: ~~See report for original planimetric maps;~~
and item 26, compilation report.
5. VERTICAL CONTROL: All level elevations should be checked in the Washington Office. All bench marks have been checked and verified by the field edit party. A large number of temporary marks, such as nails have been deleted by the field edit party. *4 USGS B.M. that are on the M.S.S. are not shown on the overlay because they were not monumented*
6. CONTOURS AND DRAINAGE: See field inspection report. Discrepancies noted on the discrepancy overlay have been investigated and corrected where necessary.
- 7 thru 12. Not applicable to this quadrangle.
13. LANDING FIELDS AND AERONAUTICAL AIDS: There were no landing fields or aeronautical aids within the limits of this quadrangle. *Cedarville State Forest Headquarters Radio Mast would serve as an Aeronautical Aid*
14. ROAD CLASSIFICATION: All roads have been classified and shown in accordance with instructions from the War Dept., dated July 23, 1944.
15. BRIDGES: Bridge classifications were made in accordance with instructions from the Army War College, dated January 12, 1942, and have been shown in key on the sheet by C. C. Fryer, Jr. Topo. Engr. Several unclassified bridges were classified by the field edit party.
16. BUILDINGS: Buildings were classified as to type with the exception of dwellings which were not classified. A number of new dwellings were added by the field edit party.
17. BOUNDARY MONUMENTS AND LINES: See field inspection report. Boundary discrepancies have been investigated and corrected where necessary.

The Cedarville State Forest was divided into small sections of land. A map was obtained showing the boundaries for all sections but one. The map showing the boundaries for this one section has been requested and upon procurement will be sent to the Washington Office.

Part 1

46. METHODS: This quadrangle was field edited on an ozalid and later transferred to a duplicate ozalid in the office. Any discrepancies were noted on the ozalid by a suitable symbol.

All symbols used are standard topographic symbols except that a green X was used for deletions and a tick mark was used to show points of change in road classifications. The following color scheme was used.

Deletions	Green
Additions	Black
Names, notes and elevations	Black
Water Culture	Blue

47. ADEQUACY OF COMPILATION: The compilation of this sheet, as governed by field inspection, was complete and adequate with few additions or deletions.

48. ACCURACY TESTS: See Field Inspection report.

Submitted by:

Herbert W. Burgoyne Jan 7, 19
Herbert W. Burgoyne
Jr. Topo. Engr.

Approved and forwarded by:

F. L. Gallen

F. L. Gallen
Chief of Party

8770

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

MAY 16 AM 9:14

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

TO: The Director
U. S. Coast & Geodetic Survey
Washington, D. C.

From: Wendell Bever
Junior Topographic Engineer
General Delivery
Upper Marlboro, Md.

Subject: Quadrangle 8247

Upon receipt of political boundary map of Charles County the boundaries of the voting districts were checked against sheet 8247. Discrepancies were found to exist which were not noted on the discrepancy overlay. As the sheet was sent to Washington prior to receipt of the political boundary map the discrepancies were corrected on the field sheet of 8247. As it was necessary to retain the northern boundary of this sheet the corrected boundary was clipped off and mailed with this letter.

These discrepancies should be corrected on the smooth sheet during office review.

Wendell Bever
Wendell Bever
Junior Topographic Engineer

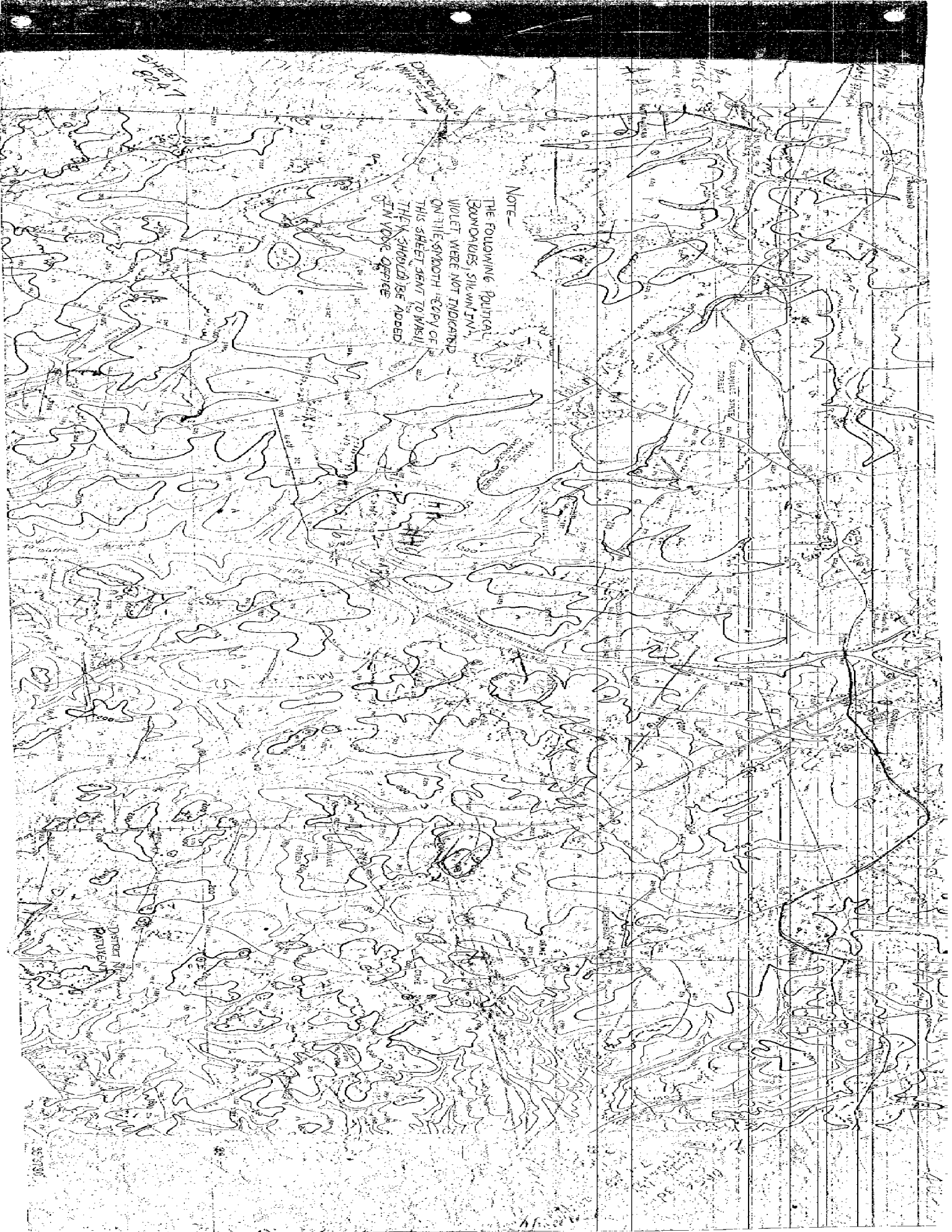
enclosure



SHEET 1
1004

DISTRICTS
UNIFIED

NOTE
THE FOLLOWING POLITICAL
BOUNDARIES SHOWN IN
VIOLET WERE NOT INDICATED
ON THE SOURCE COPY OF
THIS SHEET SENT TO WASH.
THEY SHOULD BE ADDED
IN YOUR OFFICE



IN REPLY ADDRESS THE DIRECTOR
U. S. COAST AND GEODETIC SURVEY
AND NOT THE SIGNER OF THIS LETTER

AND REFER TO NO.

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

WASHINGTON 25

May 24, 1944

MAY 27 9:13 AM
MAY 27 9:13 AM
• TO: The Director
U.S. Coast & Geodetic Survey
Washington, D. C.

From: Wendell Bever
Junior Topographic Engineer
• U.S. Coast & Geodetic Survey
General Delivery
Upper Marlboro, Md.

Subject: Cedarville State Forest (See Descriptive Report T-8247)

In this report it was stated an additional map would be sent in for the Cedarville State Forest. However I have been informed the area in question is not covered by any published map, hence the boundaries as shown on the ozalid must be considered correct.

Herbert W. Burgoyne
Herbert W. Burgoyne
Junior Topographic Engineer



Remarks.

Decisions

	Remarks.	Decisions
1		USCB
2		"
3		
4		Railway Guide
5		
6		Md. Geol Survey
7		County Maps
8		"
9		"
10		"
11		"
12		"
13		Road Maps and 1941
14		Md. State Gazetteer
15		"
16		386767
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		"
25		"
26		"
27		386768

GEOGRAPHIC NAMES

Survey No. T-8247

BRANDYWINE quadrangle

1	Name on Survey	A	B	C	D	E	F	G	H	K
	Maryland ✓									1
	Prince Georges County ✓									2
	Charles County ✓									3
	Pennsylvania R.R. (Popes Creek Branch) ✓									4
	Cedar Point R.R. (U.S. Navy) ✓									5
	District No. 8 Bryantown ✓ (Charles Co.)									6
	" 9 Patuxent ✓ " : apparently a very little of it on this quad.									7
	" 8 Aquasco ✓ (Pr. G. Co.)									8
	" 11 Brandywine ✓ "									9
	" 9 Surratts ✓ "									10
	" 4 Nottingham ✓ "									11
	" 15 Mellwood ✓ "									12
	U.S. No. 301 ✓ (apparently also Md. 3,5)									13
	Md. 3,5, 381, 382 ✓ (301 Md. shown on name sheet: not found on other available sources).									14
										15
	Crme ✓									16
	St. Thomas Church ?									17
	Horsehead ✓									18
	Immanuel Church ✓									19
	Baden ✓									20
	Baden School No									21
	St. Michael Church ✓									22
	St. Pauls Church ✓									23
	Ashbox ✓									24
	Rock Creek ✓									25
	Cedarville ✓ not on this quad.									26
	Cedarville School ✓									27

Remarks

	Remarks	Decisions
1	Pente costal correct spelling church	386768
2	may actually have this form.	"
3		"
4		"
5		385772
6		"
7		"
8		"
9		"
10		"
11		"
12		"
13		387768
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		387770
25		387767
26	<u>Duley</u> (387768) = 2 miles NE of	"
27	little town on P.R.R.	"

GEOGRAPHIC NAMES

Survey No. T-8247

2	Name on Survey	Source of Information											
		A	B	C	D	E	F	G	H	K			
	<u>Pentacostal Church</u> ✓												1
	<u>Butlers Branch</u> ✓												2
	<u>Cedarville State Forest</u> ✓												3
	<u>Mattawoman</u> ✓												4
	<u>Mattawoman Creek</u> ✓												5
	<u>Townshend</u> ✓												6
	<u>Timothy Branch</u> ✓												7
	<u>T B School</u> ✓												8
	<u>Brandywine</u> ✓												9
	<u>Brandywine School</u> ^{no} ✓												10
	<u>Brandywine Heights</u> ✓												11
	<u>Church of Incarnation</u> ✓												12
	<u>T B</u> ✓												13
	<u>Gwynn Park School</u> ✓												14
	<u>Brandywine School (Colored)</u> ^{no} ✓												15
	<u>Gibbys Church</u> ✓												16
	<u>Talbert</u> ✓												17
	<u>Cheltenham</u> ✓												18
	<u>Church of Atonement</u> ✓												19
	<u>Cheltenham Methodist Church</u> ✓												20
	<u>Cheltenham School for Boys</u> ✓												21
	<u>U.S. C. & G.S. Magnetic Observatory</u> ✓												22
	<u>U.S. Naval Radio Station</u> ✓												23
	<u>Piscataway Creek</u> ✓												24
	<u>Mataponi Creek</u> ✓												25
	<u>North Keys</u> ✓												26
	<u>North Keys Road</u> ✓												27

Names underlined in red approved
by L. HECK on 6/11/44

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.
published quadrangle at 1:20,000 scale
Black and white cloth-mounted copy of the map manuscript. This copy is filed to preserve original survey detail shown on the manuscript at 1:20,000 scale which may not have been shown on the published sheet. For ~~political-boundaries,~~ woodland, ~~marsh,-and-tswamp-limits,~~ refer to the published quadrangle for the finally adopted ~~positions-~~ outlines.

Descriptive Report.

Division.

Filed in the Photogrammetric Section---Surveys-Branch

Field inspection photographs.

Contoured photographs (on which planetable contouring work was performed.)

Field edit sheet.

Descriptions of recoverable topographic stations (Form 524), filed in Reviewing-Unit Section.

Supplementary traverse and level records.

Field notes, computations, lists of positions, and tabulations of results of horizontal and vertical accuracy tests.

Reproduction proof.

Correction sheet (copy of quadrangle showing in red changes to be made when next printed.)

Check lists of work performed on each sheet in the Washington Office during review, drafting, edit, and reproduction.

Original celluloid manuscript.

Copies of specifications and all instructions
to field parties and field offices.

Filed in Reproduction Branch

Glass negatives of the color separation drawings.

Filed in the Library

~~Special report on field work by Commander K. T.
Adams, 1944.~~

Special report on office work by B. G. Jones, 1944.

Season's report on field work by Commander F. L.
Gallen, 1944.

Season's report on field work by Commander R. L.
Schoppe, 1944.

Delivered to the Army Map Service in accordance
with the contract

Film negatives and film positives of the color
separation drawings.

All color separation drawings.

~~Original celluloid manuscript.~~

A correction sheet consisting of a copy of the
first edition of the quadrangle with notes in red
indicating changes desirable at the next printing.

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-8247

BRANDYWINE 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

The nearest horizontal accuracy test was run in quadrangles T-8239 and T-8240.

There was no vertical accuracy test run in this area.

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.

There are no previous topographic surveys in this area.

Comparison with Nautical Charts Nos.

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:

This is an inland sheet.

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 May 27, 1944
under direction of D. H. Benson

By M. Virginia Parker
(per H.M.)

Inspected by B. G. Jones

B.G. Jones 5/46

Examined and approved:

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

Chief, -Topography-Section

Robert W. Wood
Chief, Div. of Charts
Nautical Chart Branch

Raymond C. Egan
Chief, Div. of Coastal
Surveys