

8286

8286

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
<b>DESCRIPTIVE REPORT</b>	
Type of Survey	<b>Air Photographic Compilation</b>
Field No.	Office No. <b>T-8286</b>
LOCALITY	
State	<b>Maryland - Delaware</b>
General locality	<b>Eastern Shore</b>
Locality	<b>Millington</b>
<u>194 4</u>	
CHIEF OF PARTY	
Ray L. Schoppe - Field	
Kenneth G. Crosby - Compilation	
LIBRARY & ARCHIVES	
DATE	<b>June 26, 1942</b>

## DATA RECORD

T- 8286

Quadrangle (II): T-8286 Millington

Project No. (II): CS 288 A

## Field Office:

War Mapping Field Party #2

## Chief of Party:

Ray L. Schoppe

## Compilation Office:

Tampa, Fla.

## Chief of Party:

Kenneth G. Crosby

## Instructions dated (II III):

May 13, 1943

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

Completed survey received in office: Feb. 15, 1944

Reported to Nautical Chart Section: Feb. 16, 1944

Reviewed: 4/12/44 Applied to chart No. Date:

Redrafting Completed: 6/3/44

Registered: 6/46 Published: 1944

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

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927

Datum Plane (III): M.S.L. 1929

Reference Station (III): Wilson, 1934

Lat.:	Long.:	Adjusted
39° 15' 09.431" (290.8m)	75° 47' 57.217" (1371.9m)	<del>Unadjusted</del>

State Plane Coordinates (VI): MD. STATE GRID (SINGLE ZONE)

X = 1,140,040.27 ft.

Y = 519,118.34 ft.

Military Grid Zone (VI)

"A"

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
12748	Dec. 4, 1942	----	1:20,000	Inshore sheet.
12749	"	"	"	"
12750	"	"	"	"
12759	"	"	"	"
12760	"	"	"	"
12761	"	"	"	"

Tide from (III): 0----

Mean Range: ----

Spring Range: ----

Camera: (Kind or source) U.S.C. AND G.S. Nine-lens

Field Inspection by: E. Gillerman date, October, 1943

Field Edit by: E. Gillerman date, October, 1943

Date of Mean High-Water Line Location (III): ----

Red-line celluloid print  
Projection and Grid used by (III) Washington off. date: June 1943

" " " checked by: " " date: "

Control plotted by: (Printed on projection) date: ----

Control checked by: ( ---- date: ----

Radial Plot by: Tampa Office Personnel date: Oct. 20, 1943

Detailed by: Ida R. Roberts, Jr. Engr. Drafts. date: Oct. 1943 to Jan. 1944.

Reviewed in compilation office by: A.L. Kidwell, Jr. Photo Engr. date: Jan-Feb. 1944  
J. H. S. Billmyer, Ass't Photo Engr.

Elevations on Field Edit Sheet C. M. Shinn, Jr.  
checked by: O. M. Allen date, Dec. 6, 1943

STATISTICS (III)

Land Area (Sq. Statute Miles); 35.2 not previously reported

Shoreline (More than 200 meters to opposite shore); previously reported

Shoreline (Less than 200 meters to opposite shore); previously reported

Number of Recoverable Topographic Stations established;

Number of Temporary Hydrographic Stations located by radial plot;

Leveling (to control contours) - miles: 91.2

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.288 4 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:

### PREPARATION OF BASE MAPS

Assembly into quadrangle base sheets by photographic means of previously produced planimetric maps of the area. These maps were compiled by this Bureau from aerial photographs taken in 1937 and were published in 1937 on the scale of 1:10,000. Lithographic prints of the quadrangle base sheets on cloth-mounted paper were furnished to the field parties and similar prints in red ink on celluloid sheets were furnished to the compilation office.

### 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. The field parties were permitted to make field inspection notes either on the photographs or on the planimetric base sheet.

Contouring by planetable, directly on the photographs or on the planimetric base sheet at the option of the field party. The contouring for this quadrangle was done on the photographs.

Supplementary vertical control was established by means of an extensive subordinate level net, furnishing unmarked elevations at road intersections, driveways, and numerous other points identifiable on the photographs.

#### COMPILATION OF MANUSCRIPT

Revision of the planimetric base map from the new photographs and addition of contours and corrections obtained by the field parties. A  $\bar{N}\bar{e}$  radial plot was made for this work, using a red-line print as a base.

#### FIELD EDIT

Comparison of a copy of the corrected 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.

DESCRIPTIVE REPORT TO ACCOMPANY  
QUADRANGLE T-8286  
PROJECT GS 288 A  
Ray L. Schoppe, Comdr., Chief of Party

1. Description of the Area. The area involved is a  $7\frac{1}{2}$ -minute quadrangle bounded on the west by west longitude  $75^{\circ} 52\frac{1}{2}'$ , on the north by north latitude  $39^{\circ} 22\frac{1}{2}'$ , on the east by west longitude  $75^{\circ} 45'$ , and on the south by north latitude  $39^{\circ} 15'$ , and is situated in Cecil, Kent, and Queen Anne's counties, Maryland, and in Newcastle and Kent counties, Delaware. The western portion of the area is covered by planimetric maps No. T-5694 and T-5660.

Most of the area is a flat plain ranging from 60 to 80 feet in elevation, and dropping off along the water courses. The Chester River, along the southern edge, and the Sassafras River along the northern edge, are both tidewater streams at the western edge of the quadrangle. The divide between the two streams roughly bisects the quadrangle from east to west. In the eastern portion of the area the region is so flat that artificial drainage has been resorted to to reclaim much of the land.

Dense woods cover much of the eastern half of the quadrangle and also a large area in the center. Dense woods are also found along the streams. The majority of the woods are deciduous but some pine forests are present. About half the area is under cultivation.

The towns and villages of Millington, Massey, Sassafras, Golts, and a portion of Galena, lie within the quadrangle.

2. Completeness of Field Inspection. The eastern portion of the quadrangle had not previously been compiled and a thorough field inspection for the classification and clarification of detail was necessary in this area. This was accomplished, and all roads, buildings, streams, vegetation, and boundary lines and other detail were identified and indicated. All field inspection was done on photographs, Nos. 12759, 12760, 12761, 12748, 12749, and 12750.

3. Interpretation of the Photographs. No particular information with regard to photographic interpretation is deemed necessary. As to woods classification, the pine forests show up as almost black masses, whereas the deciduous forests are a grayer tone. Any detail of a doubtful nature has been indicated and classified during the field inspection.

4. Horizontal Control. All control in this quadrangle which was needed to complete the radial plot was recovered by another party. Refer to their report as well as to the descriptive report for the original planimetric maps. *See T8252 for*

*details regarding Horizontal control and Radial Plot*  
R.S.G.

5. Vertical Control. The vertical control for the plane-table work included U. S. Coast and Geodetic Survey bench marks and supplementary level lines established by W. Robohn, H. Burgoyne, and C. Taylor. The supplementary elevations were established at easily recognized points such as road intersections, fence lines along roads, on bridges and culverts, etc. All loops closed within the allowable error and elevations were adjusted. A total of 91.2 miles of supplementary levels were run in this quadrangle.

6. Contours and Drainage. The sketching of the contours was done on 1:20,000 scale aerial photographs, Nos. 12759, 12760, 12761, 12748, 12749, 12750, by standard methods using the standard U. S. Coast and Geodetic Survey plane-table and alidade. The plane-table location was taken from identifiable points on the photographs, or short traverses were run from such identifiable points to the desired location. The table was oriented wherever possible by sighting at or along detail on the photographs. In addition a magnetic meridian, obtained by setting up at a place where a particularly strong orientation could be secured, was placed upon the photograph. This was checked frequently, and with the aid of a declinator was employed to orient the table when no other method could be used. Rather extensive use of the hand level was resorted to in the eastern half of the quadrangle where the woods were dense. Here cross section lines were run through the woods at various places in order to obtain elevations and place the contours.

The streams had been previously located on the photographs in the Washington Office with the aid of a stereoscope. Stream locations were checked in the field and changes made wherever necessary. Many streams were located by measurements from identifiable detail. Many small ditches, however, have been deleted, but the larger ditches are shown.

7. Mean High-Water Line. Refer to descriptive report for original planimetric maps.

8. Low-Water Line. Refer to descriptive report for original planimetric maps.

9. Wharves and Shoreline Structures. Refer to descriptive report for original planimetric maps.

10. Details Offshore from the High-Water Line. Refer to descriptive report for original planimetric maps.

11. Landmarks and Aids to Navigation. Refer to descriptive report for original planimetric maps.

12. Hydrographic Control. Refer to descriptive report for original planimetric maps.

13. Landing Fields and Aeronautical Aids. There are no landing fields or aeronautical aids within the boundaries of this quadrangle.

14. Road Classification. All roads were classified according to instructions. Roads to be deleted have been indicated. Whenever names and number designations or roads were obtainable, these also were indicated.

15. Bridges. Bridges have been classified according to instructions by C. C. Fryer, Junior Topographic Engineer.

16. Buildings and Structures. All buildings to be shown on the completed map have been circled and classified. Buildings not so marked should be deleted. Within Millington and Massey, all buildings which have been circled but not classified, should be marked as dwellings.

17. Boundary Monuments and Lines. A Maryland State Game Farm, the Millington Wild Life Game Refuge, occupies about one square mile - 563 acres - in the southeastern portion of the quadrangle. Some of the corners and lines were located in the field, and a ~~plaque~~<sup>plat</sup> of the reservation showing all the metes and bounds was obtained from the Maryland State Game Commission. With the help of this and the points located in the field, the boundaries were drawn on the photograph. The ~~plaque~~<sup>plat</sup> of the reservation is also included with the report. On the photograph, red X's along the boundary lines and at the corners indicate points located in the field.

The Delaware-Maryland state boundary line was located by recovering the boundary stones wherever possible. Triangulation Station Whorton is also on the boundary line and has been recovered and forwarded. The boundary is not indicated on the photographs, but it is believed that after the radial plot is laid this boundary may very easily be put on the finished map by using the boundary monuments which are located.

All other political subdivisions as well as incorporated city limits have been indicated by C. C. Fryer, Junior Topographic Engineer.

18. Geographic Names. This will be the subject of a special report. L. H.

19. Vegetation. All vegetation has been classified in accordance with instructions.

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20. Power Lines. A Rural Electrification Administration power line extending through a portion of the quadrangle has been located and properly indicated on the photographs.

21. Junctions. Junctions with Quadrangle T-8290 to the north, T-8285 to the west, and T-8282 to the south were compared and checked in the field. To the east, the area is covered by a Geological Survey map on a scale of 1:62,500, surveyed in 1926 -- the Smyrna Quadrangle. Junctions with this quadrangle appear to check satisfactorily. A small closed 80-foot contour is shown to extend into Quadrangle T-8285, and is not shown on that sheet.

*Correction applied to T-8285*

46. Methods. All additions, deletions, and corrections were made on the photographs. Vegetation, road classification, buildings, and all other cultural features are noted in red. Drainage symbols are in blue. Contour lines are in brown, and elevations obtained by the planetable are indicated by a brown "X" with the elevation alongside. Supplemental level elevations are in blue. All features to be deleted have been marked by "X" in green. All symbols used are in accordance with instructions.

47. Adequacy of the Compilation. All the work of field edit was accomplished on new 1:20,000 scale photographs. From inspection, the compilation appeared adequate, except for the known deficiencies, such as classification of roads, woods, and bridges, and the addition of new buildings and their classification.

48. Accuracy Tests. For the vertical accuracy test for this quadrangle, refer to the descriptive reports for quadrangles T-8289 and T-8290. *No test within the area of this sheet.*

The horizontal accuracy test for this quadrangle has been previously forwarded. This test was found to be well within the required limits of accuracy. No point tested approached the average allowable error of well defined points. The average error of points tested was 0.226 mm. *Filed in review unit files.*

49. Data. Contouring and field edit appear on photographs Nos. 12759, 12760, 12761, 12748, 12749, and 12750. Supplemental levels are on tracing paper print and photographs No. 1590 and 1591. This tracing paper print also shows a part of the bridge classification and political boundaries.

Bridge classification is also found on photographs Nos. 12750, 12749, 12748, and 12761. Political boundaries are also found on photographs Nos. 12750 and 12748.

Photographs 12761 and 12748 show also contouring and field inspection of a portion of Quadrangle T-8282.

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Submitted by:

Approved:



Ray L. Schoppe  
Chief of Party



Elliot Gillerman  
Junior Topographic Engineer  
December 6, 1943

COMPILATION REPORT  
TO ACCOMPANY  
SHEET-T-8286

26 CONTROL

The control on this sheet, while not plentiful was sufficient to control the radial plot. All stations could be held to.

27. RADIAL PLOT

The main radial plot, of which T-8286 was a part, will be covered in the compilation report for T-8252.

28. DETAILING

This sheet is a  $7\frac{1}{2}$  minute quadrangle, of which the western half was compiled from aerial photographs on a scale of 1:10,000 as part of a previous project.

The previously compiled portion was furnished this office on a red-line celluloid sheet on a 1:20,000 reduction with projection lines for the unmapped eastern part. Corrections and additions were made on the red-line reproduction in black acid ink and the drafting on the blank area was done in the usual manner.

The photographs were clear and of fair scale. The field inspection was complete except for a few discrepancies that are covered on an overlay which will be sent to the field editor.

The boundary of the Millington Wild Life Demonstration Area was shown on the field print with the power line symbol. This should be investigated in the field.

29. SUPPLEMENTAL CONTROL

The attached map of the Maryland State Game Farm obtained by the field party is the only map by another organization that was used to supplement the field inspection.

30. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES *CECILTON MODEL*

In comparing the sheet with the U. S. Geological Survey Quadrangle of the area, quite a number of small discrepancies of a minor nature were noted, but the information shown on the newer compilation should supersede that on the Geological Survey Map, as the latter was made from surveys of more than forty years ago.

45. COMPARISON WITH NAUTICAL CHARTS

The published U. S. C. and G. S. nautical charts, which cover the area shown on Sheet T-8286 were not available in the compilation office.

Respectfully submitted,

*Ida R. Roberts*

Ida R. Roberts,  
Jr. Engr. Draftsman.

Forwarded by:

*Kenneth G. Crosby*  
Kenneth G. Crosby,  
Chief of Party....

FIELD EDIT REPORT  
QUADRANGLE T-8266  
PROJECT CS 288 A

R. L. Schoppe, Chief of Party

1. DESCRIPTION OF AREA: See field inspection report.
2. COMPLETENESS OF FIELD INSPECTION: See field inspection report.
3. INTERPRETATION OF THE PHOTOGRAPHS: See field inspection report.
4. HORIZONTAL CONTROL: See report for original planimetric maps, and item 26, compilation report.
5. VERTICAL CONTROL: See field inspection report. All level elevations and bench marks have been checked and verified by the field edit party.
6. CONTOURS & DRAINAGE: Discrepancies on the discrepancy overlay have been inspected and corrected where necessary.  
All major drainages are bordered by wet-weather-swamp. Due to the extremely low gradient a greater part of the stream bottoms flood during the winter and spring months. The boundaries of these low areas are very irregular and difficult to show accurately, thus the boundaries shown are only approximate.
7. thru 12. Not applicable to this sheet.
13. LANDING FIELDS & AERONAUTICAL AIDS: There are no landing fields or aeronautical aids within the limits of this quadrangle.
14. ROAD CLASSIFICATION: All roads have been classified and shown in accordance with instructions from the army war college, dated Jan. 12, 1942.
15. BRIDGES: Bridge classifications were made in accordance with instructions issued from the War Dept., dated July 23, 1942, and have been shown in key on the sheet by C.C. Fryer, Jr. Topo. Engr.
16. BUILDINGS: In general there were few buildings to be classified, added or deleted.
17. BOUNDARY MONUMENTS & LINES: The political sub-divisions of Delaware have been added to the sheet from county maps and verified in the field where necessary.
18. GEOGRAPHIC NAMES: This has been a subject of a separate report. 14
19. It has been noted the field edit of the old planimetric area was accomplished on the nine-lens photographs and later transferred to the new compilation by the compilation office.

Although a rough inspection of the old planimetric area was made, it is felt several, not too obvious, discrepancies may have been missed, however it is believe these discrepancies can be corrected satisfactorily in the Washington office. All fence lines, hedges, short driveways, and unclassified structures should be deleted.

It is requestec the old planimetric area of the sheet, be closely inspected in the Washington office in order to ascertain whether the sheet is considered to be adeqatately field edited. Actually, in the literal sense of the word, field edit was not accomplished on the old planimetric area, rather, it was field inspected.

20. JUNCTIONS: The adjoining sheet to the west 8285 was not available, hence hence its junction with 8286 should be checked in the Washington office.

46. METHODS: This quadrangle was field edited on the ozalid and later transferred to the cloth-backed print. Discrepancies not covered by a suitable symbol were noted on the compilation by a sentence and an arrow to the point in question.

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

Deletions -----	Green
Additions, classifications, names, notes, and elevations -----	Black
Water Culture -----	Blue
Political Sub-divisions -----	Violet

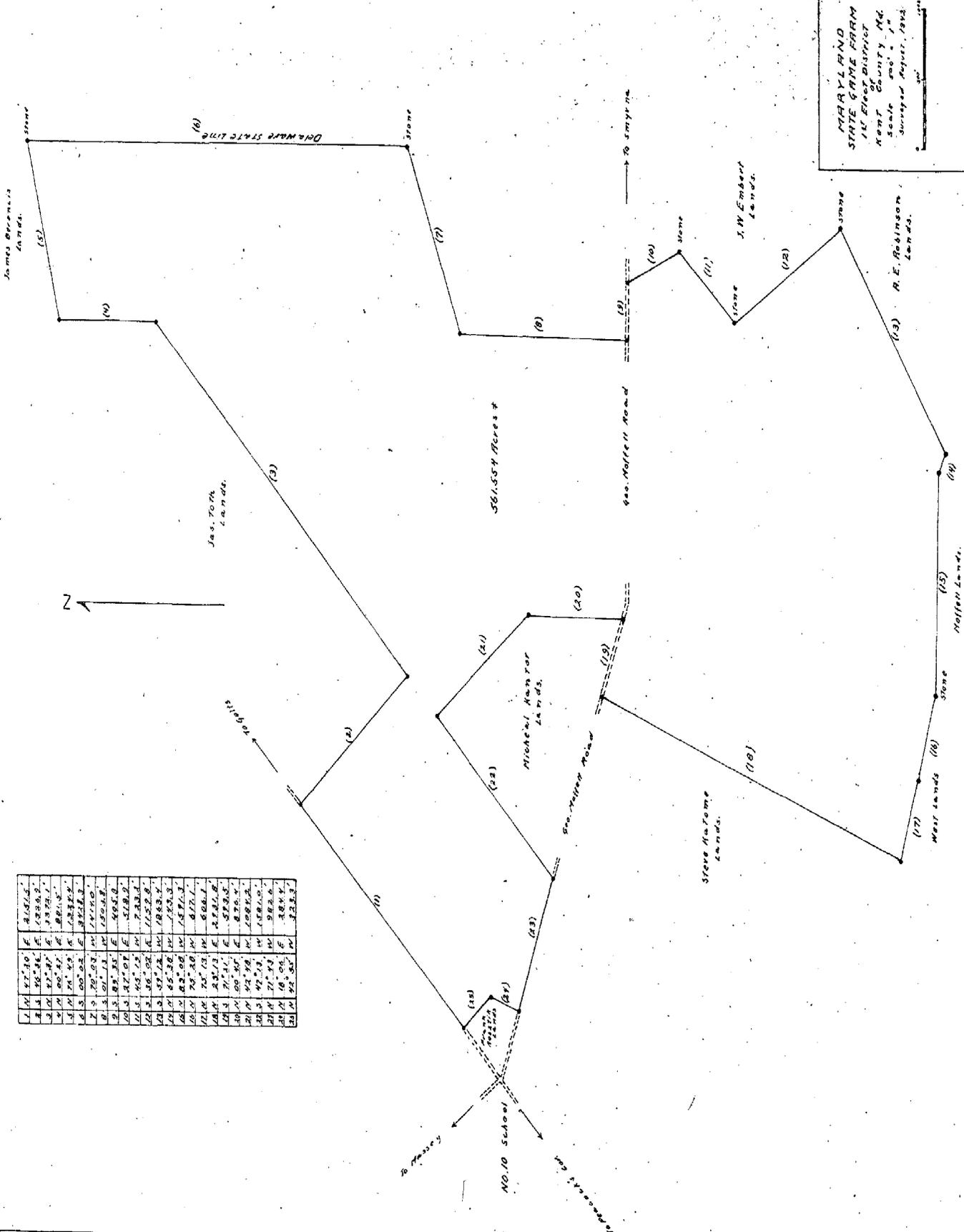
47. ADEQUACY OF COMPILATION: The compilation of this sheet was complete and adequate with almost no additions, classifications, or deletions necessary.

48. ACCURACY TESTS: See field inspection report.

Submitted By,  
*Wendell Bever*  
Wendell Bever  
Jr. Topo. Engr.

Approved By  
*Ray L. Schuppe*  
Ray L. Schuppe,  
Chief of Party

1	N	77° 10'	E	814.15
2	N	78° 46'	E	1228.2
3	N	77° 47'	E	937.1
4	N	69° 47'	E	881.5
5	N	74° 49'	E	1222.2
6	S	00° 02'	E	812.2
7	S	70° 02'	N	1110
8	S	01° 11'	N	1204.8
9	S	89° 35'	E	695.0
10	S	87° 07'	E	518.2
11	S	63° 25'	N	743.2
12	S	86° 02'	E	1522.8
13	N	87° 02'	N	1833.2
14	N	85° 48'	N	1703.3
15	S	82° 08'	N	1711.1
16	N	70° 03'	N	866.6
17	N	81° 17'	E	2282.8
18	N	00° 46'	E	830.0
19	N	02° 48'	N	1202.2
20	S	47° 51'	N	1281.0
21	N	71° 43'	N	982.0
22	N	08° 04'	E	282.4
23	N	82° 52'	N	222.2



MARYLAND  
STATE GAME FARM  
ALEXANDRIA DISTRICT  
KENT COUNTY, MD.  
Scale 200' = 1"  
Surveyed August, 1962

T-908

	Remarks	Decisions
1		USGB
2		"
3		
4		"
5		
6		
7		"
8		Railway Guide
9		"
10		Road Maps
11		"
12		393760
13		390762
14		
15		
16		
17		312757
18		392758
19		"
20		"
21		"
22		"
23		"
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8286

MILLINGTON, quadrangle

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>Larvland</u>									1
✓ <u>Delaware</u>									2
✓ <u>Kent County-</u>	(Del.)								3
✓ <u>New Castle County</u>	"								4
✓ <u>Cecil County</u>	(Md.)								5
✓ <u>Kent County</u>	"								6
✓ <u>Queen X Annes County</u>	"								7
✓ <u>Pennsylvania R.R.</u>	(Centerville Branch)								8
"	(Chestertown Branch)								9
State Roads (Md):	291, 299, 313;								10
" (Del.):	6 is continuation of Md. No. 291								11
✓ <u>Sassafras River</u>									12
✓ <u>Chester River</u>	(probably not enough on this quad. to warrant a name)								13
✓ <u>Cecilton No. 1</u>	Cecil County, Md.								14
✓ <u>Massey No. 1</u>	Kent Co., Md.								15
✓ <u>Crompton No. 7</u>	Queens Annes County, Md.								16
✓ <u>Millington Wild Life Demonstration Area</u>									17
✓ <u>Jones Landing</u>	(as on chart 1226, near Millington)								18
✓ <u>Millington</u>									19
✓ <u>Four Corners Number Ten Road</u>									20
✓ <u>Peacock Corners</u>									21
✓ <u>River Road</u>	(No. 291 west of Millington)								22
✓ <u>Andover Branch</u>									23
✓ <u>Unicorn Branch</u>									24
✓ <u>Cypress Branch</u>									25
✓ <u>Mills Branch</u>									26
✓ <u>Millington School</u>									27

Remarks

Decisions

	Remarks	Decisions
1		392758
2		"
3		"
4		"
5		"
6		393757
7		"
8		"
9		393758 USGB
10		"
11		"
12		" "
13		"
14		"
15		"
16		" "
17		" "
18		"
19		"
20		"
21		"
22		"
23		"
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8286

?	Name on Survey	Sources											
		A	B	C	D	E	F	G	H	K			
	<u>Asbury M.E. Church</u>												1
✓	<u>Holy Cross Episcoapl Church</u>												2
✓	<u>John Wesley Met. Church</u> (at Millington)												3
✓	<u>Mission Church</u>												4
✓	<u>Trinity Met. Church</u>												5
✓	<u>Golts</u>												6
	<u>Golts M.E. Church</u>												7
✓	<u>Caldwell Corners</u>												8
✓	<u>Fox Hole Landing</u> (partly here, partly on quad. to north)												9
✓	<u>Sassafras</u>												10
✓	<u>Budd Landing</u>												11
✓	<u>Jacobs Creek</u>												12
✓	<u>Her Island</u>												13
✓	<u>Wilson Point</u>												14
✓	<u>Wilson Point Road</u>												15
✓	<u>Swantown Creek</u>												16
✓	<u>Mill Creek</u>												17
✓	<u>Galena</u> (partly here: see page 1, Desc. Rep.)												18
✓	<u>Olivet Hill</u>												19
✓	<u>Scott Road</u>												20
✓	<u>Massev</u>												21
	<u>Massev School</u>												22
✓	<u>St. Clements Church</u>												23
	<u>Olivet M.E. Church</u>												24
	<u>Olivet Hill School</u>												25
✓	<u>Rehoboth M.P. Church</u>												26
✓	<u>John Wesley M.E. Church</u> (at Sassafras)												27

Names underlined in red approved  
by L. Heck on 11/24/44

## 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 swamp 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-8286

MILLINGTON QUADRANGLE

This quadrangle manuscript has been examined for completeness, accuracy, and conformity with the specifications. It is adequate for smooth drafting, reproduction and publication. Revisions found to be necessary in this office are discussed on the next page.

Horizontal and Vertical Accuracy

A horizontal accuracy test was run in this area and found to be satisfactory. See the files in the Division of Photogrammetry.

The nearest vertical accuracy test was run in quadrangles T-8289 and T-8290.

Previous Surveys

This manuscript has been compared with the following previous topographic surveys of this Bureau and other agencies. This map is satisfactory to supersede the previous surveys over the common area.

T-2381

1:20,000

1899

Comparison with Nautical Charts Nos. 572 & 1226

The manuscript has not been applied to the charts at the date of this review. The following comments are pertinent to the compilation and correction of nautical charts:

The details of T-8286 are complete and adequate for chart correction.

The following revisions of the map manuscript were found to be necessary and were accomplished as a part of this review:

Only changes of a minor nature were necessary during the review of this map manuscript.

Reviewed April 10, 1944 By Anne M. Hartow  
under direction of D. H. Benson (per D.M.)

Inspected by B. G. Jones *B.G. Jones 6/46*

Examined and approved:

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

~~Chief, Topography Section~~

Robert Wilder  
Chief, Div. of Charts  
Nautical Chart Branch

Raymond B. Egan  
Chief, Div. of Coastal  
Surveys

