

8244

Original

Diag'd. on Diag. Ch. No. 77-4

Form 504

U. S. COAST AND GEODETIC SURVEY  
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photo Compilation

Field No. \_\_\_\_\_ Office No. 8-8244

LOCALITY

State Maryland

General locality Eastern Shore

Locality Choptank river

1944

CHIEF OF PARTY

Ray L. Schoppe - Field  
J. W. Swanson - Compilation

W. D. Patterson  
LIBRARY & ARCHIVES

DATE April 3, 1946

8244

## DATA RECORD

T- 8244

Quadrangle (II): T-8244  
East New Market      Project No. (II): CS 288-A

Field Office:      Chief of Party:  
War Mapping Field Party #2      Roy L. Schoppe

Compilation Office:      Chief of Party:  
Tampa, Florida      L. W. Swanson

Instructions dated (II III):      Copy filed in Descriptive  
Nov. 16, 1942      Report No. T-      (VI)

Completed survey received in office: *Apr. 4, 1944*

Reported to Nautical Chart Section: *Apr. 5, 1944*

Reviewed: *May 12, 1944* Applied to chart No.      Date:

Redrafting Completed: *Oct. 26, 1944*

Registered: *3/46*      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.

Reference Station (III): Windsor, 1934

Lat.: *38° 36' 02" 193 (67.6M)* Long.: *75° 53' 31" 877 (771.4M)*      Adjusted  
Unadjusted

State Plane Coordinates (VI):

*Maryland (single zone)*

X = *1, 116, 598.04 Ft.*      Y = *281, 343.74 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>
12782	Dec., 4, 1942	1:37 P:M	1:20,000	See report for previous compilation
12783	"	1:39 P:M	"	
12784	"	1:41 P:M	"	
ANJ14-171--ANJ14-173	May 1, 1938			
ANJ16- 79--ANJ16- 84	May 3, 1938			
ANJ16-149	May 3, 1938	(Single Lens)		
ANJ16-151--ANJ16-154	May 3, 1938			
ANJ18-147--ANJ18-152	May 6, 1938			
ANJ18-154--ANJ18-156	May 6, 1938			

Tide from (III): See report on previous compilation

Mean Range: See report on previous compilation      Spring Range: See report on previous compilation

Camera: (Kind or source)

U.S.C. & G.S. 9 lens  
Single lens

Field Inspection by:

date:

J.W. Brett, Eng. Aid

Nov. 1943

Field Edit by:

date:

1944

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

See report on previous compilation

Projection and Grids ruled by (III)

date:

" " " checked by: Washington Office

date:

Washington Office

Control plotted by:

date:

W.E. Snyder      Eng. Draftsman

Oct. 1943

Control checked by:

date:

S.C. Jaspán      Sr. Eng. Draftsman

Oct. 1943

Radial Plot by:

date:

Tampa Photogrammetric Office

Oct. 1943

Detailed by:

date:

S.C. Jaspán      and      M.R. Blake      Jan. & March 1944  
Sr. Eng. Draftsman      Asst. Eng. Draftsman

Reviewed in compilation office by:

date:

F.H. Elrod      Prin. Photo. Aid

March 1944

Elevations on Field Edit Sheet  
checked by:

date:



STATISTICS (III)

Land Area (Sq. Statute Miles): 39.9

Shoreline (More than 200 meters to opposite shore): 21 statute mi.

Shoreline (Less than 200 meters to opposite shore): 41 statute mi.

Number of Recoverable Topographic Stations established: 1

Number of Temporary Hydrographic Stations located by radial plot: 0

Leveling (to control contours) - miles:

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. 288A, 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 ~~1942~~ 1940 and ~~were published in 1945~~ 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. *in the case of T 5244 the previously compiled planimetric maps covered only the NW corner of the quadrangle.*

### 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~~ 1:20,000 scale 9 lens photographs by standard planetable methods.

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 ~~no~~-radial plot was made for this work, using the 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.

*Field work 1942 season*

DESCRIPTIVE REPORT TO ACCOMPANY  
T-8244  
MARYLAND  
WAR MAPPING PROJECT CS-288-A  
Wm. D. Patterson, Chief of Party

1. INSTRUCTIONS:

This work was executed under the Director's Instructions dated August 13, 1942, and Supplemental Instructions dated August 13, 1942.

2. GENERAL DESCRIPTION OF AREA:

This area is comprised of general rolling farm land with thick growths of young timber and brush on the abandoned farm land. There were sharp drops from the farming land into the drainages and a thick growth of impenetrable brush along the main drainages. There are large flat areas without natural drainage that are drained by shallow ditches.

3. ORGANIZATION OF WORK:

The survey operations on this quadrangle were undertaken in the following order:

- a - Supplementary levels.
- b - Field edit of areas below contour
- c - Field edit and contours above 20 foot elevation
- d - Bridge classification

Operations "a" and "c" were performed by two 4-man parties; operation "b" by a 2-man party, and operation "d" by a special 2-man party, due to the specialized nature of the work.

4. LEVELS:

Supplemental levels were run on this sheet by John R. Smith, Photogrammetric Aid, from July 29 to August 4, 1942.

These levels were controlled from Coast and Geodetic Survey, Geological Survey, and Army Engineers bench marks, and preceded levels mentioned in paragraph 13 of the instructions for this project which were run during the summer and fall of 1942.

A Wye level with 16 foot rods, graduated in feet and tenths was used. Elevations were used to the nearest tenth of a foot and estimated to the nearest hundredth. Elevations were taken along the centerline of all the principal roads at intervals of about one fourth mile at intersections with other roads, hedges, fences, and etc. These points were identified on a copy of the map assembly and furnished to the topographer for control of contours.



All supplemental level lines were closed except for a few spur lines of less than  $1\frac{1}{2}$  miles in length, and along roads where the 2nd order levels were to be later run. Level lines whose closure exceeded one foot were rerun, minor level lines (not used for the control of other lines) were not adjusted if the closing error was less than  $3/10$  foot. Temporary bench marks were set along the main level lines for the control of minor level lines. Elevations to the nearest  $1/10$  foot were furnished to the topographer. Level ties with the 2nd order unadjusted bench marks were made by John R. Smith, Photogrammetric Aid, August 27, 1942, after the supplemental levels had been run. There were no discrepancies in the supplemental levels over .20 foot.

Supplemental levels were run on nine lens photographs No. 4753, 4877 and 4878, to the limits of the present air photograph Survey as indicated by the Washington Office on a layout sheet. When the map assemblies were received it was found that this limit had been changed and that some 34.5 statute miles of levels were outside of the detailed area. These supplemental levels will be of value in 1943 when project 288-B is undertaken.

All supplemental level elevations were inked to the nearest foot previous to instructions to show them to the nearest  $1/10$  foot.

All level elevations were transferred to the sheet from 9 lens photographs by E. Earl Nugent, Rodman, and checked against the original records by Morris W. Burr, Assistant Engineering Aid.

5. CONTOURING:

This sheet was contoured by Morris W. Burr, Assistant Engineering Aid, August 10-28, 1942, but was not continuous.

The contouring was done directly on 1:20,000 scale nine lens photographs, Nos. 4753, 4877 and 4878, by standard planetable methods, except that planetable positions were located from detail shown on the photograph and orientation obtained along roads, ditches, etc. The 1:20,000 map assembly sheets were not available until after the area was contoured and some 22 square statute miles of contours fell outside the detailed area. This overlap was indicated by the Washington Office layout sheet as furnished to this party as having been detailed.

U. S. Geological quadrangle maps were also consulted, and where discrepancies existed they were noted in the field. Since the Geological Survey Quadrangle Maps were on a much smaller scale than the work on this project only a visual comparison was made. In general, the contours of the two surveys were in close agreement. The following are the larger discrepancies:

- (a) A depression 40' contour of about 40 acres at Latitude  $38^{\circ} 37'$  and Longitude  $75^{\circ} 55'$  was not shown on the Geological Survey Map.
- (b) A small closed 20' contour at Latitude  $38^{\circ} 35'$  and Longitude  $75^{\circ} 58'$  was also omitted by the Geological Survey.

The many fields of tall corn continually hampered the parties' progress, as did, also, the thick growth of brush along the drainage. Planetable elevations were taken in the open areas, and a hand level used in the areas covered by thick growth of vegetation. The clearing of lines of sight were held to a minimum.

Only about 1/4 of the elevations taken in the field were recorded on the photographs and have been inked in brown to the nearest foot; on the sheet. The elevations not shown were, in general, on or very close to the contour. All useful elevations have been inked on the sheet. They were transferred by E. Earl Nugent and checked by Morris W. Burr.

The contour was transferred to the 1:20,000 scale map assembly sheet by tracing paper and the transfer checked by Lieutenant E.L. Jones, on September 10, 1942. No difficulty was experienced in the transfer and it is thought it can best be done in the field by the topographer.

#### 6. FIELD EDIT

This sheet was field edited by Morris W. Burr, Ass't. Engineering Aid.

Most of the field edit information was obtained while contouring on the photographs. This information was later transferred and checked on the map assembly when they became available. Some additional field edit directly on the map assembly was found necessary.

All symbols used during the field edit are standard topographic symbols, except that a green X was used for deletions and a green tick mark was used to indicate the limits of deletions and also the change points in road classification. A list of abbreviations used during the field edit is contained in the back of this report.

#### A. BOUNDARIES:

The boundaries of the political districts were drawn on the sheet from maps furnished by the Washington Office, after they were verified locally.

The Secretary of the Election Board of Dorehester County, Mr. George O. Dashiell, furnished much useful information during the field verification of the boundaries. In places where the boundary did not follow roads or streams, it was necessary to contact local people.

B. BUILDINGS

All farm buildings except dwellings have been classified as "b" (barns). This includes large substantial sheds, chicken houses, and etc.

All buildings are shown in their relative size, except where individual buildings were so close that they could not be shown on this scale, in such cases the buildings were slightly reduced in size. ?

C. BRIDGES

Bridge classifications were made by C. C. Fryer, Senior Photogrammetric Aid, while operating as a special 2-man field party. The classifications are in accordance with the instructions from the War Department dated July 23, 1942. Only the weak culverts have been shown on the sheet and have been so labeled.

D. BENCH MARKS

All bench marks of the 1942 2nd order level lines have been shown on that portion of the sheet covered by detail. Descriptions for these bench marks are to be submitted by the 2nd order level party.

There are no tidal bench marks on this sheet.

E. FIELD CULTURE

All field culture, such as: wire fences, brush along fence lines, field ditches, and wagon tracks, have been deleted from the map manuscript. There were no stone fences on this sheet.

F. GEOGRAPHIC NAMES:

In accordance with the instructions, no special investigation of geographic names was made. However, the party was on the alert for name discrepancies and new names. None were found. L.A.

The roads on this sheet do not, in general, have local names. Only two such names are shown on the sheet.

G. DRAINAGE

Considerable discrepancies were found in the drainage shown on the map assemblies. There was a tendency to extend the streams out into open fields where not even the intermittent streams symbol could be used. The secondary and small drainage ditches were deleted.



H. SHORELINE

+ Docks of a temporary nature have been deleted on this sheet.

No shoreline changes were found.

I. POWER LINES

Power lines were treated in accordance with the standard Geological Survey practice, i.e. Only one power transmission line was shown, it being a submerged cable and its approaches.

Telephone lines were treated in accordance with the Supplemental Instructions from the Director, dated August 13, 1942.

The power line shown along State Highway No. 16 is a trunk transmission line carrying 44,000 volts.

J. ROADS:

All roads have been classified and shown in accordance with instructions from the Army War College dated January 12, 1942.

The State Highway approaching Secretary from the south is shown on the air photo survey as No. 342. This is now State Highway No. 14 and has been so shown on the map manuscript. ✓

K. WOODS:

The woods areas have been classified for concealment, type of trees, and density. A key of the classification is contained in the back of this report.

7. JUNCTIONS:

This sheet joins T-8251 on the north, and T-8243 on the west. The eastern and southern portion of this sheet will not be completed until additional air photograph surveys are made.

The contours and field edit with T-8243 are in agreement at the junction. The contours at the junction with T-8251 have been transferred to that sheet and a comparison made on sheet T-8251.

8. STATISTICS:

SUPPLEMENTAL LEVELS, statute miles .....	29.0
CONTOUR, Square statute miles .....	14.0
FIELD EDIT, Square statute miles .....	14.0

9. REMARKS:

The field work on this sheet is over one-half finished (some 22 square statute miles more than shown on the map manuscript). See photographs in this report on Levels and Contouring.

This sheet was inked by Morris W. Burr, Assistant Engineering Aid, and E. Earl Nugent, Rodman.

Submitted by

Morris W. Burr  
Assistant Engineering Aid

Field Supervisor

Edmund L. Jones  
Lieut. U. S. C. & G. S.

John P. Smith  
Engineering Aid.

Approved:

Wm. D. Patterson  
Wm. D. Patterson, Chief of Party

See next pages for report  
on the 1943 field work on this  
quad range



Field work 1943

DESCRIPTIVE REPORT TO ACCOMPANY  
QUADRANGLE T-8244  
PROJECT CS 288 A

Ray L. Schoppe, Comdr., Chief of Party

1. Description of the Area. This quadrangle embraces an area delineated on the north by north latitude  $38^{\circ}37'30''$ , on the south by north latitude  $38^{\circ}30'00''$ , on the east by  $75^{\circ}52'30''$ , and on the west by  $76^{\circ}00'00''$  west longitude. It lies in one of the characteristic low-lying sections of the Eastern Shore of Maryland. The drainage system is elaborate, including many man-made ditches aiding the small streams. The drainage is controlled by the main systems -- the Choptank River in the north, the Transquaking River in the southwest, and the Chicamacomico River in the southeast.

The area completed by this field party includes, roughly, the southern half of the quadrangle, as well as a narrow strip along the eastern limits. The field work for the remainder of the quadrangle was done in 1942 and a descriptive report submitted. This report is written to supplement and not to supersede the above mentioned report. Refer to the descriptive report of 1942 for details not found here.

This quadrangle is rural, containing many well kept farms; however, a number of small villages are scattered throughout. In this area they are, according to their size: East New Market, Secretary, Salem, Airey, Linkwood, Hicksburg, Hawkeye, and Gluckheim. The Cambridge Branch of the Delaware Railroad, a part of the Pennsylvania Railroad system, traverses this quadrangle, running from Cambridge in a northeasterly direction through the quadrangle to East New Market, and thence to Hurlock.

2. Completeness of Field Inspection. Since the area covered in this report had not been previously compiled, a thorough field inspection was made for the classification and clarification of detail. All roads, vegetation, culture, and drainage have been classified. Contouring is shown in green. Field inspection and drainage are shown in blue, except for the field inspection of East New Market (photograph ANJ 16-153) which is in black. Supplementary fly levels are shown in black. Elevations obtained by planetable methods are shown with a green "X" and the elevation written in green beside it.

3. Interpretation of the Photographs. The portion of the quadrangle involved is covered by single lens photographs and nine lens photographs on a scale of 1:20,000. These photographs were found to be clear, and with the notes which were added in the field, it is felt that no difficulty will be encountered in their interpretation.

4. Horizontal Control. All horizontal control needed for control was recovered by another party. Refer to their report, as well as to the descriptive report for the original planimetric maps.



5. Vertical Control. All supplemental level lines were run by C. B. Taylor, Jr., Junior Topographic Engineer, between U. S. Coast and Geodetic Survey and U. S. Geological Survey bench marks. All loops closed well within the allowable error and all elevations were adjusted.

6. Contours and Drainage. Sketching of the contours was done on single lens photographs, numbers ANJ 18-151, ANJ 18-153, ANJ 18-149, ANJ 16-149, ANJ 16-151, and ANJ 16-153; and on nine lens photographs numbers 4878, 12782, and 12783, by standard methods, using the standard U. S. Coast and Geodetic Survey planetable and alidade. Very few traverses, either by planetable or hand level, were necessary, except in heavily wooded areas.

The drainage system throughout the area is most elaborate, with man-made ditches aiding the many small streams and rivers. An effort was made to show the drainage pattern without showing all the smaller supplemental drains along field lines.

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. This work was completed in 1942. No new wharves or shoreline structures were noted in the area completed by this field party. 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. The Shiloh Lookout Tower, 128 feet high, maintained by the Maryland Department of Forests and Parks, was located by inspection on single lens photograph ANJ 18-151. Refer to descriptive report for original planimetric maps.

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

13. Landing Fields and Aeronautical Aids. The Shiloh Lookout Tower was located by inspection on single lens photograph ANJ 18-151. There are no landing fields in the portion of the quadrangle completed by this field party.

14. Road Classification. All roads in this portion of the quadrangle have been carefully classified according to instructions.

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

16. Buildings and Structures. All buildings and structures were identified and classified according to instructions.

17. Boundary Monuments and Lines. Political subdivisions, completed according to instructions, are shown on photographs 8813 and 4878.

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

19. Junctions. Satisfactory junctions were formed to the west and south. Field work is now progressing on quadrangle T-8251 to the north, and T-8245 to the east. Junctions with these quadrangles will be reported in the descriptive reports for these quadrangles.

20. Accuracy Tests. No vertical accuracy tests were made in this area. A horizontal accuracy test was run, and is available for test purposes. This has been previously submitted.

21. Data. Contouring for the area, field inspection, and supplementary fly levels are shown on single lens photographs, numbers ANJ 18-149, -151, -153; ANJ 16-149, -151, -153; and on nine lens photographs, numbers 4878, 12782, and 12783. Field inspection and supplementary fly levels are shown also on single lens photographs, numbers ANJ 16-81, -83, and ANJ 14-173. Supplementary fly levels are also shown on single lens photographs, numbers ANJ 16-152, -79, and ANJ 14-71. Political subdivisions are found on photographs 8813 and 4878. Bench marks for this portion of the quadrangle are shown on tracing paper print, photographs 12784 (forwarded with quadrangle T-8243), 12775 and 8796 (to be submitted with quadrangle T-8245).

Respectfully submitted:

*Joseph W. Brett*


Joseph W. Brett  
Engineering Aid  
December 27, 1943

Approved:

*Ray L. Schoppe*

Ray L. Schoppe  
Chief of Party

22. RECOVERABLE TOPOGRAPHIC STATION. With reference to paragraphs 11 and 13 of this report, it is evident that the Shiloh Lookout Tower is not an aeronautical aid, and it is thought that it is too far inland and the field party must have been in error in classifying it as a "Landmark". This tower should be investigated by the field edit party and it appears that it should be located for a recoverable topographic station and described on form 524 in accordance with paragraph No. 31 of the instructions of November 16, 1942 for War Mapping Project CS- 290 (Florida).

  
C. F. Chenworth  
Lieut. USC&GS

Approved:



Ray L. Schoppe  
Chief of Party



COMPILATION REPORT

To Accompany  
Sheet T-8244

*Yampa office*

26 CONTROL

Five triangulation stations fall on sheet T-8244. All five stations could be held consistently for control.

27 RADIAL PLOT

A discussion of the main radial plot is incorporated in the compilation report for sheet T-8252.

28 DETAILING

The single lens and nine lens photographs from which sheet T-8244 was detailed were fairly clear and of good scale. Field notes on the photographs and tracing paper print were complete; however, there were some discrepancies in the notes which are questioned on the discrepancy overlay. It has been understood that all drainage has been merely indicated and the draftsman has used his own judgment as to how it should be shown on the map drawing; but, only after a careful study of the field prints and office prints under the stereoscope. The northern part of T-8244 is a part of a former compilation and has been revised to conform with the recent field inspection; also, contours and elevations have been added. The shoreline on the old compilation has not been changed.

29 SUPPLEMENTAL DATA

No graphic control surveys by this bureau or maps and plans by other organizations were used to supplement the field inspection, photographs, and the field edit sheet.

34 LANDMARKS AND AIDS TO NAVIGATION

See descriptive report of original compilation.

35 HYDROGRAPHIC CONTROL

See descriptive report of original compilation.

36 LANDING FIELDS AND AERONAUTICAL AIDS

There are no landing fields or aeronautical aids within the boundaries of this sheet.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

Sheet T-8244 was compared with U.S. Geological Survey

quadrangle (Hurlock) scale 1:62,500, and no major changes in detail were noted.

45 COMPARISON WITH NAUTICAL CHARTS

Sheet T-8244 was compared with U.S. Coast & Geodetic Survey nautical chart no. 1225 scale 1:80,000 and no major discrepancies were noted.

Respectfully submitted,

*Marie R. Blake*  
Marie Rose Blake  
Asst. Engr. Draftsman

Forwarded by:

*4/7/44*

*L.W. Swanson*  
L.W. Swanson,  
~~Chief of Party.....~~

*Lead Comdr.*

23 CONTOUR JUNCTION

Where a contour junction could not be made between the single lens photographs and the nine lens photographs, it is recommended that the contours on the single lens be accepted as correct.



L. W. Swanson  
Lt. Comdr. U.S.C. & G.S.

FIELD EDIT REPORT  
QUADRANGLE T-8244  
PROJECT CS 288 RA  
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 photographs showing level elevations have not been received in this office, hence those photos, single lens, covering the northern portion of the sheet should be checked against the quadrangle in Washington.
6. CONTOURS & DRAINAGE: By visual means all contour discrepancies noted on the discrepancy overlay were investigated. It was found some were in error but still within the requirements of accuracy. In some cases the contours were exaggerated in order to give better contour expression.
7. thru 12. Items not applicable to that portion of the sheet field edited.
13. LANDING FIELDS & AERONAUTICAL AIDS: There were 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 issued from the army war college, dated Jan. 12, 1942.
15. BRIDGES: Bridge classifications were made in accordance with instructions from the army, dated July 20, 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 Dorchester County 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. *LA*
19. Although a rough inspection of the old planimetric area was made, (chiefly while investigating discrepancies on the discrepancy overlay), it is felt several, not too obvious discrepancies may have been missed. However it is believed these discrepancies can be corrected satisfactorily in the Washington office. All fence lines, hedges, short driveways, and unclassified structures should be deleted.

20. JUNCTIONS: The adjoining sheet to the west, 8243, was not available hence its junction with 8244 should be checked in the Washington office. Except for a swampy area along Middleton Branch the published quadrangle T-8107 formed a satisfactory junction with 8244.

46. METHODS: This quadrangle was field edited on the ozalid and later transferred to a duplicate ozalid in the office. 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 was used to show limits of deletion and points of change in road classification. The following color scheme was used.

Green -----Deletions  
Additions, classifications,  
names, notes, & elevations -----Black  
Water Culture -----Blue  
Political Subdivisions & boundaries-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 & Forwarded By

*F.L. Gallen*

F.L. Gallen,  
Chief of Party



GEOGRAPHIC NAMES

Survey No. T-8244

EAST NEW MARKET quadrangle

1 Name on Survey

	A	B	C	D	E	F	G	H	K
Maryland ✓	✓								1
Talbot County ✓	✓								2
Dorchester County ✓	✓								3
Trappe No. 3 ✓ (Talbot Co.)									4
Vienna No. 3 ✓ (Dorchester Co.)									5
Salem No. 17 ✓		"							6
Bucktown No. 13 ✓		"							7
Linkwood No. 14 ✓		"							8
East New Market No. 2 ✓		"							9
Hurlock No. 15 ✓		"							10
Pennsylvania R.R. (Cambridge Branch) ✓									11
Choptank River ✓									12
Transquaking River ✓									13
Chicamacomico River ✓									14
State Roads Nos. 14, 16, 244, 397, 307 ✓									15
U.S. No. 213: ?	There appears to be a real conflict. According to								16
or Md. No. 331 ?	Texaco and Rand McNally Road Maps (latest available)								17
	and State Transportation Map, U.S. 213 passes through								18
	Salem, Linkwood, etc, to Cambridge, and thence north-								19
	ward. The 1941 Md State Gazetteer (Md. Geol. Survey)								20
	and the Field Party's Name Sheet shows U.S. 213 as								21
	passing through Rhodesdale, Hurlock, Preston, Bethle-								22
	hem, etc in a northwesterly direction to join the								23
	other 213 north of Cambridge. On the three first								24
	named maps, this latter road is Md. 331.								25
	This conflict applies to T-8245/44, T-8251/52, and also								26
	to a little on T-8260 (listed there as Md. 331)								27
Md. 334	Md. Gazetteer shows Hixsburg on this road; perhaps an								28
	error for 344?								29
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Remarks

Decisions

	Remarks	Decisions
1		385758
2		"
3		"
4		386759
5		"
6		" USGB
7		"
8		"
9		"
10		"
11		"
12		"
13		"
14		385759 USGB
15		"
16		"
17		"
18		"
19		"
20		"
21		386759
22		386759
23		"
24		"
25		"
26		"
27		"



GEOGRAPHIC NAMES

Survey No. T-8244

2	Name on Survey	Sources										
		A	B	C	D	E	F	G	H	K		
		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			
✓	<u>Big Mill</u>	✓	?								1	
	<u>Forest Road</u>	✓									2	
✓	<u>Church of God Camp</u>	✓									3	
✓	<u>Cabin Creek</u>			(partly here)							4	
✓	<u>Warwick Road</u>										5	
✓	<u>Warwick River</u>										6	
✓	<u>Jamaica Point</u>										7	
✓	<u>Secretary</u>										8	
	<u>Secretary School</u>										9	
	<u>Secretary Methodist Church</u>										10	
	<u>Our Lady of Good Counsel R.C. Church</u>										11	
	<u>Christian &amp; Missionary Alliance Church</u>										12	
✓	<u>Hubbard</u>										13	
✓	<u>East New Market</u>										14	
	<u>East New Market School</u>										15	
	<u>East New Market Methodist Church</u>										16	
	<u>East New Market Baptist Church</u>										17	
✓	<u>Mt. Zion Methodist Church</u>										18	
✓	<u>Mt. Zion School</u>										19	
✓	<u>Salem Methodist Church</u>										20	
✓	<u>St. Stephens Church</u>										21	
✓	<u>Thompsontown</u>										22	
✓	<u>Thompsontown Road</u>										23	
	<u>Thompsontown Church</u>										24	
✓	<u>Hawkeye</u>										25	
✓	<u>Hawkeye Church</u>										26	
✓	<u>Rosedale Road</u>										27	

Remarks

	Remarks	Decisions
1		All names through line
2		23 on <del>385759</del> section
3		sheet.
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5		
6		(384759)
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# GEOGRAPHIC NAMES

Survey No. T-8244

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>Salem</u>																1
✓ <u>Salem Church</u>																2
✓ <u>Mt. Pleasant Church</u>																3
✓ <u>Drawbridge Road</u>																4
✓ <u>Middletown Road</u>																5
✓ <u>Middletown Branch</u>																6
✓ <u>Linkwood Road</u>																7
✓ <u>Linkwood</u>																8
✓ <u>Higgins Millpond</u>																9
✓ <u>Ross Creek</u>																10
✓ <u>Friendship Church</u>																11
✓ <u>Christ Methodist Church</u>																12
✓ <u>Airey</u>																13
✓ <u>Chateau Church</u>																14
✓ <u>Hicksburg</u>																15
✓ <u>Hicksburg School</u>																16
✓ <u>Cambridge Road</u>																17
✓ <u>Gluckheim</u>																18
✓ <u>Indian Creek</u>																19
✓ <u>Oystershell Point</u>																20
✓ <u>Goose Creek</u>																21
✓ <u>Goose Creek Road</u>																22
✓ <u>Goose Point</u>																23
																24
																25
																26
																27

Names underlined in red approved  
by H. Heck on 5/25/44

## 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-8244

EAST NEW MARKET 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 was found to be satisfactory. See the files in the Division of Photogrammetry.

No vertical accuracy tests were made 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.

~~For information concerning previous topographic surveys see the Descriptive Reports for T-5808 and T-5809.~~

*Since the area of this quadrangle which concerns the nautical charts was compiled from planimetric maps T-5808 and T-5809 no comparison with previous surveys was made during this review. Such a comparison was made in the review of <sup>T-5808 and T-5809</sup> Comparison with Nautical Charts Nos. 1225*

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:

Planimetric sheets T-5808 and T-5809 have been applied to chart #1225. There have been no changes, affecting this chart, made in the compilation of this 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 12, 1944 By William D. Harris  
under direction of D. H. Benson

Inspected by B. G. Jones B.G. Jones 3/46

Examined and approved:

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

~~Chief, Topography Section~~

Robert Whitney  
Chief, Div. of Charts  
Nautical Chart Branch

Raymond E. Spurr  
Chief, Div. of Coastal  
Surveys



