

Original

8270

0228
8270

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Air Photo Compilation
Field No.	Office No. T-8270
LOCALITY	
State	Maryland
General locality	Eastern Shore
Locality	Caroline County
1944	
CHIEF OF PARTY	
Ray L. Schoppe	- Field
L.W. Swanson	- Compilation
LIBRARY & ARCHIVES	
DATE	July 11, 1946

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
12741	1942		1:20 000	See report for original compilation.
12742	"			
12743	"			
12767	"			
12768	"			

Tide from (III): See report for previous compilation

Mean Range: Spring Range: See report for previous compilation.

See report for previous compilation.

Camera: (Kind or source)

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

Field Inspection by:

A.W.P. Rogers

date:

Sept - Oct 1943

Field Edit by:

A.W.P. Rogers

date:

Sept. - Oct. 1943

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

Projection and Grids ruled by (III)

date: June, 1943

Washington Office

" " "

checked by: Washington Office

date: June, 1943

Control plotted by: E.C. Andrews-Photogrammetric Aid.

date: Oct 7, 1943

Control checked by: V.F. Simmons - Sr. Photo Aid.

date: Oct 8, 1943

Radial Plot by:

Tampa Office Personnel

date: Oct 20, 1943

Nov., 1943

Detailed by: Betty R. Finch - Jr. Engr Draftsman

date: Mar., 1944

Reviewed in compilation office by: A.L. Kidwell,

date: Mar., 1944

Jr. Engr.

Elevations on Field Edit Sheet

checked by: M V Parker

date: 5/12/44

DATA RECORD

T- 8270

Quadrangle (II): Denton

Project No. (II): CS 288-A

Field Office:
War Mapping Field Party "2Chief of Party:
R. L. SchoppeCompilation Office:
Tampa, FloridaChief of Party:
L. W. SwansonInstructions dated (II III):
Nov. 16, 1942Copy filed in Descriptive
Report No. T- (VI)

Completed survey received in office: 4/4/44

Reported to Nautical Chart Section: 4/5/44

Reviewed: 5/13/44 Applied to chart No. Date:

Redrafting Completed: 6/21/44

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.

Reference Station (III):Denton, 1934

Lat.: 38 53 00. 723 (22.3m) Long.: 75 49 10. 200 (245.9M) Adjusted
~~Unadjusted~~State Plane Coordinates (VI): *Maryland Single Zone*

X = 1,136,037.82

Y = 384,631.94

Military Grid Zone (VI) *A*

STATISTICS (III)

Land Area (Sq. Statute Miles): 59.4

Shoreline (More than 200 meters to opposite shore): 4.6

Shoreline (Less than 200 meters to opposite shore): 25.3

Number of Recoverable Topographic Stations established:

Number of Temporary Hydrographic Stations located by radial plot:

Leveling (to control contours) - miles: 149.6

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 and were published in 1942 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.

*75814
T5817

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~~ 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-8270
Project CS 288 A
Ray L. Schoppe, Comdr., Chief of Party

1. Description of the Area. Quadrangle T-8270 embraces an area which is delineated on the north by $39^{\circ}00'00''$ north latitude, on the east by $75^{\circ}45'00''$ west longitude, on the south by $38^{\circ}52'30''$ north latitude, and on the west by $75^{\circ}52'30''$ west longitude. The quadrangle lies entirely within Caroline County, Maryland.

This quadrangle ranges in elevation from approximately 65 feet above sea level along the eastern and western limits to about sea level along the Choptank River, which flows from north to south nearly dividing the quadrangle into halves. Numerous marshy areas are found along the Choptank River, and also some bluffs.

Numerous isolated 60-foot contours, and a number of 60-foot depression contours, occur along the eastern and western boundaries of the quadrangle, where the topography becomes flat to rolling.

The quadrangle as a whole is devoted to agricultural pursuits: farming, dairying, and truck gardening. A number of canning factories are found in and near Denton and Greensboro -- the only two towns located in the quadrangle.

Practically all the wooded areas, deciduous and evergreen, are confined to the Choptank River and its tributaries. The largest in extent lies to the east of the Choptank River south of Greensboro, a portion of which was recently burned, and consequently loses its original classification, and should be deleted. This area has been approximated and enclosed with a dotted green line on the compilation.

The Choptank River system controls the drainage of the entire quadrangle.

2. Completeness of Field Inspection. About $24\frac{1}{2}$ square miles of the quadrangle (approximately the eastern half) was field inspected. A careful and thorough field inspection was made on photographs Nos. 12741, 12742, 12743.

3. Interpretation of the Photographs. The dark wooded areas are usually found to be evergreen while the lighter shaded wooded areas are deciduous. Dark colored fields are usually pastures and the lighter shaded fields are cultivated. All macadam roads appear as dark lines, and the dirt roads show as white lines. Marshy areas appear as light gray.

4. Horizontal Control. All control in this quadrangle needed to complete the radial plot has been recovered by another party. Re-

fer to their report, as well as to the report for the original planimetric maps.

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5. Vertical Control. The vertical control for the planetable work included U. S. Coast and Geodetic Survey bench marks, U. S. Geological Survey bench marks, and supplementary level lines established by M. A. Stewart, Photogrammetric Aid. The supplemental elevations were established at easily recognized points such as road intersections, fence lines along roads, on bridges and culverts, etc. All elevations were adjusted. A total of 149.6 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 (except in the area of Denton which was contoured on the compilation) by standard methods using the standard U. S. Coast and Geodetic Survey planetable and alidade. In the large wooded areas where there were trails, a planetable traverse was run, with vertical and horizontal closure well within the prescribed limits of accuracy. Where there were no trails, hand level-pace traverses were used to locate the contours and drainage. All drainage is shown on the photographs.

There were two large closures of planetable traverses between vertical points, due to erroneous placement of these points on the photographs in the supplemental lines of levels. One was 4.2 feet high, and the other was 4.0 feet high. The points were checked by planetable traverse with the same line of levels from both sides, until the errors were found. The line of levels was not in error, but the points were incorrectly spotted. Contours affected have been properly adjusted.

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. All wharves and shoreline structures were shown on the compilation. No additions or deletions have been made.

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

11. Landmarks and Aids to Navigation. There is only one beacon in this quadrangle. It is located approximately 0.6 miles south of the Denton bridge on the Choptank River. This was located by planetable methods on photograph No. 12769. Form 567 should be completed for this beacon after it is compiled. *Filed under Chart Letter 267, 1944*

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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 limits of this quadrangle.

14. Road Classification. The road classification is complete. All roads were 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. The buildings and structures have been classified and named, and all new buildings which should be shown on the final map have been added to the compilation or blocked in on the aerial photographs. The public buildings in towns have been indicated and named, as well as the churches, schools and stores in rural areas.

One mile northeast of Denton is located "The Holiness Camp Meeting Site" (see photograph No. 12741). This area is blocked off in red. The main tabernacle structure, an open affair, is surrounded by 48 summer cottages used about two weeks of each summer and should not be classified as dwellings because of their temporary structure.

17. Boundary Monuments and Lines. Political boundaries and incorporated city limits have been indicated. This work was done in accordance with instructions by C. C. Fryer, Junior Topographic Engineer.

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

19. Junctions. Satisfactory junctions were made with quadrangle T-8269 to the west and T-8261 to the south. The field work on quadrangle T-8276 is now in progress and these junctions will be reported in the descriptive report for that quadrangle. Only a visual examination of the junctions with the U. S. Geological Survey's work to the east was made. These junctions checked within the limits.

46. Methods. All field edit for the classification and clarification of detail on the compilation and the photographs has been completed for the western half of this quadrangle. The eastern half was field inspected. The field edit includes the location and identification of such features as buildings, roads, schools, churches, postoffices, etc. The names of the churches and schools have all been investigated and are included on the compilation and photographs. All

roads and highways have been classified.

47. Adequacy of the Compilation. The compilation was found to be complete and adequate except for known deficiencies, such as the classification of roads, buildings, bridges, woods, and political subdivisions. A few additions and deletions have been made.

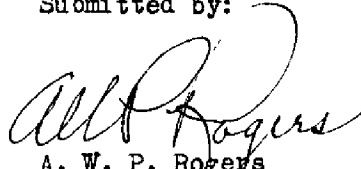
48. Accuracy Tests. For the vertical accuracy test, refer to the descriptive report for quadrangle T-8276, which will be forwarded later.

A third order traverse is available for test purposes on the undomplied area and has been forwarded to the Washington Office. Refer to the descriptive report for quadrangle T-8260 for the horizontal accuracy test on that part of the quadrangle which is compiled.
~~Comparisons have not yet been made for the horizontal accuracy test.~~ M.V.P.
 5/12/44

49. Data. Contouring and field inspection are shown on photographs Nos. 12767, 12768, 12769, 12741, 12742, and 12743. The latter photograph will be forwarded with quadrangle T-8276. Supplementary levels and bench marks are shown on a tracing paper print and photographs Nos. 4866 and 4767. The latter photograph will be forwarded with quadrangle T-8261. Field edit is shown on a chart paper print and also the contouring of Denton and West Denton is shown on this print. A beacon in the Choptank River is shown on photograph No. 12769. Political boundaries are shown on a chart paper print and photograph No. 12742. Bridges are shown on another chart paper print and photographs Nos. 12740, which will be forwarded with quadrangle T-8261, and 4865.

Form 567, Aid to Navigation, should be submitted for the above mentioned beacon when radially plotted.

Submitted by:



A. W. P. Rogers
 Photo. Aid
 December 8, 1943

Approved:



Ray L. Schoppe
 Chief of Party

COMPILATION REPORT
To Accompany
Sheet T-8270

26 CONTROL

There were seven triangulation stations recovered within the limits of the compilation. All of these were held in the radial plot except for "Denton Water Tank, ¹⁹³⁴1344". This tank has apparently been moved since 1934. *Denton Water Tank 1934 was picked + radially plotted on the Photos in its new position & is shown on the map as a Topo Sta.*

27 RADIAL PLOT

A discussion of the radial plot of which this sheet is a part is included in the descriptive report for Sheet T-8252.

28 DETAILING

The photographs from which this sheet was detailed were clear and the scale was satisfactory.

The field inspection was adequate except for the discrepancies and omissions noted on the discrepancy overlay. These discrepancies consisted mainly in a difference of buildings shown on the field edit sheet and the field prints. In a large number of places the drainage was merely indicated by the field inspector and it was necessary for the compiler to delineate it accurately under the stereoscope.

Approximately half of the sheet was done originally at a scale of 1:10,000 and was furnished to this office in the form of a red line print. The original detail was apparently accurate except in the extreme northwest corner along the junction with Sheet T-8269. Here some points were cut in and part of the detail moved up to ten meters.

29 SUPPLEMENTAL DATA

No supplemental data was available for use in detailing the sheet.

34 LANDMARKS AND AIDS TO NAVIGATION

One aid to navigation is located on the Choptank River below Denton. This was scaled and is submitted on form 567. The name of the beacon was erroneously shown on the field print and the compilation as "Black Beacon #65" and should be changed to "Choptank River Beacon #65" to agree with the official light list name.

36 LANDING FIELDS AND AERONAUTICAL AIDS

No landing fields or aeronautical aids are located within the limits of the sheet.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

This sheet was compared with the Denton Qusdrangle Map published by the U.S. Geological Survey in 1905. No major discrepancies were noted.

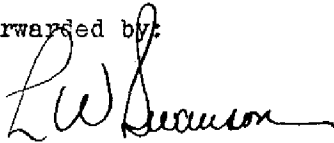
45 COMPARISON WITH NAUTICAL CHARTS

The sheet compared favorably with nautical Chart 1225, scale 1:80,000 (published July, 1935).

Respectfully submitted,

Betty R. Finch
Betty R. Finch
Jr. Engr. Draftsman

Forwarded by:



L.W. Swanson,
Lieut. Comdr.

FIELD EDIT REPORT
QUADRANGLE T-8270
PROJECT CS 288 B

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. Photographs showing level elevations were not received in this office hence all level elevations should be checked in the Washington office. All bench marks have been checked by the field edit party
6. CONTOURS & DRAINAGE: Discrepancies noted on the discrepancy overlay have been investigated and corrected where necessary.
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 from the War Dept. 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: See field inspection report.
18. GEOGRAPHIC NAMES: This has been a subject of a separate report. ~~18~~
19. JUNCTIONS: The adjoining sheet to the west, 8269, was not available hence its junction with 8270 should be checked in the Washington office.
20. 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 believed these discrepancies can be corrected satisfactorily in the Washington office. All fence lines, hedges, short driveways, and unclassified structures should be deleted.

46. METHODS: This quadrangle was field edited on an ozalid and later transferred in the office to a duplicate ozalid. 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.

Deletions -----Green
Additions, classifications, names,
notes, and elevations -----Black
Water Culture -----Blue

47. ADEQUACY OF COMPILATION: The compilation of this sheet was complete and adequate.

48. ACCURACY TESTS: See field inspection report.

Submitted By;

Wendell Bever

Wendell Bever
Jr. Topo. Engr.

Approved & Forwarded;

F. L. Gallen

F. L. Gallen,
Chief of Party

DEPARTMENT OF COMMERCE
 U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS
 Tampa Photogrammetric Office
 Tampa, Florida

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

Sailed By: B.R.F.
 Checked By: M.E.
 March 17, 1944

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks, be charted on ~~(the best known)~~ the charts indicated.
 The positions given have been checked after listing.

Filed under Chart Letter 267
 1944
 Ray L. Schnoppe
 Chief of Party

GENERAL LOCALITY	NAME AND DESCRIPTION	LATITUDE		LONGITUDE		DATUM	METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
		0	1	D. M. METERS	0							
Caroline County, Md. Choptank River	Choptank River Beacon 65	38	52	1382	75	50	360	N.A. 1927	Plane Table	Dec. 1943	x	1225

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

	Remarks	Decisions
1		USGB
2		
3		Md. Geol. Surv. Map of Caroline Co.
4		"
5		"
6		"
7		Railway Guide
8		"
9		
10		Road Maps and Md. Gaz. (1941)
11		
12		
13		388757
14		388758
15		"
16		"
17		"
18		"
19		"
20		389758
21		"
22	Pending with USGB	"
23		"
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8270

I	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>Maryland</u>	✓															1
	<u>Caroline County</u>	✓															2
	<u>Denton No. 3</u>	✓															3
	<u>Hillsboro No. 6</u>	✓															4
	<u>Ridgely No. 7</u>	✓															5
	<u>Greensboro No. 2</u>																6
	<u>Pennsylvania R. R. (Oxford Branch)</u>	✓															7
	<u>Baltimore and Eastern R.R.</u>	✓															8
	<u>Choptank River</u>	✓															9
	<u>State Roads Nos. 313, 314, 315, 317, 404, 480, 457</u>																10
	<u>State Road. No. 474 (not found except in Md. Geol. Survey 1941 Gazetteer, as leading into or out of Denton)</u>																11
																	12
	<u>Anthony</u>	✓															13
	<u>Watts Creek</u>	✓															14
	<u>Denton</u>	✓															15
	<u>Denton-Burrsville Road</u>	✓															16
	<u>West Denton</u>	✓															17
	<u>Society of Friends Quaker Church</u>	✓															18
	<u>Hillsboro-Denton Road</u>	✓															19
	<u>River Road</u>	✓															20
	<u>Tuckahoe</u>	✓															21
	<u>Brick Wall Landing</u>	✓															22
	<u>Boonsboro</u>	✓															23
	<u>Forge Branch</u>	✓															24
	<u>Oakland</u>	✓															25
	<u>Greensboro</u>	✓															26
	<u>Tubmill Branch</u>	✓															27

Remarks

Decisions

	Remarks	Decisions
1		389758
2		"
3		"
4		"
5		"
6		"
7		"
8		389757
9		"
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19		
20		
21		
22		
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES

Survey No. T-8270

2	Name on Survey	Sources											
		A	B	C	D	E	F	G	H	K			
	<u>Spring Branch</u>	✓											1
	<u>Denton-Greensboro Road</u>	✓											2
	<u>Passapae Landing</u>	✓											3
	<u>Smith Landing</u>	✓											4
	<u>Chapel Branch</u>	✓											5
	<u>Piney Methodist Church</u>	✓											6
	<u>Adams Landing Road</u>	✓											7
	<u>Garland Lake</u>	✓											8
	<u>Garland Lake Road</u>	✓											9
	<u>Chapel Bridge</u>	✓											10
	<u>Burrsville Road</u>	✓											11
	<u>Whitelaysburg Road</u>	✓											12
	<u>Little Gravelly Branch</u>	✓											13
	<u>Boyce Mill Road</u>	✓											14
	<u>Gravelly Branch</u>	✓											15
	<u>Sewell Mills</u>	✓											16
	<u>Four Corners</u>	✓											17
	<u>Three Corners</u>	✓											18
													19
													20
													21
													22
													23
													24
													25
													26
													27

Names underlined in red approved
by Le Heck on 5/24/44

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 - red-line print.

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- 8270

DENTON 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 quadrangle T-8260.

The nearest vertical accuracy test was run in quad range T-8276.

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.~~

*See T- Refer to descriptive reports for
Planimetric maps T5814 and T5817
for comparison with the previous surveys in
this area.*

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:

The details of T-8270 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 May 13, 1944 By M. V. Parker
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 W. Knox
Chief, Div. of Charts
Nautical Chart Branch

Raymond E. Gorman
Chief, Div. of Coastal
Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. 7-8270

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
1-31-49 ¹	552	<i>W. J. Anderson</i>	Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
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			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.