

original

8251

8251

ON
Diag. Ch. 77-4

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey <u>Air Photo Compilation</u>	
Field No.	Office No. <u>T-8251</u>
LOCALITY	
State	<u>Maryland</u>
General locality	<u>Maryland East Shore</u>
Locality	<u>Preston</u>
<u>1944</u>	
CHIEF OF PARTY	
<u>Comdr. Ray L. Schoppe</u>	
LIBRARY & ARCHIVES	
DATE	<u>May 28, 1946</u>

DATA RECORD

T-8251

Quadrangle (II): PRESTON

Project No. (II): CS 288-A

Field Office: ~~Tampa, Florida~~ Chief of Party: Ray L. Schoppe

Compilation Office: Tampa, Fla Chief of Party: Ray L. Schoppe

Instructions dated (II III): 5/13/43 Copy filed in Descriptive
Report No. T- (VI)

Completed survey received in office: 5/6/44

Reported to Nautical Chart Section: 5/7/44

Reviewed: 6/3/44 Applied to chart No. Date:

Redrafting Completed: 8/5/44

Registered: 4/17/46 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): Water Tank, Preston, 1934

Lat. $38^{\circ}42'45.550''$ (1404.6M) Long. $75^{\circ}54'35.952''$ (868.6M). Adjusted ✓
~~XXXXXXXXXX~~

State Plane Coordinates (VI): MP SING ZONE

X = 1,111,024.47

Y = 322,083.53

Military Grid Zone (VI) A

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
nine lens:				
4787 to 4790	3/40		1:10,000	Inshore Sheet
4875 to 4877	6/43		1:20,000	
Single lens:--				
10-18 to 10-24	} 1942		1:20,000	
10-154 to 10-156			"	
18-146 to 18-148			"	
54-21 to 54-26			"	

Tide from (III): --

Mean Range: --

Spring Range: --

Camera: (Kind or source) Single lens & U.S.C. & G.S. 9 lens

Contours and
Field Inspection by: Joseph W. Brett date: Nov-Dec-'43

Field Edit by: Joseph W. Brett date: Nov. -Dec. '43

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

Projection and Grids ruled by (III) Wash. Office date:

" " " checked by: " " date:

Control plotted by: W. E. Snyder date: Oct. 1943

Control checked by: S. C. Jaspan date: Oct. 1943

Radial Plot by: Tampa Office Personnel date: Mar. 1944

Detailed by: Marie R. Blake date: Jan-Apr-'44

Reviewed in compilation office by: F. H. Elrod date: Apr. 1944

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

STATISTICS (III)

Land Area (Sq. Statute Miles): 19 (New Mapping)

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

Shoreline (Less than 200 meters to opposite shore): 11

Number of Recoverable Topographic Stations established: --

Number of Temporary Hydrographic Stations located by radial plot: --

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. 288, 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 1943 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 by planetable.

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. AHS radial plot was made for this work, using the red-line print as a base. See #27 in the Compilation Report inclosed in this Descriptive Report.

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-8251
Project GS 288 A
Ray L. Schoppe, Comdr., Chief of Party

1. Description of the Area. Quadrangle T-8251 is bounded on the north by latitude $38^{\circ}45'$, on the east by longitude $76^{\circ}52'30''$ and on the south by $38^{\circ}37'30''$, and on the west by longitude $76^{\circ}00'$. Within the quadrangle, the main drainage consists of the Choptank River, which flows from the northwest corner along the western border, thence east to the center, and south through the southwest corner; Skeleton Creek, Marsh Creek, Hunting Creek, Blinkhorn Creek and Cabin Creek, all of which flow from the east into the Choptank River. The drainage is clogged with thick growths of underbrush, and is bordered by a tree line.

Most of the cleared land is under cultivation, and the wooded sections have for the most part been cut over and replanted in both deciduous and evergreen. The following communities, listed according to size, fall within the limits of this quadrangle: Preston, Choptank, Cabin Creek, Bethlehem, Bruceville, Windyhill, Ellwood, Beulah, and Linchester.

The Cambridge branch of the Delaware Railroad ends within the town of Preston, the rest of the right-of-way having been abandoned north and west to the Choptank River.

2. Completeness of Field Inspection. Field inspection was completed on nine lens photographs 4875, 4876, 4877, 12774, and single lens photograph ANJ 18-148. Part of this quadrangle had been compiled, and the remaining area was field inspected by the field party. All distinctive buildings were noted, culture identified, roads classified according to instructions.

3. Interpretation of the Photographs. For the most part, the photographs were found to be light and clear.

4. Horizontal Control. All necessary horizontal control had been previously identified.

5. Vertical Control. Supplemental level loops to provide vertical control for the planetable party were established by C. B. Taylor, Jr. Topo. Engr., and party, using Wye level. Supplemental loops originated from bench marks established by the U. S. Coast and Geodetic Survey along the now abandoned right-of-way of the Baltimore, Chesapeake and Atlantic railroad, and along Maryland State Highway #16. These marks are of second order accuracy. A majority of the loops were established during the summer of 1942, and only the completion of leveling on the quadrangle was done during the summer of 1943.

8

Loops originated at bench marks along highways and county roads, and elevations were set, a number of which are on stakes driven flush with the ground, at definite points in the field. The points are clear enough to be relocated on the photographs or on the compilation by a contour party. Elevations have been established on the center line intersections of roads with farm roads, fence lines, tree lines, and a few culverts, as these points formed a more permanent and definite location for an elevation. Loops were run to a limit of closure of 0.50 foot. Any loop with an error greater than the allowable, was rerun until a satisfactory closure was obtained. All errors in closure have been adjusted. The adjustment of points was made by spreading the error over the number of turning points involved in the loop. On this quadrangle, all loops closed within the allowable error.

6. Contours and Drainage. The contouring was done by standard U. S. Coast and Geodetic Survey planetable methods. A few hand level traverses through woods and to drains were used to control the contours. All traverses closed within the required limits of accuracy.

Contouring was accomplished on the photographs noted in item 2, and inked in green. Contours shown in brown on photograph 4877 were completed in 1942, and checked by this field party. Most of the contouring shown on photograph ANJ 18-148 is used for junction purposes on this quadrangle; practically all of this contouring falls within the limits of quadrangle T-8244.

In most instances the contours followed closely the main drainage pattern. The use of topographic expression in crossing many field drains shows the flatness of the country contoured. There are many man-made drains aiding the main systems mentioned in item 1.

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. No changes were noted during the contouring and field inspection.

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. No landmarks or aids to navigation were noted by this field party.

12. Hydrographic Control. Previously identified and shown on red line print of this quadrangle.

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

14. Road Classification. The hard surfaced roads throughout the quadrangle were classified as road 2. All other roads serving this area are classified as roads 3 and 4, and are shown in blue on the compilation and photographs.

15. Bridge Classification. Bridges were classified according to instructions by C. C. Fryer, Jr. Topo. Engr.

16. Buildings and Structures. All buildings and structures have been identified and shown on the photographs and compilation. The buildings in Preston have been encircled in blue to aid in their identification.

17. Boundary Monuments and Lines. County and precinct boundary lines are shown on the compilation and photographs. There is some question as to the completeness of the precinct boundary lines, and this should be checked during the field edit.
Precinct boundaries have been completed in joining with other sheets

18. Geographic Names. This will be the subject of a special report by J. W. Stingley, Jr. Topo. Engr. LA.

19. Junctions. Junctions with quadrangle T-8244 to the south, T-8260 to the north, and T-8252 to the west were checked satisfactorily in the field. To the west, the quadrangle junctions with quadrangle T-8250 (Trappe, Md. quadrangle), completed by the U. S. Coast and Geodetic Survey in 1942, and the boundary checked satisfactorily. see report on review

46. Methods. The field edit of that portion of the quadrangle which had been compiled was accomplished on the compilation, except that the drainage is shown on photographs, in order to avoid duplication of work. Classification of culture is in black on the compilation, and in blue on the photographs. Drainage symbols are in blue, and deletions marked by "E". The field edit of this compilation is not complete, and the entire quadrangle should be checked during future field edit.

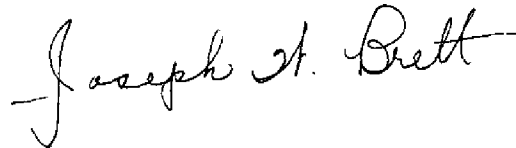
47. Adequacy of the Compilation. That portion of the compilation which was completed was found to be satisfactory, no major discrepancies having been found.

48. Accuracy Tests. A vertical accuracy test was run on this quadrangle at latitude $38^{\circ}39'$ and longitude $75^{\circ}54.6'$ on Dec. 2, 1943, by Charles Hanavich, Prin. Photo. Aid. A portion of a 40-foot contour was tested -- this method was used as this area has little relief. The accuracy of the 40-foot field contour was found to be within the requirements of the instructions. This accuracy test is shown in yellow on photograph 4877.

For horizontal accuracy test, refer to those made on quadrangles T-8250 and T-8245.

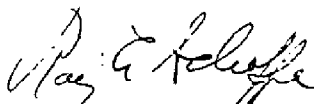
49. Data. Contours are shown on 1:20,000 scale photographs, 4875, 4876, 4877, 12774, and ANJ 18-148. (The latter is a single lens photograph; the others listed are nine lens). Field inspection is shown on the same photographs, and field edit appears on the cloth backed red line print. Fly levels are shown on tracing paper print and on photographs No. 4878, 4875, 4877, and 4876. Political boundaries are shown on cloth-backed print, and on photographs 12774 and 12775. Bridges are classified on tracing paper print and on photographs 12772, 12774 and 12775, etc.

Submitted by:



Joseph W. Brett
Engr. Aid
January 18, 1944

Approved:



Ray L. Schoppe
Chief of Party

COMPILATION REPORT
To Accompany
SHEET NO. T-8251

26. CONTROL

Three triangulation stations fall within the tracing limits of the sheet. All these could be held to in the radial plot.

27. MAIN RADIAL PLOT

Most of the sheet was previously compiled but a radial plot had to be run to cover approximately 19 square miles along the eastern border. This plot was run directly on the sheet by using nine lens photographs on 1:10,000 and 1:20,000 scales and single lens photographs on a 1:20,000 scale. Radial plots transferred from Sheet T-8252 to the east and were used for control in conjunction with the triangulation stations and points on the older detail which appeared to be good. Although considerable time was spent on this plot, no great difficulty was experienced.

28. DETAILING

Single and nine lens photographs which were clear and of good scale were used in the detailing. The previously compiled area was corrected and added to from field edit notes recorded on a paper red-line print.

Approximately 5 square miles of the older compilation were found to be in slight error due to being on the outer edge of the previous plot where points were evidently weak. This area was revised to agree with the newer plot and detailed area.

No unusual topographic features were noted on the compilation and no difficulty was experienced in the detailing.

Discrepancies to be investigated by the field edit party are shown on an overlay accompanying the sheet.

Field inspection was adequate for detailing.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

In comparing the sheet with the U. S. Geological Survey Quadrangle of the area, quite a number of small discrepancies of an unimportant nature were noted, but the information is shown on the newer compilation should supersede that on the Geological Survey Map as the latter was made from surveys run in 1900-04.

45. COMPARISON WITH NAUTICAL CHARTS

A comparison with U. S. C. & G. S. Chart No. 1225, (published August, 1938 on a scale of 1:80,000), showed no discrepancies of any importance noticeable to the eye. However, the shoreline as shown on T-8251 should supersede that on the chart.

Respectfully submitted,

Marie R. Blake

Marie R. Blake,
Asst. Engr. Draftsman

Forwarded by,

Ray L. Schoppe
Ray L. Schoppe,
Chief of Party.

FIELD EDIT REPORT
QUADRANGLE T-8251
PROJECT CS 288 A
F. L. Gallen, Chief of Party

1. DESCRIPTION OF AREA: See field inspection report.
2. COMPLETENESS OF FIELD INSPECTION: See field inspection report.
3. INTERPRETATION OF THE PHOTOGRAPHS: See field inspection report.
4. HORIZONTAL CONTROL: See compilation report, item 26.
5. VERTICAL CONTROL: See field inspection report. All bench marks have been checked and verified by the field edit party. All level elevations should be checked in the Washington office.
6. CONTOURS & DRAINAGE: In the vicinity of lat 38 45 Long 75 58 the contour ends should be sketched to the edge of the quadrangle to make suitable junction with sheet 8260. This will not cause any error to amount to more than three feet.
While investigating drainage discrepancies it was found many of those streams noted on the discrepancy overlay should be deleted rather than shown. It was found the upper reaches of these small streams do not follow a regular drainage course but arise from indefinite low areas.
7. thru 12. See report for original planimetric maps.
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 War Dept., dated July 23, 1942, and have been shown in key on the sheet by C.C. Fryer, Junior Topographic Engineer. One bridge was classified by the field edit party.
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: See special report, Geographic Name Report?
LH

18. con't

As noted on the discrepancy overlay the location of the Geographic name, "COOK", was investigated with the following results. It was found to be the name of the original landowner of a prominent farm along the Choptank River. This farm is now known as the Englemann farm. The name Cook has falling into discard and does not indicate any particular landmark. A good deal of time was required to find a local resident who knew of this name hence it could not be considered well-known or in common usage. This party recommends the name be deleted from the Geographic Name list.

19. A close check of the old planimetry should be made during the office review.

46. ~~WEST~~ ODS: This quadrangle was field edited on an 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.

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 with almost no additions, classifications, or deletions necessary.

48. ACCURACY TESTS: See field inspection report.

Submitted By:

Wendell Bever
Wendell Bever

Approved & Forwarded By:

F. L. Gallen
F. L. Gallen
Chief of Party

Remarks.

Decisions

1		USGB
2		
3		
4		
5		Md. Geol. Survey County
6		Maps
7		"
8		"
9		"
10		Railway Guide
11		"
12		
13		Road Maps
14		
15		"
16		
17		386758
18		"
19		"
20		"
21		"
22		"
23		387659
24		387758
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-3251

PRESTON quadrangle
1 Name on Survey

		A	B	C	D	E	F	G	H	K	
		/	/	/	/	/	/	/	/	/	/
Maryland	/	✓									1
Dorchester County	/	✓									2
Caroline County	/	✓									3
Talbot County	/	✓									4
East New Market No. 2	/	✓		(Dorch. Co.)							5
Harlock No. 15	/	✓		"							6
Preston No. 4	/	✓		(Car. Co.)							7
Trappe No. 3	/	✓		(Talbot Co.)							8
Easton No. 1	/	✓		"	: small area to north						9
Pennsylvania R.R. (Cambridge branch):	/	✓			a very short section	not	enough	to label			10
Baltimore & Eastern R.R.	/	✓									11
Choptank River	/	✓									12
U.S. 213/ Md. 331:	/	✓		same question here as on adjoining quads.	latest						13
	/	✓		road maps show U.S. 213 as to westward, passing							14
	/	✓		through Cambridge							14
Md. Nos. 16, 319, 321, 578	/	✓		(a small section of last, to NE from							15
	/	✓		Bethlehem)							16
Washington Church	/	✓									17
Beulah	/	✓									18
Ellwood	/	✓									19
New Zion Church	/	✓									20
Church of God Camp Ground	/	✓									21
Johns Methodist Church	/	✓									22
Linchester	/	✓									23
Jonestown	/	✓									24
Jonestown School	/	✓									25
Coppins Chapel	/	✓									26
Grove	/	✓									27

Remarks.

Decisions

	Remarks.	Decisions
1		387758
2		"
3		"
4		387759
5		"
6		"
7		"
8		"
9		"
10		"
11		"
12		"
13		386759
14		"
15		"
16		"
17		"
18		" USGB
19		"
20		"
21		"
22		"
23		"
24		"
25		"
26		" USGB
27		"

GEOGRAPHIC NAMES

Survey No. T-8251

2	Name on Survey	Sources											
		A	B	C	D	E	F	G	H	K			
	Grove Methodist Church												1
	Friendship Road	✓	✓	(only a small section near Grove									2
	Grove Road	✓	✓										3
	Preston	✓	✓										4
	Bethlehem		✓										5
	Bethlehem Methodist Church		✓										6
	Holland Chapel		✓										7
	Mt. Zion Methodist Church		✓										8
	Cedar Lane Road	✓	✓										9
	Little Creek	✓	✓										10
	Frazier Neck	✓	✓										11
	Frazier Neck Road	✓	✓										12
	Skeleton Creek	✓	✓										13
	Marsh Creek Road	✓	✓										14
	Choptank Road	✓	✓										15
	Back Landing Road	✓	✓										16
	Hunting Creek	✓	✓										17
	Wright Wharf	✓	✓										18
	Wright Wharf Road	✓	✓										19
	Choptank		✓										20
	Choptank Methodist Church		✓										21
	Marsh Creek		✓										22
	Little Marsh Creek	✓	✓										23
	Poplar Point	✓	✓										24
	Frazier Point	✓	✓										25
	Lloyd Landing	✓	✓										26
	Miles Creek		✓										27

Remarks.

Decisions

	Remarks.	Decisions
1		386759
2		"
3		"
4		"
5		"
6		"
7		"
8		" USGB
9		"
10		"
11		"
12		"
13		"
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22		
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25		
26		
27		

GEOGRAPHIC NAMES

Survey No. T-8251

3	Name on Survey										
		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>Windyhill</u>	✓									1
	<u>Bruceville</u>	✓									2
	<u>Bruceville Church</u>										3
	<u>Bruceville School</u>										4
	<u>Easton Road</u>	✓									5
	<u>Trappe Road</u>	✓									6
	<u>Box Knee Point</u>	✓									7
	<u>Blinkhorn Creek</u>	✓									8
	<u>Cabin Creek</u>	✓									9
	<u>Cabin Creek Neck</u>	✓									10
	<u>Cabin Creek</u>	✓									11
	<u>Madells Corner</u>	✓									12
	<u>Raccoon Creek</u>	✓									13
											14
											15
											16
											17
											18
											19
											20
											21
											22
											23
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											25
											26
											27

Names underlined in red approved
by L. H. H. on 6/7/44

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-8251

PRESTON 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

For the nearest horizontal accuracy tests see quadrangles T-8250 and T-8245.

A vertical accuracy test was run on this quadrangle and was found to be within the accuracy requirements. For further information see paragraph #48 in this Descriptive Report.

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-254

1:20,000

1848

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-8251 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 June 3, 1944 By Anne M. Hartman
under direction of D. H. Benson (per D.M.)

Inspected by B. G. Jones B.G. Jones 4/17/46

Examined and approved:

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

Chief, -Topography-Section

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

Raymond C. Egan
Chief, Div. of Coastal
Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T-8251

Record of Application to Charts

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