

8292

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photographic Topographic

Field No. _____ Office No. T-8292

LOCALITY

State Virginia

General locality Blackwater River

Locality Zuni

194 A

CHIEF OF PARTY
F. L. Gallen and
Fred. L. Peacock

LIBRARY & ARCHIVES

DATE June 25, 1946

B-1870-1 (1)++

ON
Diag. 78-3

2
9
2
8

DATA RECORD

T- 8292

Quadrangle (II): $7\frac{1}{2}$ minute
 ZUNI N 3645 W 7645/75

Project No. (II): C.S. 289

Field Office: Suffolk, Va.

Chief of Party: F. L. Gallen

Compilation Office: Baltimore, Md.

Chief of Party: Fred. L. Peacock

Instructions dated (II III):
 Mar. 13, Oct. 20, and Nov. 25, 1943
 Jan. 18, 1944

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

Completed survey received in office: 6/6/44

Reported to Nautical Chart Section: 6/7/44

Reviewed: 8/24/44 Applied to chart No.

Date:

Redrafting Completed: 3/8/45

Registered: 6/46

Published: 1945

Compilation Scale: 1:20,000

Published Scale: 1:31,680

Scale Factor (III): None

Geographic Datum (III): N. A. 1927

Datum Plane (III):

Reference Station (III): GAY, 1944

Lat.: $36^{\circ} 48' 25.965''$ (800.4m) Long.: $76^{\circ} 49' 07.592''$ (188.2m) ^{adjusted}
 (Field Computation)

State Plane Coordinates (VI): Va. South zone

I =

I =

Plane coordinates for reference station "Gay", are not published
 in the special tables.

Military Grid Zone (VI)

Zone A & B
 overlapping Zone B also shown.

Control by U. S. S. S., N. C. H. Co., & U. S. C. & S. S.

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
12975 to 12976 Inc.	12/31/42	1:50 P.M.	1:20,000	There are no tidal waters within the limits of this Map Manuscript.
12952 to 12954 Inc.	12/31/42	1:11 P.M.	1:20,000	
12902 to 12905 Inc.	12/31/42	12:09 P.M.	1:20,000	
Single Lens Photos.				
9" X 9"				
FG.131-39 to FG.131-46	5/20/37		1:20,000	
FG.105-77 to FG.105-80	4/7/37		1:20,000	

Tide from (III): None

Mean Range: None

Spring Range: None

Camera: (Kind or source) U.S. Coast & Geodetic Survey nine lens camera
(focal length 8 1/2")

Field Inspection by: (M.W.Burr, D.G.Flipppo, Wm.Clark
(G.B.Woolley, Gordon Bowker, Louis Levin
(Elliot Gillerman, A.M.Jyhla, date: Jan., Mar., April
(H.M.Eldridge, E.E.Nugent and May, 1944.

Field Edit by: K.F. Phelps

date:

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

Projection and Grids ruled by (III) B.R.C. & J.T.B.

date: 4/21/44

" " " checked by: K.N.M.

date: 4/22/44

Control plotted by: E. Herman

date: 4/29/44

Control checked by: C. W. A. Supp

date: 4/29/44

Radial Plot by: Joseph Steinberg

date: 5/9/44 to 5/11/44

Detailed by: John Reinoldi & John Kubasco

date: 5/15/44 to 6/3/44

Reviewed in compilation office by: Henry P. Eichert

date: 6/2/44 to 6/5/44

Elevations on Field Edit Sheet
checked by: J. H. Stewart

date: 8/24/44

STATISTICS (III)

Land Area (Sq. Statute Miles): 55

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

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

Number of Recoverable Topographic Stations established: 12

(11 bench marks and 1 azimuth reference monument)

Number of Temporary Hydrographic Stations located by radial plot: None

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.289 B, was prepared by the Coast and Geodetic Survey for the War Department under "General Specifications for War Department Mapping Program" issued about December 1941, in which is incorporated the "Standard of Accuracy for a National Map Production Program" issued by the Bureau of the Budget under date of June 10, 1941.

The general procedure in the production of this and the adjoining quadrangles was:

FIELD SURVEYS

Aerial photography with the Coast and Geodetic Survey nine-lens camera, with airplane and flight crew furnished by the U. S. Coast Guard. The photographs were taken to the scale of 1:20,000.

Ground inspection of the photographs for identification of control points, and classification and clarification of planimetric details on the photographs.

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

COMPILATION OF MANUSCRIPT

Compilation on the map manuscripts by radial plot methods (celluloid hand templates) of all planimetry and contours. These manuscripts were drawn on the scale of 1:20,000 on celluloid sheets on which polyconic projections had been ruled with the Projection Ruling Machine in the Washington Office. Compilation was accomplished in the Baltimore ~~Tampa~~ Photogrammetric Office.

FIELD EDIT

Comparison of a copy of the manuscript with the ground. This included inspection for completeness and accuracy as well as the location by planetable methods of additional details, checking of nautical and aeronautical aids to navigation, etc.

Accuracy Tests - Application of systematic horizontal and vertical accuracy tests to check the maps for conformity with the specifications. These tests consisted of comparison of the map position and elevation of selected random points with the true position and elevation as independently determined by standard survey methods.

PROCESSING IN THE WASHINGTON OFFICE

Review - Examination of the manuscript for accuracy and completeness of compilation and compliance with specifications, correcting where necessary; addition of military and state grids and other special features; and verification of the general adequacy of the manuscript as a basis for the production of a finished map.

Drafting and Reproduction - Preparation of smooth color separation drawings on 1:20,000 scale on metal-mounted "blue-line" copies of the manuscript. From these drawings, negatives and printing plates were prepared for reproduction of the finished map on the scale of 1:31,680 or 1:25,000.

FIELD INSPECTION REPORT
QUADRANGLE T-8292
PROJECT CS-289B

F. L. Gallen

Chief of Party

1. This quadrangle lies partly in Isle of Wight and partly in Southampton Counties, Virginia, the Blackwater River, near the west border of the quadrangle being the county line. The area is sparsely settled and the area under cultivation is on the higher land and consists of small farmsteads along the principal roads. Zuni, a village with a population of several hundred, is the principal settlement in the quadrangle and is located in the north end of the quadrangle.

Most of the area is moderately rolling land with the steeper slopes found along the water courses, and elevations vary from less than twenty feet to a maximum of approximately ninety feet above sea level. A large portion of the area is wooded and in places the best timber, mostly pine, has been logged off leaving mostly deciduous trees. In other areas the timber is a mixture of pine and deciduous trees with considerable underbrush. Most of the stream bottoms are timbered with a dense growth of deciduous trees.

The Blackwater River furnishes the drainage for the quadrangle, tributary streams flowing west and east to this river. Many of these tributary streams have wide, marshy bottoms and are more swamps than streams.

There is a good road system in the quadrangle. U.S. Highway No. 460, a four lane highway, crosses the northeast corner of the quadrangle and State Highway No. 258 runs through the south part of the quadrangle. In addition there is a system of graded county roads, a few of which are hard surfaced, but the roads tend to deteriorate during periods of wet weather. The Norfolk and Western Railroad parallels Highway No. 460 and the Virginia Railroad runs across the southern end of the quadrangle.

2. The field inspection is thought to be complete. Where single lens photographs have been used for contouring the field inspection of cultural detail has, in some cases, been done on a nine lense photograph covering the same area. The number of the photograph showing the field inspection has been indicated on the contour photograph.
3. The nine lens photographs are typical for the area. The single lens photographs were taken in July and the contrast between pine and deciduous trees is less than on the nine lens photographs. This feature made the location of streams in wooded areas more difficult on the single lens pictures and in some instances the drainage was first drawn in on a nine lens photograph and then transferred to the single lens photograph, later being checked in the field.

4. Same as for quadrangle T-8295.
5. Same as for quadrangle T-8295.

In the northeastern corner of photograph No. 12953 a level elevation of 47.7 feet shown on a culvert over a small stream has been changed to 41 feet by the contour party after securing a check.

6. The contouring was done on both nine lens and single lens photographs. The nine lens photographs are easier to work on due to the greater contrast between various types of woods and more sketching could be done in wooded areas on the larger pictures because of the control visible on the photograph. When working on single lens photographs it was necessary to carry planetable control into wooded areas and the use of hand level lines was restricted.

Standard methods were used to place the contours on the photographs. There were no large vertical closures on planetable traverses.

7 to 12. Do not apply to this quadrangle.

13. There are no landing fields or aids to aerial navigation in this quadrangle.

14 to 16. Same as for quadrangle T-8295.

17. The Southampton-Isle of Wight County line has been shown on photographs No. 12953. The Blackwater River is the county line.

The boundaries of political subdivisions will be added to the map manuscript.

18. Same as for quadrangle T-8295.

Submitted by

Arnold M. Jylha

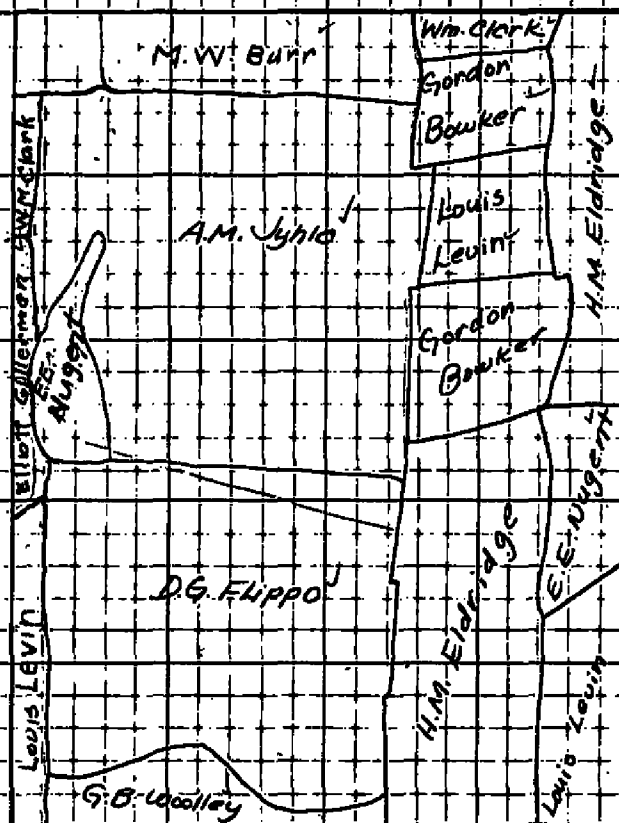
Arnold M. Jylha
Sr. Photo. Aid

Approved and forwarded by

F. L. Gallen

F. L. Gallen
Chief of Party

T-8292



CONTOURS AND FIELD INSPECTION

as above

JANUARY, MARCH, & APRIL, 1944

26 CONTROL:

The Field Party recovered and identified on the nine lens field photographs the following horizontal control stations. Those falling within the limits of the Map Manuscript are:

GAY, 1944
ZUNI, WATER TANK, N. & W. R.R., 1944

Those falling just outside of the Map Manuscript are:

CENTRAL HILL, 1944
FIRE LOOKOUT, 1944
MAYNARD, 1944
P.T.S. No. 8, 1918 (U.S.G.S.)
P.T.S. No. 9, 1918 (U.S.G.S.)
WINDSOR, 1944
ZUNI, 1944

The Field Party established field inspection stations at well defined points of detail near many of the above stations.

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

27 RADIAL PLOT:

The Radial Plot for this Map Manuscript is part of Main Radial Plot No. 6, Project C.S. 289, the descriptive report for which will be included in the descriptive report of Map Manuscript for Survey No. T-8291, which will be forwarded to the Washington Office in the near future.

28 DETAILING:

There was no appreciable scale difference between the photographs and the Map Manuscript. All detailing was accomplished without the use of the vertical projector.

28 DETAILING: (Continued)

The planimetry shown on this Map Manuscript was delineated from the office photographs with the aid of the field inspection data.

The field inspection data, shown on nine lens photographs and 9" X 9" single lens photographs, were in general, satisfactory.

All drainage wide enough to show both shores of the stream has been shown in black acid ink. All drainage too narrow to show both shores of the stream has been shown with a single line in blue acid ink. Tree areas have been shown with a symbol in green acid ink and classified "A", "B" or "C", in accordance with instructions from the Washington Office.

There were no bridge classifications on any of the field inspection data covering this Map Manuscript.

A U. S. Government under-ground water pipe line which extends across the lower half of this Map Manuscript, was not detailed. The location of this pipe line was noted on the discrepancy overlay. *Pipe line detailed on manuscript during review.*

The Norfolk and Western Railroad was detailed with the aid of the Right of Way and Track Map of the Norfolk and Western R.R., Scale 1" equals 200'.

29 SUPPLEMENTAL DATA:

There are no previous surveys made by the U. S. Coast & Geodetic Survey, that fall within the limits of this Map Manuscript.

The Field Party furnished the Compilation Office the Right of Way and Track Map of Norfolk and Western R.R., Scale 1" equals 200'.

30 MEAN HIGH-WATER LINE:

There are no tidal waters within the area of this Map Manuscript.

31 LOW-WATER AND SEAL LINES:

Not applicable.

32 DETAILS OFFSHORE FROM THE HIGH-WATER LINE:

Not applicable.

33 HARVES AND SHORELINE STRUCTURES:

Not applicable.

34 LANDMARKS AND AIDS TO NAVIGATION:

There are no landmarks or fixed aids to navigation within the limits of this Map Manuscript.

35 HYDROGRAPHIC CONTROL:

Not applicable.

36 LANDING FIELDS AND AERONAUTICAL AIDS:

There are no landing fields or recommended aeronautical aids within the limits of this Map Manuscript.

37 DISCREPANCY OVERLAY:

A discrepancy overlay has been prepared to accompany this Map Manuscript. On it are a few notes deemed likely to be of assistance during any future field edit. A set of general notes is included to aid in the interpretation of the symbols shown on the Map Manuscript.

38 GEOGRAPHIC NAMES:

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

39 HORIZONTAL ACCURACY:

The horizontal accuracy of this Map Manuscript is believed to be within the limits set forth, for well defined and less well defined points of detail for War Mapping Manuscripts. See Accuracy Traverse 'GAY To ZUNI' on file in Review Unit.

40 RECOMMENDATION FOR FUTURE SURVEYS:

The planimetry, as presented on this Map Manuscript, is believed to be complete, except as noted herein.

41 REMARKS:

The description, as furnished in the field inspection report, adequately describes the area of this Map Manuscript.

42 JUNCTIONS:

The following satisfactory junctions have been made:

To the East with Map Manuscript for Survey No. T-8293
To the West with Map Manuscript for Survey No. T-8291
To the North with Map Manuscript for Survey No. T-8307

There is no contemporary survey to the South of this Map Manuscript available to the Compilation Office for junction purposes.

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Due to scale difference, only a visual comparison could conveniently be made with the U. S. Geological Survey, Ivor, Va. 15 minute quadrangle. Several new roads have been constructed since the quadrangle was made. One of the more important ones is the U. S. Highway No. 460.

Common planimetric features seem to be in fair agreement.

45 COMPARISON WITH NAUTICAL CHARTS:

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

Respectfully submitted:

June 2, 1944

John M. Reinoldi
John M. Reinoldi
Sr. Photogrammetric Aid

and

John P. Kubasco
John P. Kubasco
Photogrammetric Aid

Map Manuscript, Discrepancy
Overlay and Descriptive Report
Reviewed by:

Henry P. Eichert
Henry P. Eichert
Jr. Photogrammetric Engineer

Compilation of Map Manuscript
Supervised by:

Joseph Steinberg
Joseph Steinberg
Asst. Photogrammetric Engineer

and

J. Edward Deal, Jr.
J. Edward Deal, Jr.
Asst. Photogrammetric Engineer

Approved and Forwarded:
June 6, 1944

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

GEOGRAPHIC NAMES

Undisputed

- | | |
|-------------------------|------------------------------|
| ✓ Antioch Church | ✓ Hunters Swamp |
| ✓ Antioch Swamp | ✓ Isle of Wight County |
| ✓ Blackwater Bridge | ✓ Jenkins Pond |
| ✓ Blackwater River | ✓ Jenkins Swamp |
| ✓ Blackwater School | ✓ Morning Star Church |
| ✓ Bows and Arrows Swamp | ✓ Norfolk and Western (R.R.) |
| ✓ Britt Road | ✓ Pine Swamp |
| ✓ Britt Run | ✓ Pope Swamp |
| ✓ Britts Chapel | ✓ Rhodes |
| ✓ Burnt Mills Swamp | ✓ Southampton County |
| ✓ Collosse | ✓ Tucker Swamp Ch. |
| ✓ Corrowaugh Swamp | ✓ Turner |
| ✓ Courthouse Road | ✓ Virginian (R.R.) |
| ✓ Dardens Pond | ✓ Walters |
| ✓ Ducks Swamp | ✓ Walters Road |
| ✓ Dwight | ✓ Windsor |
| ✓ Forks Road | ✓ Windsor Road |
| ✓ Gay Road | ✓ Zuni |
| ✓ Gay School | |
| ✓ Horse Swamp | |

GEOGRAPHIC NAMES

Recommended

Disputed

~~Whitleys~~ Crossroads

Whittley

FIELD EDIT REPORT
TO ACCOMPANY
QUADRANGLE T-8292
PROJECT CS-289-B (South)
F. L. Gallen Chief of Party

5. The designation and elevation of each bench mark has been checked. The fly-level elevations are to be checked by the Washington Office. ✓
6. Contours and elevations not in agreement as noted on discrepancy overlay have been checked and corrected by field edit party as shown on ozalid print.
14. Unclassified roads appearing on the map manuscript were checked and classified in accordance with instructions for road classifications. All roads as noted on discrepancy overlay were classified.
15. All bridges in the area were classified in accordance with the instructions for bridge classifications.
16. All buildings added by the field edit party, except dwellings, have been classified.
17. All of the political sub-divisions, as drawn on ozalid print, has been gathered from information of County Highway maps and on the ground by the field edit party.
46. The field edit was accomplished by visual inspection in the field. All ~~notes were made~~ on an ozalid print of the map manuscript and were transferred to a duplicate ozalid print. The various field edit notes have been inked on the ozalid print using the following color scheme:

Deletions Green
Additions, classifications, names
and notes Black
Political sub-divisions Violet
Notes on the discrepancy overlay have been
checked off in red ink.
47. The compilation is believed to be complete and accurate as shown on the edited ozalid print.
48. Two tests were made to determine the accuracy of the contours in this quadrangle. Planetable traverses were run on a photograph used for fly-leveling or the location of horizontal control and spot elevations were placed on the photograph. The contours were tested by placing a tracing of the contours from the contour photograph over the test traverse.

48. Continued -

Both test traverses were run by Louis Levin on photograph No. 12953 to test the work of E. E. Nugent and A.M. Jylha. The result of the first test was not satisfactory in that a large percentage of the contours in the test area were out a full contour interval. The contours were corrected and later tests on the work of E. E. Nugent indicate that it is of sufficient accuracy. The result of the second test was satisfactory and it is believed that the contours in this quadrangle comply with the national standard map accuracy requirements.

49. The junctions on the east with quadrangle T-8293 and the north with quadrangle T-8307 respectively are satisfactory. Sheet of quadrangle T-8291 was not completed and junctions with it will be checked when available. There is no contemporary survey to the south.

Submitted by:

Kenneth F. Phelps

Kenneth F. Phelps
Sr. Photo. Aid

Approved and forwarded by:

F. L. Gallen

F. L. Gallen
Chief of Party

*Horizontal Accuracy Test No 9 (T-8291 & 8292)
is based with descriptive report T-8291.*

Remarks.

Decisions

1		USQB
2		
3		
4		
5		
6		
7		
8		
9		Railway Guide
10		"
11		Road maps
12		"
13		
14		
15		367767
16		"
17		"
18		"
19		"
20		367768
21	Pending with US QB: apply this form of name pending its decision	"
22		"
23		"
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8292

ZUNI quadrangle

1 Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
A	B	C	D	E	F	G	H	K	
Virginia	✓								1
Isle of Wight County	✓								2
Southampton County	✓								3
Nansemond County	(a very small portion of it here)								4
Windsor District	✓								5
Newport District	✓								6
Jerusalem District	✓								7
HARDY	✓								8
Berlin-Ivor District	✓								8
Virginian Ry	✓								9
Norfolk & Western Ry	✓								10
U.S. No. 460	✓								11
State No. 258	✓								12
Blackwater River	✓								13
									14
Rhodes	✓								15
Gay Road	✓								16
Jenkins Pond	✓								17
Jenkins Swamp	✓								18
Bows and Arrows Swamp	✓								19
Dardens Pond	✓								20
Collosse	✓								21
Turner	✓								22
Walters	✓								23
Walters Road	✓								24
Corrowaugh Swamp	✓								25
Ducks Swamp	✓								26
Hunters Swamp	✓								27

T-8292

No. 2

Remarks.

Decisions

1		368768
2		"
3		"
4		"
5		"
6		"
7		"
8		"
9		"
10		"
11		"
12		"
13		"
14		"
15		"
16		368767
17		"
18		"
19		"
20		"
21		"
22		"
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES

Survey No. T-8292

2	Name on Survey	On Chart	On previous survey	On U. S. quadrangle	From local	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
		No.	No.	Maps	information					
	<u>Seacock Creek</u>	✓ 4								1
	<u>Blackwater Bridge</u>	✓ 9								2
	<u>Blackwater School</u>	✓ 4								3
	<u>Horse Swamp</u>	✓ 4								4
	<u>Pine Swamp</u>	✓ 5								5
	<u>Windsor Road</u>	✓ 1								6
	<u>Britt Road</u>	✓ 5								7
	<u>Britt Run</u>	✓ 4								8
	<u>Britts Chapel</u>	✓ 1								9
	<u>Antioch Swamp</u>	✓ 1								10
	<u>Burnt Mills Swamp</u>	✓ 1								11
	<u>Dwight</u>	✓ 1								12
	<u>Zuni</u>	✓ 1								13
	<u>Tucker Swamp Church</u>	✓ 1								14
	<u>Pope Swamp</u>	✓ 1								15
	<u>Whitlays Crossroads</u>	✓ 1								16
	<u>Courthouse Road</u>	✓ 1								17
	<u>Forks Road</u>	✓ 1								18
	<u>Antioch Church</u>	✓ 1								19
	<u>Morning Star Church</u>	✓ 1								20
	<u>Oey School</u>	✓ 1								21
	<u>Windsor</u>	✓ 1								22
										23
										24
										25
										26
										27

Names underlined in red approved
by L. Heck on 10/31/44

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-8292

ZUNI QUADRANGLE

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

Horizontal and Vertical Accuracy

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

Two vertical accuracy tests were run in this quadrangle. For further information see Item 48, Field Edit Report, 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.

There are no previous topographic surveys in this area.

Comparison with Nautical Charts Nos.

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

No nautical charts cover this area, as it is an inland sheet.

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

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

Reviewed Aug. 24, 1944 By John H. Stewart
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. W. W.
Chief, Div. of Charts
Nautical Chart Branch

Raymond P. Egan
Chief, Div. of Coastal
Surveys