

8132

8132

Form 504  
Rev. June 1941  
DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

*Air Photographic*  
~~Planographic~~  
~~Hydrographic~~

Survey No. T-8132  
(Field)

MARYLAND  
PRINCESS ANNE  
QUADRANGLE  
N3807.5 - W7537.5/7.5

LOCALITY

State Maryland

Eastern Shore -  
General locality Chesapeake Bay, Md.

Locality Princess Anne, Md.

1942

CHIEF OF PARTY

F. L. Gallen  
Fred. L. Peacock

## DATA RECORD

T- 8132

Quadrangle (II): Princess Anne

Project No. (II): CS-278-B

Field Office: Salisbury Md.

Chief of Party: F. L. Gallen

Compilation Office: Baltimore, Md. Chief of Party: Fred L. Peacock

Instructions dated (II III):

Copy filed in Descriptive

March 4, 1942, March 27, 1942, June 5, 1942. Report No. T- (VI)

June 24, 1942, August 13, 1942.

Completed survey received in office: 8/21/42

Reported to Nautical Chart Section: 8/42

Reviewed: 1/21/43

Applied to chart No.

Date:

Redrafting Completed: 5/10/43

Registered: 12/29/44 1/17/45 Published: 10/11/43

Compilation Scale: 1:19,640 Published Scale: 1:31,680

Scale Factor (III): 1.018

Geographic Datum (III): N.A. 1927 Datum Plane (III): Mean Sea Level

Reference Station (III): Anne - 1934

Lat.: 38° 11' 55.890" (1723.3 m) Long.: 75° 41' - 49.271" (1198.9 m) Adjusted  
UnadjustedState Plane Coordinates (VI): Maryland system of plane  
coordinates.

X = 1,174,459.26 Feet Y = 135,788.25 Feet

Military Grid Zone (VI) "A"



PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
8667	4/14/42	11:00 A.M.	1:20,000	1.2 ft. above M.L.W.
8668	4/14/42	11:00 A.M.	1:20,000	1.2 ft. above M.L.W.
8669	4/14/42	11:00 A.M.	1:20,000	1.2 ft. above M.L.W.
8670	4/14/42	11:00 A.M.	1:20,000	1.2 ft. above M.L.W.
8678	4/14/42	11:15 A.M.	1:20,000 )	(No tide waters
8679	4/14/42	11:15 A.M.	1:20,000 )	(appear within the
8680	4/14/42	11:15 A.M.	1:20,000 )	(detail limits of
				(these photographs on
				(this quadrangle

Tide from (III): Predicted tables for Hampton Roads, Va. with time correction  
to Whitehaven, Wicomico River, Maryland

Mean Range: 2.4 ft. Spring Range: 2.9 ft.

Camera: (Kind or source) U.S.C. & G. S. nine lens (focal length  $8\frac{1}{4}$ " )

Field Inspection by: L.G.Chambers, G.E.Varnadoe date: June, July 1942

Field Edit by: J. J. Young date: Sept. 1942

Date of Mean High-Water Line Location (III): April 14, 1942.

Projection and Grids ruled by (III) Washington Off. date: June 1942

" " " checked by: Washington Office date: June 1942

Control plotted by: William H. Van Loon date: June 1942

Control checked by: J. Edward Deal date: June 1942

Radial Plot by: J. Edward Deal, J. Steinberg date: June 1942

Detailed by: Charles C. Tropp date: July, August 1942

Reviewed in compilation office by: Jack L. Rihn date: August 1942

Elevations on Field Edit Sheet  
checked by: Salisbury Office date: Sept. 1942

### STATISTICS (III)

Land Area (Sq. Statute Miles):	58.6
Shoreline (More than 200 meters to opposite shore):	none
Shoreline (Less than 200 meters to opposite shore):	18.0
Number of Recoverable Topographic Stations established:	none
Number of Temporary Hydrographic Stations located by radial plot:	none
Leveling (to control contours) - miles:	61.0

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:



*Field Inspection and Field Edit*

DESCRIPTIVE REPORT TO ACCOMPANY

T-8132

WAR MAPPING PROJECT CS-278-B

F. L. Gallen, Chief of Party

INSTRUCTIONS

This work was executed under the Director's Instructions dated March 4, 1942, Supplemental Instructions dated March 27, 1942, and August 13, 1942.

GENERAL DESCRIPTION OF THE AREA

The area is comprised of approximately sixty percent woodland and forty percent farm land.

The highest elevations are in the east-central and northeast portions of the quadrangle. The land is drained by the Manokin River and its tributaries, the principal of which are Back Creek, Kings Creek, and Taylors Branch.

The soil varies from a light clay and sand to a fine, powdered sand.

This quadrangle contains several well-placed highways of the second and third class, from which branch numerous fourth class roads to serve individual farms. These fourth class roads are, for the most part, all but impassable in very wet weather. The quadrangle is quartered by first class roads, one running from north to south, the others from east to west.

SURVEY METHODS

Horizontal and vertical control stations were identified on the single lens photographs covering the area. All stations were referred to on the photographs as described in the first method of paragraph 14 of the instructions. Picking cards were also prepared for the azimuth marks of the horizontal control stations.

Wye levels were controlled horizontally by spotting the position of elevation points on single lens and nine lens photographs. Wye level elevations were transferred to nine lens photographs used in contouring the area.

All contouring was done on nine lens photographs. Horizontal control was obtained from identifiable images and this eliminated to a great extent the necessity of traversing. Elevations were plotted by azimuth and distance (corrected for scale factor) after the planetable had been oriented by declinoire.



### FIELD INSPECTION OF AIR-PHOTOGRAPHS:

The field inspection was done in two steps; first, the horizontal and vertical control stations were picked on the photographs; second, buildings, roads, drainage, culture, wharves and docks were classified. Contouring was also included in the second phase of the inspection. L. G. Chambers, Senior Photogrammetric Aid, did the initial phase of the work on single lens photos 979, 981, 983 and 985. George E. Varnadoe, Principal Photogrammetric Aid, and party performed the second phase of the work.

### LEVELING

Wye levels were observed along all principal roads and unmarked elevations established at one-quarter mile intervals where possible. The errors of closure were generally less than 0.3 of a foot. A closure error of one foot was allowed before a re-run was deemed necessary. The closures were adjusted by proportion.

Levels were run by parties headed by Jos. N. Henningsen, Senior Photogrammetric Aid, Wm. E. Clark, Photogrammetric Aid, and Gordon Bowker, Photogrammetric Aid.

Nine lens photos 8667, 8668, 8669, 8678, and 8680 were used.

The level parties were composed of four men: observer, notekeeper and two rodmen. A Wye Level and twelve-foot rods, graduated in feet and tenths were used. Elevations were read to the tenth for road intersections and to the nearest hundredth for turning points.

### CONTOURING

The contouring was done by George E. Varnadoe, Principal Photogrammetric Aid, with planetable and telescopic alidade. Nine lens photographs 8668 and 8669 were used. Photos 8667 and 8670 were used for cultural detail. The contour interval was twenty feet. Elevations were placed on high and low spots and in locations where they would be useful in drawing the ten-foot contours if desired in the future.

### FIELD EDIT

This area was field edited by Joseph J. Young, Photogrammetric Aid. All symbols used were according to U. S. Geological Survey Bulletin No. 788, and from instructions by the Chief of Party, dated August 12, 1942. The position of additive detail was found by pacing from well-defined, given detail.

The planetable and wye level elevations were checked against the original photographs in the office before beginning field work.

A. Boundaries

Boundaries of the political subdivisions were transferred to the map manuscript from Census Bureau Maps and checked in the field.

B. Buildings

All buildings missing from the map manuscript were located by pacing from definite points shown on the map manuscript. Occasionally it was necessary to plot detail directly from the photograph by use of a transparent overlay sheet, using road intersections and well-defined points for orientation and location. Public buildings, such as schools, churches, etc. were indicated, while barns, chicken houses, and other buildings of a permanent nature in rural areas were classified.

C. Bridges

Bridges were classified as to strength and horizontal and vertical clearance by C. C. Fryer, Senior Photogrammetric Aid, in accordance with special instructions issued by the War Department.

D. Roads

All rural roads, with the exception of some short private roads, were classified.

E. Woods

All wooded areas were investigated for density, concealment, type of trees and the absence or abundance of brush which would cause impediment.

F. Drainage

Several large tax ditches were added, but on the whole the drainage was as shown on the map manuscript.

G. Marsh Areas

The marsh area outlines were corrected as shown on the map manuscript.

H. Shore Lines

The shore lines were corrected as shown on the map manuscript.



I. Aids to Navigation

None

J. Landmarks for Charts

None

K. Power and Telephone Lines

Power line positions were taken from the maps of the Eastern Shore Public Service Company, and the Rural Electrification Administration and checked in the field.

L. Geographic Names

Geographic names were investigated by a party headed by A.J. Wright, Photogrammetric Aid. The names shown on the map manuscript were taken from the Geographic Names sheets which are to be submitted as a separate report.

JUNCTIONS

The junctions of all lines were checked and corrections made on the map manuscript. This manuscript joins with T-8122 on the north, T-8131 on the east, T-8152 on the south and T-8133 on the west.

REMARKS

In reference to the bridge on U. S. 13 at  $38^{\circ} 09.9' N$ ,  $75^{\circ} 41.4' W$ . There is a fill beginning at zero depth starting 700 feet north of the bridge and increasing in depth to seven feet at the wing walls of the bridge; likewise, starting at zero depth 200 feet south of the bridge it increases in depth to seven feet at the wing walls on the south end of the bridge.

In reference to the culvert on U.S. 13 at  $38^{\circ} 10.4' N$ ,  $75^{\circ} 41.4' W$ : There is a fill beginning at zero depth approximately 200 feet from the centerline of the culvert in either direction and increasing to three feet at the culvert.

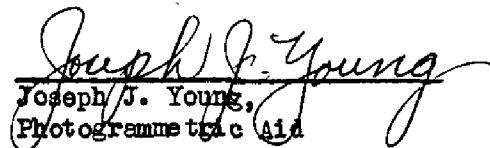
In reference to the culvert at  $38^{\circ} 11.0' N$ ,  $75^{\circ} 41.4' W$ . There is a fill beginning at zero depth at a point approximately 300 feet north of the center line of the culvert and increasing in depth to 5 feet at the culvert; from the centerline of the culvert the fill continues southerly to a point approximately 200 feet from the culvert where it passes from fill to cut and continues in a southerly direction for an additional 300 feet as a cut, reaching a depth of three feet at a point midway of the cut.

STATISTICS


Statute miles of wye level lines .....61.0  
Square statute miles of contouring .....59.0  
Square statute miles of field edit .....59.0

Vertical accuracy tests are shown in orange ink between 75°40'  
and 75°41' W. and 38°14' and 38°15' N.

Respectfully submitted

  
Joseph J. Young,  
Photogrammetric Aid

Approved:

  
F. L. Gallen  
Chief of Party

DESCRIPTIVE REPORT  
TO ACCOMPANY  
AIR PHOTOGRAPHIC SURVEY NO. T-8132  
EASTERN SHORE  
CHESAPEAKE BAY, MD.  
PRINCESS ANNE

Date of Report

October 6, 1942

INSTRUCTIONS:

This rough draft map manuscript is part of War Mapping Project CS-278, instructions for which are contained in the Director's letter dated March 4, 1942. The map manuscript falls within sub-project division 278-B covering the project area east of the 75°45' meridian and north of the 38° 30' parallel. Supplemental instructions are contained in inter-office correspondence of March 27 and June 5, and 24, 1942. This map manuscript is known as the 7½' Princess Anne Quadrangle and is part of the 15' Princess Anne Quadrangle.

FIELD INSPECTION:

Roads and woods classifications, elevations, and shoreline were field inspected by the party under supervision of Lieut. Comdr. William D. Patterson.

PHOTOGRAPHS:

See "Data Record".

CONTROL:

There are three U.S. Coast & Geodetic Survey Control Stations within the limits of this rough draft map manuscript:

Mitchell, Md., 1934  
Anne, Md., 1934  
Princess Anne Tank, 1942

RADIAL PLOT:

A radial plot covering map manuscripts No. T-8131, T-8132, T-8152, and T-8153 was run on June 18, 1942. In addition to these four map manuscripts, T-8133 and T-8151, which are part of sub-projects CS 278-C, were included in order to make a junction with the adjoining sub-project on the west.

The plot was run by the celluloid template method and good intersections were obtained on secondary control points.



HYDROGRAPHIC SIGNALS:

None appear on this map manuscript.

RECOVERABLE TOPOGRAPHIC STATIONS:

None appear on this map manuscript.

AZIMUTH REFERENCE MONUMENT:

Form 524 is being submitted for two Azimuth Reference Monuments; namely,

Anne, 1934 R.M. 2  
Mitchell, 1934 R.M. 2

DETAIL:

A scale plot was run for the entire area in project 278-B to facilitate detailing. Two flights of nine lens photographs were available for cutting in radial points and detailing. Due to this party not being furnished photographs which fell in the adjoining sub-project 278-C, slim cuts were obtained in some areas along flight line of Photo. 8666 to 8669, inclusive. As the area is comparatively flat, there was no real difficulty encountered in detailing, and the points in the above questioned areas held to the scale of the photographs.

Buildings: All buildings which could be seen on the photographs have been shown with the exception of small out-buildings.

Roads: Roads were detailed by the center line only. Classification is according to field inspection following military specifications, plate 42-2194, Engineer Production Plant, Army War College, dated January 12, 1942.

Wooded & Cultivated Areas: Demarcation between wooded and other areas is indicated by a broken line. Small clearings in wooded areas are qualified by the symbol "CL".

Unclassified wooded areas are indicated by the symbol "T" and appropriate notes have been made on the discrepancy overlay so that these may be investigated at the time the field edit is made.

Drainage: Perennial drainage is indicated by a solid line, intermittent drainage is shown by a broken dash and three dots line.

Shoreline and Marsh Areas: All of the shoreline is less than 200 meters apart. The high water line is indicated by a heavy full line. The marsh line or limits of navigation are shown by a light full line.

The inner boundaries of marsh areas are indicated by a broken line.



POLITICAL BOUNDARIES:

No political boundaries were included in the field inspection.

COMPARISON WITH PREVIOUS SURVEYS:

No previous surveys of this area were on hand.

JUNCTIONS:

On the north, junction was made with T-8122 and found to be in good agreement. To the east, a partial junction was made with T-8131 as that map manuscript was only partially completed. The partial junction was in good agreement.

*Junction with T-8122 OK.  
T-8131 not in office to date*

To the south, T-8152 was not completed, however, a partial satisfactory junction was made.

*O.K. checked in office 1-15-42*

To the west, there is no map manuscript at this time, but a detailed junction was sent to the Tampa, Florida office.

*This is T-8133  
Junction checks OK.*

*1-16-42*

GEOGRAPHIC NAMES:

No investigation of geographic names was on hand at the time of this report.

REMARKS:

All apparent differences or omissions between the field inspection and office interpretation have been indicated on the discrepancy overlay for the attention of the field party.

HORIZONTAL ACCURACY:

Horizontal accuracy is believed to be within the limits as set forth in instructions for project CS-278, paragraph 54, dated March 4, 1942.

RECOMMENDATIONS FOR FUTURE SURVEYS:

The detail, as presented, is believed to be complete to the date of the photographs but is subject to field edit.

1943  
KTA



Respectfully submitted,

Charles C. Tropp

Charles C. Tropp  
Sr. Photogrammetric Aid

Reviewed by,

Jack L. Rihn

Jack L. Rihn  
Pr. Photogrammetric Aid

Approved, 10/2/42

L. W. Swanson  
L. W. Swanson, Lieut.  
U.S. Coast & Geodetic Survey

Approved & Forwarded,

Fred L. Peacock

Fred. L. Peacock  
Officer in Charge  
Baltimore Field Office



# ABBREVIATIONS USED ON FIELD EDIT.

## WOODS

### Concealment:

- A - Trees 10' high - hide troops
- B - Brush, hide troops, impede progress
- C - Scattered brush & hide troops.

### Density:

- 1 - Scattered
- 2 - Thinly wooded
- 3 - Heavily wooded
- 4 - Densely wooded

### Type:

- D - Deciduous
- P - Evergreen and pine
- R - Brush
- S - Scrub
- L - Young trees

## BRIDGES (by special party)

<u>First Symbol</u>	<u>One Lane</u>	<u>Unlimited</u>
<u>Capacity</u>	<u>5 m.p.h.</u>	
A	50 tons	25 tons
B	25 "	18 "
C	18 "	13 "
D	10. "	7 "
E	6 "	4 "
F	Light vehicles only.	

### Second Symbol

<u>Vertical clearance</u>	A - over 14'
(clear height for	B - " 13'
width of 10')	C - " 12'
	D - " 11', etc.

### Third Symbol

<u>Horizontal Clearance</u>	A - over 18'
(width between curbs)	B - " 17'
	C - " 16'
	D - " 15', etc.

### Fourth Symbol - Year of classification.

- "U" - Underpass (to be substituted for
- "T" - Tunnels the First Symbol where applicable).

**ABBREVIATIONS USED ON FIELD EDIT**  
(continued)

**BUILDINGS:**

d	-	dwelling
b	-	barn
ck. h.	-	chicken house
Sto	-	Store
Bldg	-	building
Ch	-	church
Sch	-	school
P. O.	-	post office
C. H.	-	Court House
RR. Sta.	-	Railroad Station
Hos	-	Hospital

**ROADS:**

Rd.	-	Road
Classification:		
Rd. 1	-	Dependable, hard surface
Rd. 2	-	Secondary, all weather
Rd. 3	-	Loose surface
Rd. 4	-	unimproved, but graded
Rd. 4U	-	Track road
Rd. 5	-	Horse or foot trail
P	-	Private Road:
W	-	Width in feet
R R	-	Railroad
Tr	-	Tracks
①	-	U. S. Highway No. 3
②	-	State Highway No. 3
③	-	County Highway No. 3

GEOGRAPHIC NAMES LIST  
FOR T - 8132

Back Creek  
Dublin  
Dublin Swamp  
Camp Somerset  
Hall Branch  
Jones Creek  
King Creek ( Pinsula Junction)  
Loretto  
Loretto Branch  
Long Broughton Branch  
Manokin Branch  
Manokin River  
Monie Creek  
Moores Branch  
Palmetto  
Peggy Boston Swamp  
Princess Anne  
Revels Neck  
Revels Creek  
Somerset Creek  
Stewart Neck  
Taylors Branch  
Tull Swamp  
Wellington State Game Refuge  
Westover



## Remarks

## Decisions

1		381756
2	Pending with USGB: pending its decision, apply name of Kings Creek only	"
3		"
4		"
5		"
6	Names Report spells name Oakville	"
7		"
8		"
9		"
10	Write P.O. in smaller letters, as it is not part of name of village of Westover	381757
11		"
12		"
13		"
14		"
15		"
16		381758
17		382756
18		"
19	Settlement mainly on sheet to north, a little on this sheet	"
20	Very little of this creek on this sheet, leaving it near railway line	"
21		"
22		"
23		382758
24		382757
25		381757
26		"
27		"
M 234		

# GEOGRAPHIC NAMES

Survey No. T-8132

PRINCESS ANNE Quadrangle  
No. 1

Name on Survey

	A	B	C	D	E	F	G	H	K	
✓ <u>Dublin</u>										1
✓ <u>Kings Creek</u> (village)										2
✓ <u>Dublin Swamp</u>										3
✓ <u>Wellington State Game Reserve</u>										4
✓ <u>Peggy Boston Swamp</u>										5
✓ <u>Oakville</u> (Church and School, negro village just east of this sheet)										6
✓ <u>Long Broughton Branch</u>										7
✓ <u>Moore Branch</u>										8
✓ <u>Camp Somerset</u>										9
✓ <u>Westover</u>										10
✓ <u>Back Creek</u>										11
✓ <u>Revels Neck</u>										12
✓ <u>Kings Creek</u> (stream)										13
✓ <u>Jones Creek</u>										14
✓ <u>Stewart Neck</u>										15
✓ <u>Manokin River</u>										16
✓ <u>Princess Anne</u>										17
✓ <u>Palmetto</u>										18
✓ <u>Loretto</u>										19
✓ <u>Somerset Creek</u>										20
✓ <u>Manokin Branch</u>										21
✓ <u>Loretto Branch</u>										22
✓ <u>Monie Creek</u>										23
✓ <u>Tull Swamp</u>										24
✓ <u>Revels Creek</u>										25
✓ <u>Hall Branch</u>										26
✓ <u>Taylor Branch</u>										27

## Remarks

## Decisions

1		Railway Guide
2		" "
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# GEOGRAPHIC NAMES

Survey No. T-8132

No. 2

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>Pennsylvania</u>	(RR)	✓							1
<u>Pennsylvania (Crisfield Branch)</u>		✓							2
									3
Most of the streets on the tracing and transferred to the name overlay agree with list in names report, except that the latter has									4
									5
Bedford Street (not Beckford) (Beckford Ave. on tracing)									6
Hampton Street (Not Hampden as on tracing nor Handen as on name overlay)									7
									8
Recommend following tracing, as closer to the original map.									9
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Names underlined in red approved

by L Heck 07/1/24/42

## 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.

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.

Descriptive Report.

### 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.

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.



## General Procedure in the Production of Topographic Quadrangles for the War Department

This quadrangle, together with similar adjoining maps produced under Project C.8278-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 Interior under date of June 10, 1941.

The general procedure in the production of this and 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 ~~Topographic~~ 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.

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-8132

PRINCESS ANNE 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- See the Descriptive Report for T-8153 for a copy of the closest horizontal accuracy test comparisons. This test was accepted as satisfactory. The vertical accuracy test was performed on the field edit sheet in orange ink. This test showed the original field work to be adequate.

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 of this Bureau with which to compare this quadrangle.

"Princess Anne"      1:62,500      1901      U.S.G.S.

Comparison with Nautical Charts Nos. 1224

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 area covered by T-8132 is not detailed on chart 1224. ~~and should be applied. There is no shoreline of navigable waters on T-8132.~~



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

Only minor corrections were necessary.

Reviewed 11.21/43.

By W. W. Belling

under direction of D. H. Benson *W.B.*

*Per W. E. D.*

Inspected by B. G. Jones *B. G. Jones*

Examined and approved:

Robert W. Knox  
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