

# 8115

# 8115

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Air Photographic
Field No.	Office No. T-8115
LOCALITY	
State	Maryland
General locality	Western Shore - Chesapeake Bay
Locality	(Wicomico River)
Rock Point	
194 3	
CHIEF OF PARTY	
Wm. D. Patterson	
Fred. L. Peacock	
LIBRARY & ARCHIVES	
DATE	January 10, 1945

## DATA RECORD

T-8115

Quadrangle (II):  
 Rock Point (7½ min. quad.)  
~~Wicomico (15 min. quad.)~~

## Field Office:

War Mapping Party No.1

## Compilation Office:

Baltimore, Maryland

## Instructions dated (II III):

March 4; 27; June 5; 24)  
 August 13; Sept. 4 ) 1942

## Project No. (II):

CS 278-A

## Chief of Party:

Lieut. Comdr. Wm. D. Patterson

## Chief of Party:

Commander Fred. L. Peacock

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

Completed survey received in office:

129/43

Reported to Nautical Chart Section: 1/30/43

Reviewed: 5/8/43

Applied to chart No.

Date:

Redrafting Completed: 8/12/43

Registered:

1/10/45  
10/25/44

Published: 2/7/44

Compilation Scale:

1:20,000

Published Scale: 1:31,680

Scale Factor (III):

None

Geographic Datum (III):

N.A. 1927 (adj)

Datum Plane (III):

Mean Sea Level

Reference Station (III):

MILLS, 1942

38° 19' 12.957" (399.5m) 76° 48' 11.604" (281.9m)  
 Lat.: ~~38° 19' 12.953" 399.4 M~~ Long.: ~~76° 48' 11.592" 281.6 M~~ Adjusted  
 (1450.6) (1175.9) Unadjusted

State Plane Coordinates (VI): Maryland

Not computed for datum station.

X =

Y =

Military Grid Zone (VI) "A" "B"



# PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
Nine Lens 8865	4/15/42	12:38' 12" P.M.	1:20,000	1.4' above M.L.W.
" " 2 (8877)	"	(12:57' 15" P.M.)	"	(1.6' above M.L.W.)
" " 2 (8878)	"	(12:58' 42" P.M.)	"	(1.6' above M.L.W.)
" " 2 (8879)	Inc.	(1:00' 09" P.M.)	"	(1.6' above M.L.W.)
" " 2 (8880)	"	(1:01' 36" P.M.)	"	(1.6' above M.L.W.)
" " 2 (8881)	"	(1:03' 03" P.M.)	"	(1.7' above M.L.W.)
" " 2 (8882)	"	(1:11' 36" P.M.)	"	(1.7' above M.L.W.)
" " 2 (8883)	Inc.	(1:12' 54" P.M.)	"	(1.7' above M.L.W.)
" " 2 (8884)	"	(1:14' 12" P.M.)	"	(1.7' above M.L.W.)
" " 2 (8885)	"	(1:15' 30" P.M.)	"	(1.7' above M.L.W.)
7"x9" Single 4-5 to 4-7	Unknown	Unknown	"	Unknown
" " Lens 10-167 to	"	"	"	"
" " 10-178	"	"	"	"
" " 11-11 to	"	"	"	"
" " 11-20	"	"	"	"
" " 22-87 to	"	"	"	"
" " 22-94	"	"	"	"
" " 23-4 to 23-24	"	"	"	"

Tide from (III): Predicted tables, reference station, Washington, D.C.  
with time correction for Bushwood, Wicomico River, Maryland

Mean Range: 1.9 ft. Spring Range: 2.3 ft.

Camera: (Kind or source)

U.S. Coast and Geodetic Survey, nine lens camera (Focal length 8 $\frac{1}{4}$ " )

Shoreline by: R. D. Trace and J. C. Lajoye

Field Inspection by: Interior: W. A. Rasure and G. E. Varnadoe date: Spring and Summer, 1942

Contours: W. A. Rasure

Field Edit by: Louis Levin Photo. Aid date: April 1943

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

Same as date of nine lens photographs

Projection and Grids ruled by (III) Washington Office date: Aug. 30, 1942

" " " checked by: W.C.B. Washington Office date: Sept. 2, 1942

Control plotted by: Charles C. Tropp date: Sept. 7, 1942

Control checked by: George O. Fellers date: Sept. 9, 1942

Radial Plot by: J. Edward Deal, Jr. date: Sept., 1942

Detailed by: Albert C. Rauck, Jr. Oct. 1, 1942  
date: Dec. 5, 1942

Reviewed in compilation office by: Henry P. Eichert date: Dec., 1942

Elevations on Field Edit Sheet

checked by: L.G. Chambers

date: Mar. 1943

STATISTICS (III)

Land Area (Sq. Statute Miles): 39.8

Shoreline (More than 200 meters to opposite shore): 24 Statute Miles

Shoreline (Less than 200 meters to opposite shore): 18 Statute Miles

Number of Recoverable Topographic Stations established: 43

Number of Temporary Hydrographic Stations located by radial  
~~photox~~ intersections - 3

Leveling (to control contours) - miles: 30.2

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*

DESCRIPTIVE REPORT TO ACCOMPANY  
T-8115

WAR MAPPING PROJECT CS-278-A  
Wm. D. Patterson, 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 AREA:

The land area in this quadrangle is between 50% and 75% wooded. The Wicomico River, a tidal stream, runs through the southwest part of the quadrangle, and the Potomac River touches the southern part of the quadrangle. Near the water the land is relatively low and gently sloping, but there are no extensive marsh areas. Back from the water the land rises quickly to over 100 feet in elevation and in places approaches 200 feet in elevation. The inland portion is much cut-up with draws and stream valleys which are wooded, and the tops of the intervening ridges are usually more gently sloping and are usually cleared and farmed. Generally the improved roads follow the tops of the ridges and the impression gained by driving through the country is that there is considerably less relief than actually exists.

SURVEY METHODS:

All field work was done on 9 lens photographs taken during the Spring of 1942. Field inspection and location of horizontal control were limited to the minimum number of photographs and duplicates were obtained for the majority of the photographs used for the above operations so that the contouring could be kept as near the center as possible in all areas of considerable relief. In areas of low relief it was possible to work farther from the center of the photograph and not all photographs were used for contouring for level elevations could be left on portions of a photograph where the detail would not have been clear enough for contouring. In some cases it was necessary to have field inspection photographs returned from the Baltimore Field Office in order to field inspect cultural features that were too far out on the photographs available to the contour party.

The boundary between contours on adjacent photographs was left to the discretion of the topographer due to the difference in quality of adjacent photographs and to permit wider latitude in the selection of junction lines.

The photographs were prepared for the topographer by the field office by placing all bench marks and elevation points left by the level party on the photograph to be used. The elevations were inked to the nearest 0.1 foot.



#### FIELD INSPECTION OF AIR PHOTOGRAPHS:

9 lens photographs were used for all purposes. Horizontal control: By R. D. Trace, Photogrammetric Aid (2-man party), Photos 8877-79, 8688. Shoreline: R. D. Trace and J. C. Lajoie, Senior Photogrammetric Aid (3-man launchparty). Photos 8877-79, 86 and 88. Inland detail (all information necessary for map making except boundaries and bridges - Advance field edit). By W. A. Resure, Senior Photogrammetric Aid, and topographer on this quadrangle, in contoured areas and in conjunction with the contouring. In areas below the 20 foot contour-adjacent to water areas on this sheet, the inspection was by G. E. Varnadoe, Prin. Photogrammetric Aid, or J. C. Lajoie in charge of a 2-man party. Photos used Nos. 8865, 78-80, 86-88.

#### LEVELING:

Wye levels were run in this quadrangle by Milton C. Applefield, Engineering Aid.

In areas of considerable relief levels were run along the principal roads only, but in areas below the lowest contour interval more levels were run in order to leave elevations along the roads. Except in special cases levels were not run over roads followed by a geodetic level line or over roads with a steep profile.

#### SURVEY METHODS:

A wye level and 12 foot rods graduated to 0.1 foot were used. Turning pins were not used and turns were made on the pavement, rocks, packed earth, etc. Elevations were left at points identifiable on the photographs, which were carried in the field by the level party. Points picked were the center of the road, unless otherwise noted, and the line of intersection with other lines on the photographs. T.B.M.'s were placed at junction points with other level lines and at points where an elevation left on the ground could not be picked up with sufficient accuracy, usually about 0.5 foot. Foresights and backsights were not balanced and many draws were shot across without leveling to the bottom. The maximum length of sight was usually not over .15 mile.

The level record was checked in the field office and after checking the closure any necessary adjustment was applied. The location of the points on the photographs which were indicated by pencil in the field were inked in the office and the elevations inked to the nearest 0.1 foot.

#### ACCURACY:

Allowable closure 1.0 foot, with no adjustment for closures less than 0.4 foot.

Photographs used Nos. 8865, 77, 85, 87 and 88.

### CONTOURING

All contouring on this quadrangle is by W. A. Rasure, Senior Photogrammetric Aid. Photos used Nos. 8879, 80, 88-88.

### SURVEY METHODS:

At first no stereoscope was available and the photographs with the inked elevations were taken into the field without first drawing in the drainage. As soon as a stereoscope was available the drainage was first drawn in under a non-magnifying stereoscope in the area to be contoured during the next several days. The drainage was later checked in the field.

The standard Coast and Geodetic Survey planetable and alidade were used. Inclined elevations were computed with a 10 inch stadia slide rule using feet as the unit of distance. Horizontal distances were plotted with a 1:20,000 foot scale. The H. I. of the instrument was carried to the nearest 0.1 foot and ground elevations were plotted to the nearest foot.

The contour interval is 20 feet.

Control was taken from points identifiable on the photographs such as road intersections, fence corners, edge of woods line, etc. Whenever possible, the photograph was oriented by woods lines, fence lines, etc., otherwise the declinoire was used. A line of declination was drawn directly on the photograph with the photograph oriented along a road or fence line, and for ease in using in the field a second line was added on the cover paper. A new magnetic line was drawn on the cover paper every time it was moved or the party moved to a new part of the photograph.

In wooded areas it was necessary to run traverses but no traverse was carried very far without checking for control and also elevation on level line. Where there were no levels run along a through road, the road was first run out with elevations left at advantageous points and after tying in for elevation short traverses were run off to each side for contouring. Shots were taken on top of the ridges and the bottom of the draws and at all points where there was any doubt of sketching. Many shots were taken by sighting on some object such as the bottom of woods lines, fence lines, houses, etc., reading an angle and scaling the distance on the photograph to compute the elevation of that point. Hand levels were used to a great extent in the wooded areas. All possible roads were run out with the planetable and shots taken in the woods as far as possible on all sides without clearing lines. Then by using the hand level and pacing enough information was obtained to sketch in the contours. In some cases a short line was cleared to obtain an elevation in the bottom of a draw or creek. Much of the sketching was done on information obtained from the rodmen. A set of signals was used so that the rodman would know the elevation of the rodged point and could then hand level into the woods and obtain



the positions of the contours for a reasonable distance from his point and so inform the topographer. In sketching contours in wooded areas the location of the streams as drawn in under the stereoscope was used as horizontal control for the contours.

FIELD EDIT:

See under Field Inspection of Air Photos listed above for information about advance Field Edit.

Supervised by:

Submitted by

G. R. Fish  
Lieutenant G. R. Fish,  
U.S. Coast & Geodetic Survey

W. A. Rasure  
W. A. Rasure  
Senior Photogrammetric Aid

Approved:

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

26. CONTROL:

There are seventeen triangulation stations within the detailed limits of this map manuscript and four triangulation stations just outside the detailed limits. These stations were used for the control of secondary and detail points on this map manuscript.

Those within the detailed limits are:

Mills, 1942  
Bushwood Sacred Heart Church Spire, 1901, 1942  
Bushwood (Md.), 1934  
Cobb R.M. No.2, 1929  
Rock Point Catholic Church Cross, 1908  
St. Margaret 2, 1901, 1908  
St. Margaret 2 R.M., 1908 - M.S.F.S.  
Hayden R.M. 1908 - M.S.F.S.  
Burr, 1908 - M.S.F.S.  
Eedling, 1908 - M.S.F.S.  
Gust, 1908 - M.S.F.S.  
Hard, 1908 - M.S.F.S.  
Key, 1908 - M.S.F.S.  
Cohouck, 1908 - M.S.F.S.  
Lyon, 1908 - M.S.F.S.  
Weiss, 1908 - M.S.F.S.  
Prec. 1908 - M.S.F.S.

Those just outside the detailed limits are:

Edwards, 1942  
Victoria, 1934  
Crain, 1918, 1924  
Barber, 1908 - M.S.F.S.

27. RADIAL PLOT:

The radial plot for this map manuscript is part of a combined plot of project C.S. 278-A for which a report has been submitted.

*Filed in Photogrammetric Section*

28. DETAILING:

Nine lens photographs were used for the compilation of detail of this map manuscript.

Single lens photographs, size 7" x 9" were used for reference and check purposes, in the process of detailing, but only for such detail as could not be seen or distinguished on the nine lens photographs.

Satisfactory field inspection data has been provided by the field party covering the area included on this map manuscript.



29. SUPPLEMENTAL DATA:

The following previous surveys cover portions of this map manuscript:

T-859	Dated 1862
T-1105	" 1868-1904
T-2598	" 1902
T-2599	" 1902
T-2730	" 1905

No copies of these surveys are available to the compilation office.

30. MEAN HIGH WATER LINE:

Field inspection of portions of the shoreline was available. This served as a guide to detail all the shoreline. In several instances, discrepancies were noted between field inspection photos concerning shoreline interpretation. Stereoscopic examination was made by the compilation office of these discrepancies and appropriate notes shown on the discrepancy overlay indicating the changes.

The stage of tide of all photographs was computed before detailing was attempted.

31. LOW WATER AND SHOAL LINES:

These were detailed with the aid of field inspection notes and office interpretation of the nine lens photographs.

32. DETAILS OFFSHORE FROM THE HIGH WATER LINE:

All offshore details, indicated on the field inspection photographs, were shown on this map manuscript. There were no additional details discernible on the photographs. These details included duck blinds and rock jetties.

33. WHARVES AND SHORELINE STRUCTURES:

All wharves, docks, and piers that were visible on the nine lens photographs were detailed. Several of these were selected and radially plotted as temporary hydrographic signal sites.

34. LANDMARKS AND AIDS TO NAVIGATION:

There are seven lights or aids to navigation located in the vicinity of COBBE IS. that have been plotted on this map manuscript. Sextant fixes for six aids to navigation and a planetable sketch for Neale Sound Lighted Beacon "11" were submitted by the field inspection party. They are namely:



34. LANDMARKS AND AIDS TO NAVIGATION: (Continued)

Neale Sound Beacon No.4 (Daymark)  
Neale Sound Beacon No.6 (Daymark)  
Neale Sound Lighted Beacon No.8  
Neale Sound Beacon No.9 (Daymark)  
Cobb Island Light Fl. W. 5 Sec.  
Neale Sound Lighted Beacon No.2  
Neale Sound Lighted Beacon No.11

Form No.567 is submitted herewith, for all but Neale Sound Lighted Beacon "2" and Neale Sound Lighted Beacon "11". Due to a discrepancy in the sextant fix for Neale Sound Lighted Beacon "2", there are two positions possible in the plotting. Both positions have been noted on the discrepancy overlay. It is recommended that the correct position be determined during the field edit. *\* See field edit report following.*

The position of Neale Sound Lighted Beacon "11" as shown on this map manuscript is approximate. The compilation office received a planetable sketch from the field inspection party, which could not be coordinated with T-8115 with sufficient accuracy to secure a good position. It is recommended that this light be accurately located and plotted during the field edit.\*

After locating Neale Sound Beacon "9" from the sextant fix, it was discovered that the angle at Neale Sound Beacon "6" between Neale Sound "8" and Neale Sound Beacon "9" which is  $15^{\circ} 42'$  did not intersect radially the location of Neale Sound Beacon "9". It is recommended that this angle should be checked by the field edit party.\*

Comparison of these aids to navigation with the charted position on U.S. Coast and Geodetic Chart No.558 has been made and found to be in fair agreement, with the exception of Neale Sound "2" and Neale Sound "11" which could not be carefully compared, because of the aforesaid discrepancies.

35. HYDROGRAPHIC CONTROL:

Forty three (43) recoverable topographic stations fall within the detailed limits of this survey.

Descriptions for these stations are submitted herewith on form No.524 of all except two which are noted under "LANDMARKS AND AIDS TO NAVIGATION" (paragraph 34).

37. DISCREPANCY OVERLAY:

A discrepancy overlay has been prepared to accompany this map manuscript. On it are noted requests for additional information needed to make this map manuscript complete and discrepancies between field inspection as submitted by two units of the field party. Notes as are deemed likely to be of assistance in the course of the field edit, have also been included. ✓



38. GEOGRAPHIC NAMES:

Attached to this report are two lists of geographic names, one for undisputed names and the other for disputed and recommended names.

39. HORIZONTAL ACCURACY:

Horizontal accuracy of the location of well-defined and less-well defined points of detail is believed to be within the limits set forth in the instructions for Project CS 278, paragraph 54, dated March 4, 1942.

40. RECOMMENDATION FOR FUTURE SURVEY:

The planimetric detail as presented on this map manuscript is believed to be complete, but is subject to field edit for corrections, additions, and deletions.

41. JUNCTIONS:

The following junctions have been made with survey No. T-8115:

To the North	T-8112	- satisfactory
To the West	T-8114	- satisfactory
To the South	T-8141	- satisfactory
To the East	T-8442	- a junction of secondary points only

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Comparison with the Wicomico Quadrangle, U.S. Geological Survey, edition of 1914, was attempted. Due to scale differences, no accurate comparison was possible.

45. COMPARISON WITH NAUTICAL CHARTS:

Comparison with U.S. Coast and Geodetic Survey Chart No. 558, dated June, 1938, scale 1:40,000 was made.

This map manuscript will adequately portray topographic details and shoreline structures and should supersede the present charted information after the field edit has been made.

Respectfully submitted, 1/26/43

Albert C. Rauck, Jr.

Albert C. Rauck, Jr.  
Photogrammetric Aid

Map manuscript, discrepancy overlay  
and descriptive report, reviewed by,

Henry P. Eichert

Henry P. Eichert  
Junior Photogrammetric Engineer

Compilation of Map Manuscript  
supervised by,

Joseph Steinberg

Joseph Steinberg  
Assistant Photogrammetric Engineer

J. Edward Deal, Jr.

J. Edward Deal, Jr.  
Assistant Photogrammetric Engineer

Approved and Forwarded, Jan. 29, 1943

Fred. L. Peacock

Fred. L. Peacock  
Officer in Charge  
Baltimore Field Office



FIELD EDIT REPORT  
T-8115

46. The field edit was done by visual inspection in the field on the map manuscript and transferred to a smooth copy on completion.

The inking was done in accordance with the following scheme:

<u>Features</u>	<u>Colors</u>
Additions, bench marks, wye level elevations and crosses	Black
Deletions	Green
Contours	Brown
Drainage features	Blue
Political boundaries	Violet

47. The position and amount of detail on this manuscript is believed to be complete and accurate.

48. The horizontal accuracy test was run in quadrangles ~~T-8159.~~  
T-8112

The vertical accuracy test is the subject of a report submitted by Lieut. G. R. Fish on project 278-A.

11. All aids to navigation were checked by planetable. The positions of four lights as shown on the map manuscript were found to be incorrect. A new light, known locally as "LANCASTER BAR LIGHT" has been placed off Rock Point. The positions of these lights are submitted on form #567.

Submitted by,

*Louis Levin*  
Louis Levin, *per H.G.*

Photogrammetric Aid.

Approved and forwarded:

*F. L. Gallen*  
F. L. Gallen,  
Chief of Party.

**QUAD T-8115**

## FAHRENDHEIT TO CELSIUS

**TO BE CHARTED  
TO BE DELETED**

**STRIKE OUT ONE**

## PERMANENT AIDS TO NAVIGATION

## Tall Timbers, Md.

**April 2nd**

1943

I recommend that the following objects which have ~~(been not)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing

**F. I. Gallen** - - - - - *Chief of Party*

[illegible]

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.



GEOGRAPHIC NAMES

Undisputed Names

✓Avenue  
✓Avenue Branch  
Bankhead Cove  
Bankhead Point  
✓Barbers Quarter  
Barbers Point  
✓Bassfold Creek  
✓Bluff Point  
✓Bramleigh Creek  
Bramleigh Point  
Bull Run  
Bull Run (creek)  
✓Burroughs Run  
Bushwood  
Bushwood Cove  
Bushwood Road  
Bushwood Wharf  
✓Canoe Neck Creek  
✓Chaptico  
Chaptico Bay  
Chaptico Marsh  
Chaptico Run  
Chaptico Point  
Charles County  
✓Charleston Creek  
Cobb Point  
✓Coffee Hill Road  
✓Dynard Run  
Elm Bar  
✓Fennell Point  
✓Hatton Creek  
Hayden Cove  
Hayden Point  
✓Hurry  
Indiantown  
Indiantown Cove

Indiantown Road  
Indiantown Run  
Keys Bar  
Lancaster Wharf  
Maddox  
Maddox Creek  
Mattney Point  
Milestown  
Mill Creek  
Neale Sound  
Neale Sound Channel  
Nelsons Run  
Persimmon Point  
Pon Point  
Potomac River  
✓Rock Point  
Rock Point (town)  
St. Marys Co.  
St. Margaret Island  
Shipping Point  
Society Hall Branch  
Stoddard Bar  
✓Stoddard Point  
Tennyson Point  
Tomakokin Creek  
West Hatton Point  
✓Whites Neck  
Whites Neck Road  
White Point  
White Point Bar  
White Point Island  
✓Wicomico Beach  
✓Wicomico River  
✓Windmill Point  
✓Woodberry Beach  
✓Yellow Bank



GEOGRAPHIC NAMES

Recommended Names

✓ Cobb Island  
✓ Cohouck Point  
✓ Mills Point  
✓ Muddy Creek  
✓ Russells Landing  
✓ Tabo Creek  
✓ Whites Neck Creek

Disputed Names

Cobb Point  
Cohunk Point  
Mill Point  
Bluff Point Run  
Chaptico Wharf  
Manahowic Creek  
White Neck Creek

T-8115

No. 1  
Decisions

Remarks

1		382767	USGB
2		"	
3		"	
4		"	
5	Not in Names Report but OK to use as shown	"	
6		"	
7		"	
8		"	
9		"	
10		"	
11		382768	USGB
12		"	
13		"	
14		"	
15		"	
16		"	
17		"	USGB
18		"	
19		"	
20		"	
21		"	
22		"	
23		"	USGB
24		"	
25		"	
26		"	
27		"	



# GEOGRAPHIC NAMES

Survey No. T-8115

ROCK POINT quadrangle

No. 1 Name on Survey

	A	B	C	D	E	F	G	H	K	
✓ Whites Neck Creek ✓	✓									1
✓ Avenue ✓	✓									2
✓ Avenue Branch ✓	✓									3
✓ Canoe Neck Creek ✓	✓									4
✓ Church Swamp ✓	✓									5
✓ Whites Neck ✓	✓									6
✓ Whites Neck Road ✓	✓									7
✓ Milestown ✓	✓									8
✓ Bushwood ✓	✓									9
✓ Tomakokin Creek ✓	✓									10
✓ Wicomico River ✓	✓									11
✓ St. Margaret Island ✓	✓									12
✓ Yellow Bank ✓	✓									13
✓ Bluff Point ✓	✓									14
Muddy Creek										15
Bushwood Cove ✓	✓									16
Bushwood Wharf ✓	✓									17
Bushwood Road ✓	✓									18
White Point ✓	✓									19
White Point Bar										20
White Point Island ✓										21
Bramleigh Point ✓										22
Bramleigh Creek ✓										23
Fennell Point ✓										24
Charleston Creek ✓										25
Persimmon Point ✓										26
Rock Point ✓	(point) ✓									27

## Remarks

## Decisions

1		382768
2		"
3		"
4		" USGB
5		"
6		" USGB
7		" "
8		" "
9		"
10		"
11		383767
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		383768
22		"
23		"
24		"
25		"
26		"
27		"



# GEOGRAPHIC NAMES

Survey No. T-8115

No. 2

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		
✓	Rock Point	✓	(village) ✓								1
✓	Mill Creek	✓	✓								2
✓	Lancaster Wharf	✓	✓								3
✓	Neale Sound	✓	✓	✓							4
✓	Shipping Point	✓	✓								5
✓	Cobb Island	✓	✓	✓							6
✓	Cobb Point	✓	✓	✓							7
✓	Cobb Neck	✓	✓	✓							8
✓	Neale Sound Channel	✓	✓	✓							9
	Cobb Point Bar										10
	Burry	✓	✓								11
✓	Chaptico	✓	✓	✓							12
	Chaptico Creek	✓	✓	✓							13
	Dynard Run	✓	✓	✓							14
	Nelsons Run	✓	✓	✓							15
	Coffee Hill Road	✓	✓	✓							16
	Chaptico Run	✓	✓	✓							17
	Chaptico Marsh	✓	✓	✓							18
✓	Burroughs Run	✓	✓	✓							19
	Bull Run	✓	(locality) ✓	✓							20
✓	Chaptico Bay	✓	✓	✓							21
✓	Bull Run	✓	(stream)	✓							22
✓	Chaptico Point	✓	✓	✓							23
✓	Bankhead Cove	✓	✓	✓							24
✓	Bankhead Point	✓	✓	✓							25
✓	Hayden Cove	✓	✓	✓							26
✓	Hayden Point	✓	✓	✓							27

T-8115

No. 3

Remarks

Decisions

1		383768
2		"
3		"
4		"
5		"
6		"
7		"
8		"
9		"
10		"
11		" USGB
12		"
13	7	"
14		" USGB
15		"
16		" USGB
17		"
18		"
19		"
20		" USGB
21		"
22		"
23		"
24		"
25		"
26		"
27		"



# GEOGRAPHIC NAMES

Survey No. T-8115

No. 3

Name on Survey

✓	Mattney Point	✓	✓	✓																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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## Remarks

## Decisions

1		USGB
2		"
3		
4		
5		St. Marys Co. Map
6		"
7		Charles Co. Map
8		Road Maps
9		
10		"
11		"
12		
13		"
14	Also Morganza Colton Point Road on sheet.	"
15	Not in Names Report but OK to use	
16		
17		
18		
19		
20		
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23		
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25		
26		
27		



# GEOGRAPHIC NAMES

Survey No. T-8115

No. 4

Name on Survey

	A	B	C	D	E	F	G	H	K	
Potomac River ✓✓										1
St. Marys County ✓✓										2
Charles County ✓✓										3
Political subdivisions										4
Milestown No. 7 ✓✓										5
Chaptico No. 4 ✓✓										6
Harris Lot No. 5 ✓✓										7
State Highway No. 3 ✓✓										8
" No. 234 ✓✓										9
" No. 237 ✓✓										10
" No. 238 ✓✓										11
" No. 239 ✓✓										12
" No. 241 ✓✓										13
" No. 242 ✓✓										14
Cobb Point Road ✓✓										15
										16
										17
Camp Reader										18
										19
										20
										21
										22
										23
										24
										25
										26
										27

Names underlined in red approved  
by L. O. Heck on 6/1/43

## 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.

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.S.278-A, 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. (This photography was supplemented by the use of single-lens photographs.) 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, driveways, and numerous other points identifiable on the photographs.

### COMPILATION OF MANUSCRIPT

Compilation on the map manuscripts by radial plot methods (celluloid hand templets) 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 ~~Tempo~~ 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-8115

ROCK POINT 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-8112 for a copy of the closest horizontal accuracy test comparisons. There is no evidence of systematic error. The vertical accuracy test is reported satisfactory by the field party in accordance with the test made on a field photograph. This test could not be identified during review.

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-858	1:20,000	1862	
T-1105	1:20,000	1868	
T-2599	1:20,000	1902	
T-2730	1:20,000	1905	
"Wicomico"	1:62,500	1890	U.S.G.S.

Comparison with Nautical Charts Nos. 558

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:

Only small differences in shoreline exist.

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 5-8-43

By Harlan E. Rees

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

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

Examined and approved:

Robert W. Jones

Chief, Surveys Branch

K.T. Adams  
Chief, Topography Section

J.S. Borden

Chief, Div. of Charts

G. H. Hude

Chief, Div. of Coastal  
Surveys