

ORIGINAL

8140

8140

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	Topographic
Field No. <del>41</del>	Office No. T-8140
LOCALITY	
State Maryland and Virginia	
General locality Chesapeake Bay-Western Shore	
Locality Potomac River	
1943	
CHIEF OF PARTY	
F. L. Gallen	
Fred. L. Peacock	
LIBRARY & ARCHIVES	
DATE	January 4, 1945

## DATA RECORD

T- 8140

Blakistone ( $7\frac{1}{2}$  min. quad.)  
 Quadrangle (II): ~~Piney Point~~ (15 min. quad.) Project No. (II): CS 278-A

Field Office: Salisbury, Md. Chief of Party: W.D. Patterson  
 F.L. Gallen

Compilation Office: Chief of Party: Commander Fred. L. Peacock  
 Baltimore Field Office

Instructions dated (II III): Copy filed in Descriptive  
 March 4, 27; June 5, 24 } 1942 Report No. T- (VI)  
 August 13; September 3 & 4 }

Completed survey received in office: 2/11/43

Reported to Nautical Chart Section: ✓ 2/43

Reviewed: 5/13/43 Applied to chart No. Date:

Redrafting Completed:

Registered: 12/29/44 Published: 2/4/44

Compilation Scale: 1:20,000 Published Scale:

Scale Factor (III): none

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

Reference Station (III): Copsico, 1934

Lat.:  $38^{\circ} 09' 30.559''$  942.2 Long.:  $76^{\circ} 41' 20.695''$  503.8 Adjusted  
 (907.8) (956.9) ~~unadjusted~~

State Plane Coordinates (VI):  
 Maryland single zone

X =

Y =

Virginia

Military Grid Zone (VI) "A"  
 over/lapping zone 'B' also indicated by ticks

# PHOTOGRAPHS (III)

	<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
9 Lens	8888 to 8891(inc)	4-15-42	1:14'12" - 1:19'06" PM	1:20,000	1.9 ft. above M.L.W.
	8898 to 8900(inc)	4-15-42	1:30'48" - 1:34' PM	1:20,000	2.0 ft. " "
	8902 to 8906(inc)	4-15-42	1:36 - 1:43 PM	1:20,000	" " " "
Single lens	5-90 to 5-97	4-14-38	Unknown	1:20,000	Unknown
	7-57 to 7-60	4-20-38	"	"	"
	10-132 to 10-135	4-24-38	"	"	"
	108-46 & 108-47	4-7-37	"	"	"
	108-39 to 108-42	4-7-37	"	"	"
	108-132 to 108-134	4-7-37	"	"	"
	129-34 to 129-36	5-7-37	"	"	"

## Tables of

Tide from (III): predicted tides, Reference station, Washington, D.C.  
with time correction for Blakistone Island, Md.

Mean Range: 1.9 ft.

Spring Range: 2.2 ft.

Camera: (Kind or source) U.S. Coast and Geodetic Survey, nine lens  
camera (focal length 8 $\frac{1}{2}$ " ) Single lens 9" x 9" contact prints obtained from Soil  
Conservation Service, U.S. Department of Agriculture.

Field Inspection by: Horizontal control: D.L.Greene, date: May-June 1942  
G.B. Wood, R.D. Trace

Field Edit by: Shoreline: J.C. Lajoye, R.D. Trace, C.O. Rector Aug. 1942  
Cultural features: H.R. Cravat date: Oct. 1942  
S.C. Dionisio

Edit By: Orvis N. Dalbey Mar.-Apr. 1943

Date of Mean High-Water Line Location (III):  
Same as date of nine lens photographs

Projection and Grids ruled by (III) C.H.R. date: 10-20-42

" " " checked by: Washington Office  
J.O.N. date: 11-5-42  
Washington Office

Control plotted by: C.L. Bailey date: 11-16-42

Control checked by: Joseph Steinberg date: 11-23-42

Radial Plot by: J. Edward Deal, Jr. Joseph Steinberg date: 12-15-42

Detailed by: A.C. Rauck, Jr. date: 1-6-43  
1-23-43

Reviewed in compilation office by: William H. VanLoon date: Jan. 30 to Feb. 3

Elevations on Field Edit Sheet  
checked by: L.G. Chambers date: 4/9/43

### STATISTICS (III)

Land Area (Sq. Statute Miles): 12 sq. Statute Miles

Shoreline (More than 200 meters to opposite shore): 30 Statute miles

Shoreline (Less than 200 meters to opposite shore): 12 Statute miles

Number of Recoverable Topographic Stations established: 17

Number of Temporary Hydrographic Stations located by radial plot: 5

Leveling (to control contours) - miles: 7.0

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: Contours by: G.A. Varnadoe, J. N. Henningsen  
H. R. Cravat  
August to October, 1942



FIELD INSPECTION REPORT  
QUADRANGLE T-8140  
F. L. Gallen, Chief of Party  
Project CS- 278-A

1. DESCRIPTION OF AREA - South of the Potomac River, and east of Nomini Creek, the land is flat and the elevation varies between 10 and slightly less than 20 feet, with a small bluff along the shoreline of the Potomac River, and the small, indenting tidal streams. There is one small knoll above the 20 foot contour. West of Nomini Creek the bluff along the streams is higher, approaching 30 feet in places, and the 20 foot contour tends to follow the shoreline.

The only marsh area is along and usually at the head of the tidal streams.

The roads and cleared areas are on the higher land. The area is about equally divided between cleared areas and timbered areas and the timber is usually a heavy growth of mixed pine and deciduous trees with a heavy undergrowth.

North of the Potomac River, the land on Newton Neck and on the near portions of the adjacent peninsulas included in this quadrangle is similar to the above land east of Nomini Creek with the exception of the northeast corner of the quadrangle where the land gradually rises to about 40 feet in elevation and the bluff along Breton Bay slightly exceeds 20 feet in elevation.

2. COMPLETENESS OF FIELD INSPECTION. - The field inspection is complete in all details except for the buildings on the east bank of the small stream entering the Potomac River, about 1 mile south of the northeast corner of the quadrangle. Bench Mark Q-259 will have to be located on the Map Manuscript by planetable traverse. It is in woods and could not be located on the photograph.

3. 4. and 5. Same as for T-8148.

6. Same as for T-8148.

Level lines do not extend down all of the small peninsulas south of the Potomac River, but the areas were inspected for possible contours at the time the field inspection was done. Traverse lines were not run through the woods looking for contours, for visual inspection indicated the absence of areas above the 20 foot contour.

No elevations were placed on Blackstone Island for an inspection of the island indicated that it was below the 20 foot contour. If elevations are desired on this island they can be placed on the Map Manuscript.

7. to 16. Same as for T-8148.

17. BOUNDARY MONUMENTS AND LINES - The Maryland-Virginia State line will be added to the Map Manuscript.

The boundary line of the Naval Proving Ground on Newton Neck was placed on a Field Inspection photograph previously forwarded to Baltimore, also the inspection of Cultural Detail for this area. The land included in the Proving Ground is leased by the Federal Government for the duration of the War.

18. A report on Geographic Names has been forwarded by A. J. Wraight.

Submitted by,

*Gilbert R. Fish*

Gilbert R. Fish,  
Lieut. U. S. C. and Geodetic Survey

Approved and forwarded:

*F. L. Gallen*

F. L. Gallen,  
Chief of Party.

26. CONTROL:

Thirty-two (32) triangulation stations and three reference monuments adequately control the orientation of photographs whose centers fall on this map manuscript.

Eighteen of these control stations are within the detailed limits of this map manuscript and seventeen stations fall just outside the detailed limits.

Those stations within the detailed limits of this map manuscript are

Bettie, 1932 (U.S.N.R.) 1937  
Copsico, 1934  
Copsico R.M.3, 1934  
Lothrop 2, 1934  
Buckner, 1932  
Calhoon, 1932  
Feddle, 1932  
Grapevine, 1932  
Hollis, 1932  
Smarts, 1932  
Boundary Monument No. 19 (Va.) 1929  
Boundary Monument No. 20 (Va.) 1929  
Blakistone Island Lighthouse, 1860, 1929  
Murray, 1919, U.S.O.D. 1929  
Canoe R.M. 1908, M.S.F.S.  
Rails, 1908, M.S.F.S.  
St. Clement R.M., 1908, M.S.F.S.  
What, 1908, M.S.F.S.

Those stations just outside the detailed limits of this map manuscript are:

Abell, 1942  
Airway Beacon No. 9 C.A.A. 1942  
Leonardtown Catholic Church Spire, 1942  
Leonardtown Water Tank, 1934, 1942  
Beale, 1932  
Cupola, 1932  
Franklin, 1932  
Green, 1932  
Herbert, 1932  
Nigger, 1932  
Vaughan, 1932  
Boundary Monument No. 15 (Va.), 1929  
Ragged Point Lighthouse, 1919, 1929  
Cherry Cove, 1908 M.S.F.S.  
Compton, 1908, M.S.F.S.  
Mileys, 1908 M.S.F.S.  
Newton Neck Catholic Church, 1908

27. RADIAL PLOT

The Radial plot for this map manuscript was part of a combined plot covering five map manuscripts. A report on the combined plot for War Mapping Subproject CS 278 A of which this map manuscript is a part has previously been submitted.

28. DETAILING

9 lens and 9" x 9" single lens photographs were used to compile this map manuscript. The 9"x9" single lens photographs were used extensively in conjunction with the nine lens photographs for the interpretation of bluffs, buildings, and drainage shown on this map manuscript.

It was possible to compile most of the planimetric detail from the center chambers of nine lens photographs.

Field inspection provided sufficient data to delineate the shoreline and interior detail of this map manuscript.

29. SUPPLEMENTAL DATA

The following previous topographic surveys cover portions of this map manuscript.

<u>SURVEY NO.</u>	<u>DATE</u>	<u>SCALE</u>
T - 1103	1868 - 1904	1:20,000
T - 1104	1868 - 1904	1:20,000
T - 1105	1868 - 1904	1:20,000
T - 1581	1860 - 1904	1:20,000
T - 2598	1902	1:20,000
T - 2730	1905	1:20,000
T - 2748	1905	1:20,000
T - 2808	1906	1:20,000

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

30. MEAN HIGH WATER LINE.

The stage of tide of all 9 lens photographs was computed before any detailing was attempted.

The field inspection party provided satisfactory shoreline inspection data, which facilitated the location of the mean high water line.

31. LOW WATER AND SHOAL LINES

Low water areas were detailed as indicated by the field inspection data. Where small discrepancies appeared, a careful examination

of photographs was made to determine the correct interpretation. Such discrepancies are noted on the discrepancy overlay.

The field inspection party provided no data as to the location of shoal lines, these were detailed wherever they could be seen on the 9 lens photographs.

32. DETAILS OFFSHORE FROM THE HIGH WATER LINE.

There appears, on the 9 lens photographs, objects which may be piles or dolphins just north-northeast of Blakistone Island. These were detailed on the map manuscript and an appropriate note on the discrepancy overlay requests investigation during the field edit.

No other detail off shore from the high water line could be seen on the 9 lens photographs.

33. WHARVES AND SHORE LINE STRUCTURES

All wharves, piers, docks and rock jetties that could be seen on the 9 lens photographs and those that were identified by the field inspection party, were detailed on this map manuscript. Several piers have been selected and radially intersected as temporary hydrographic signal sites.

34. LANDMARKS AND AIDS TO NAVIGATION

There are three aids to navigation within the detailed limits of this map manuscript. They are:

White Point Light, F.W.  
Icehouse Point Light, FI.W 5 sec.  
Blakistone Island Shoal Light, FI.W. 3 sec.

The position of Blakistone Island Shoal Light has been established on this map manuscript by radial intersections, while White Point Light and Icehouse Point Light have been plotted by sextant fix.

Form No. 567 giving positions of the above lights is herewith submitted.

35. HYDROGRAPHIC CONTROL

Fifteen recoverable Topographic Stations which have been radially plotted and two Lighted aids to navigation located by sextant fixes are within the detailed limits of this map manuscript, and may be used for future hydrographic surveys.

Descriptions and geographic positions of these recoverable Topographic Stations and lights are submitted herewith on Form No. 524.



37. DISCREPANCY OVERLAY

A Discrepancy overlay has been prepared to accompany this map manuscript. On it, are noted such discrepancies and omissions as were observed during the detailing. Due to the satisfactory field inspection provided, only a few notes appear on the discrepancy overlay. Also shown are descriptions of 5 temporary hydrographic signal sites.

Names or numbers of all bench marks have also been recorded on the discrepancy overlay for the use of the Baltimore Compilation Office.

38. GEOGRAPHIC NAMES

Only undisputed geographic names as prepared and furnished by the field inspection party, appear on this map manuscript.

A complete geographic name list, designating undisputed names, disputed names and recommended names, has been prepared by this compilation office and is attached to this report.

The name Blackstone Island has been shown on the field inspection party's Geographic Name List. The U. S. Coast and Geodetic Survey Tide Tables list this island as Blakiston Island, and the U. S. Coast Guard Light List as Blakistone Island. The U. S. Coast and Geodetic Survey Chart No. 558 also indicates this island as Blakiston Island. This name has been shown on this map manuscript as Blakistone Island as listed in description of triangulation stations of Blakistone Island Lighthouse. It is recommended that this geographic name be investigated during the field edit.

*Blakiston  
is revised USCB  
decision in  
MWD  
L.H.*

39. HORIZONTAL ACCURACY

The horizontal accuracy of this Map manuscript is believed to be within the limits as set forth, for well defined points and less well defined points of detail, 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 corrections, additions, and deletions by the field edit party.

41. JUNCTIONS

The following satisfactory junctions with this map manuscript have been completed:



To the east - T-8139  
To the south - T-8145  
To the west - T-8141

Survey T-8142 to the north has not been detailed,  
but a junction of common points has been made.

42. AZIMUTH REFERENCE MONUMENTS

There is one azimuth reference monument which falls within the detailed limits of this map manuscript, namely: Lothrop 2, 1934, R.M.3. The description and geographic position is submitted herewith on Form No. 524.

43. REMARKS

The area within the limits of this map manuscript consists of approximately 25% land area and 75% water area. The land area being divided by the Potomac River, presents a considerable length of shoreline, which is extensively indented by Bays, creeks, and inlets.

The field inspection party has provided an adequate description of the land area covered by this map manuscript.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES.

Comparison was made with the Maryland, Virginia Piney Point Quadrangle, U. S. Geological Survey, edition of 1901, scale 1:62,500. The general appearance of the highways, creeks and shoreline appears to be in agreement, but due to the great scale difference a thorough comparison was not made.

45. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with U.S. Coast and Geodetic Survey Chart No. 558, re-issue of 1938, scale 1:40,000, and found to be in good agreement, with the following exception:

The island in the Potomac River and Nomini Bay, known as Hollis Marsh is indicated on Chart No. 558 as an all marsh island, but this island is now hard, fast land, overgrown in sections with young cedar trees and fringed with small marshes on the southwestern side.

Chart 558 shows three small ponds on Machodoc Neck which are patches of marsh on Survey T-8140. One of these ponds appears just east of Bettys Pond and the other two appear just west of Bettys Pond on the chart.

Upon completion of the field edit, this map manuscript will adequately portray all topographic and shoreline detail and should supersede the previously charted topographic information in this area.

Respectfully submitted,  
February 9, 1943.

Albert C. Rauck, Jr.  
Albert C. Rauck, Jr.  
Photogrammetric Aid

Map Manuscript, discrepancy Overlay  
and description report, reviewed by

William H. Van Loon  
William H. Van Loon  
Prin. Photogrammetric Aid

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,

Fred. L. Peacock  
Fred. L. Peacock  
Officer in Charge  
Baltimore Field Office



FIELD EDIT REPORT  
TO ACCOMPANY  
DESCRIPTIVE REPORT ON QUADRANGLE T-8140

46. The field edit was done by visual inspection on the field edit sheet and transferred to the smooth sheet in the office.

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, elevations by topo.	Brown
Drainage features	Blue
Civil Boundaries	Violet

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

48. The horizontal accuracy test was run in quadrangle <sup>T-8116,</sup> T-8138 and quadrangle T-8139.

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

11. All aids to navigation were checked by planetable.

The positions for two lights are submitted on form 567.

17. Due to the controversial nature of the Maryland-Virginia boundary, the exact location was left to be determined in Washington, D. C.  
*Added in Washington office.*

Respectfully submitted,

*Orvis N. Dalbey*  
Orvis N. Dalbey, *per F.L.G.*  
Photogrammetric Aid.

Approved and forwarded:

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

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

Chart letter 287, 1949

## LANDMARKS FOR CHARTS AIDS TO NAVIGATION

**STRIKE OUT ONE**

Marylne Beach, S. C. April 12 1943

I recommend that the following objects which have (have 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.

[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

- |                                      |  |
|--------------------------------------|--|
| ✓Aimes Creek                         | ✓Lower Machodoc River <i>Creek / V.S. 6.13</i> |
| ✓Back Creek                          | ✓Machodoc Neck                                 |
| ✓Beatley Point                       | ✓Matthews Cove                                 |
| ✓Bellfield Cove                      | ✓Matthews Point                                |
| ✓Bettys Pond                         | ✓Medley Creek                                  |
| ✓Blakistone Island *                 | ✓Medley Neck <i>Newtown Neck</i>               |
| ✓Breton Bay                          | ✓Newtown Neck Proving Ground                   |
| ✓Buckner Creek                       | ✓Nomini Bay                                    |
| ✓Cabin Point                         | ✓North Prong                                   |
| ✓Cabin Point Creek                   | ✓Orchard Cove (Nomini Creek)                   |
| ✓Cedar Island                        | ✓Orchard Cove (Lower Machodoc River)           |
| ✓Clem Point                          | ✓Payne Point                                   |
| ✓Coles Point                         | ✓Poor Jack Creek                               |
| ✓Coles Point Neck <i>(V.S. 6.13)</i> | ✓Potomac River                                 |
| ✓Cornish Point                       | ✓Protestant Point                              |
| ✓Currioman Bay                       | ✓Raccoon Cove                                  |
| ✓Danger Point                        | ✓St. Clement Bay                               |
| ✓Elbow Point                         | ✓St. Marys County                              |
| ✓Fresh Pond                          | ✓St. Patrick Creek                             |
| ✓Glebe Creek                         | ✓Sandyland Beach                               |
| ✓Glebe Point                         | ✓Shipping Point                                |
| ✓Kaywood Point                       | ✓Smarts Creek                                  |
| ✓Heron Island                        | ✓Stoney Bar                                    |
| ✓Heron Island Bar                    | ✓Trader Hollow                                 |
| ✓Herring Pond                        | ✓Weatherall Creek                              |
| ✓Hollis Marsh                        | Westmoreland County                            |
| ✓Icehouse Point                      | ✓White Oak Point                               |
| ✓Kingcopsico Point                   | White Point                                    |
| ✓Linton Point                        |  |
| ✓Long Point                          |  |

\*See paragraph 38



GEOGRAPHIC NAMES

DISPUTED

Barnes Point

Cole Point

Higgin Point

*- V. St. B*  
*Higgins Pt. - V. St. B*

RECOMMENDED

Grapevine Point

Coles Point

Higgins Point

T-8140

No. 1

Remarks

Decisions

1		
2		
3		
4		
5		USGB
6		381766 "
7		" "
8		"
9		" USGB
10		" "
11	Delete	"
12		" USGB
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		"
25		"
26		"
27		"



# GEOGRAPHIC NAMES

Survey No. T-8140

BLAKISTON (MD-VA) quad.

No. 1 Name on Survey

	A	B	C	D	E	F	G	H	K	
Note that the name BLAKISTONE was originally assigned to this quadrangle.										1
Commander Addams wrote several months ago to the U.S.G.S., suggesting change to BLAKISTON, since the U.S. Board on Geographical Names revised the name of Blakistone Island to that spelling in 1940. Check to see what reply was received from the U.S.G.S.										2
<del>BLAKISTON ISLAND</del> — Letter from U.S.G.S. Nov 21, 1942. Also Dec 26, 1942.										3
Potomac River	✓									4
Coles Neck	✓									5
Coles Point (north end Coles Neck)	✓									6
Stony Bar	✓									7
Barnes Point	✓									8
Lower Machodoc Creek	✓									9
Coles Point (point on east side L. Mach. Creek: reject)	✓									10
Coles Point (village)	✓									11
Bellfield Cove	✓									12
Orchard Cove		not shown								13
Beatley Point	✓									14
Trader Hollow		not shown								15
Danger Point	✓									16
Glebe Creek	✓									17
Aimes Creek	✓									18
Linton Point	✓									19
Weatherall Creek	✓									20
Glebe Point	✓									21
Cabin Point	✓									22
Cabin Point Creek	✓									23
Bettys Pond	✓									24
Machodoc Neck	✓									25
Herring Pond	✓									26
										27



T-8140

No.. 2

Remarks

Decisions

1		381767
2		"
3		"
4		"
5		"
6		"
7		"
8		"
9	<i>same on Low. Maco Creek</i>	"
10	<i>same on Low. Maco Creek</i>	"
11		"
12		"
13		"
14		"
15		"
16		"
17		" USGB
18		"
19	<i>Not to be shown in this sheet</i>	"
20		382766
21		"
22		"
23		"
24		" USGB
25		" "
26		"
27		382767

# GEOGRAPHIC NAMES

Survey No. T-8140

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>Kingcopsico Point</u>	✓								1
<del>Marion's Cove</del>									2
<u>Nomini Bay</u>	✓								3
<u>White Point</u>	✓								4
<u>North Prong</u>	✓								5
<u>Buckner Creek</u>	✓								6
<u>Raccoon Cove</u>	✓								7
<u>Icehouse Point</u>	✓								8
<u>Orchard Cove</u>	✓								9
<u>White Oak Point</u>	✓								10
<u>Nomini Creek</u>	✓								11
<u>Matthews Cove</u>	✓								12
<u>Matthews Point</u>	✓								13
<u>Cedar Island</u>	✓								14
<u>Smarts Creek</u>	✓								15
<u>Poor Jack Creek</u>	✓								16
<u>Currioman Bay</u>	✓								17
<u>Elbow Point</u>	✓								18
<u>Hollis Marsh</u>	✓								19
<u>Flood Creek</u>	✓	(only part of its mouth on this quad.)							20
<u>Medley Creek</u>	✓								21
<u>Medley Neck</u>	✓								22
<u>Sandyland Beach</u>	✓								23
<u>Huggins Point</u>	✓								24
<u>Breton Bay</u>	✓								25
<u>Protestant Point</u>	✓								26
<u>Newtown Neck</u>									27



T-8140

No. 3

Remarks

Decisions

1		382767
2		"
3		"
4		"
5		"
6		"
7		"
8		" USGB
9		"
10		"
11		"
12	See note on No. 1 re this name.	" USGB
13		"
14		"
15		
16		USGB
17		
18		
19		
20		St. Marys County Map
21		"
22	Not Va. - County - not shown	
23		
24		
25		
26		
27		



# GEOGRAPHIC NAMES

Survey No. T-8140

No. 3

Name on Survey

	A	B	C	D	E	F	G	H	K	
Newtown Neck Proving Ground		✓								1
Kaywood Point		✓								2
Payne Point		✓								3
Fresh Pond		✓								4
Clem Point		✓								5
Cornish Point		✓								6
Long Point		✓								7
St. Clement Bay		✓								8
Shipping Point		✓								9
Back Creek		✓								10
St. Patrick Creek		✓								11
Blakiston Island		✓								12
Heron Island		not shown								13
Heron Island Bar		✓								14
										15
St. Marys County		✓								16
Westmoreland County		✓								17
Cople District	Va.	✓								18
Montross District	"	✓								19
Leonardtown No. 3	Md.	✓								20
Milestown No. 7	"	✓								21
Va. Highway No. 612										22
										23
										24
										25
										26
										27

Names underlined in red approved

by L. Heck on 6/5/43



## 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.  
published quadrangle at 1:20,000 scale.  
Black and white cloth-mounted copy of the ~~map~~ <sup>published quadrangle at 1:20,000 scale.</sup>  
~~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.S278-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, 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 ~~Temper~~ 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-8140

BLAKISTON ISLAND 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 - Refer to the Descriptive Report for T-8116 for a copy of the result of the horizontal accuracy test over the adjacent area. This test was accepted as satisfactory. The closest vertical accuracy test was performed on T-8139 by contouring the same area on two field photographs, 8918 and 8919. This test was satisfactory.  
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-1104	1868	1:20,000	
T-1103	1868	1:20,000	
T-2598	1902	1:20,000	
T-2808	1906	1:20,000	
"Piney Point"	1901	1:62,500	U.S.G.S.

Comparison with Nautical Charts No. 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 were apparent.

*also, see par 45, page 8 of the descriptive report. 1399*

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

Only corrections of a minor nature were necessary on this map manuscript.

Reviewed W.W. St. John By 5/12/43  
under direction of D. H. Benson

Inspected by B. G. Jones *BJJ*

Examined and approved:

Robert W. Knox  
Chief, Surveys Branch

K. T. Adams  
Chief, Topography Section

J. B. Bond  
Chief, Div. of Charts

F. H. Hude  
Chief, Div. of Coastal  
Surveys



## NAUTICAL CHARTS BRANCH

SURVEY NO. 8140

### Record of Application to Charts

[illegible]

M-2168-1

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.