

original copy

8138

00
00
1
00

Form 504	
U. S. COAST AND GEODETIC SURVEY	
DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey <u>Air Photographic Topographic</u>	
Field No. <u>39</u>	Office No. <u>T-8138</u>
LOCALITY	
State <u>Maryland</u>	
General locality <u>Chesapeake Bay (Western Shore)</u>	
Locality <u>St. Marys City, Maryland</u>	
<u>1943</u>	
CHIEF OF PARTY F. L. Gallen Fred. L. Peacock	
LIBRARY & ARCHIVES	
DATE _____	

DATA RECORD

T- 8138

Quadrangle (II):

St. Marys City 7 $\frac{1}{2}$ ' Quadrangle
 Point Lookout 15' Quadrangle
 Field Office:

War Mapping Field Party No. 1
 Compilation Office:

Baltimore Field Office

Instructions dated (II III):

March 4, 27; June 5, 24;
 Aug. 13; 27; Sept: 3, 4;) 1942

Completed survey received in office: 3/12/43

Project No. (II):

CS-278-A

Chief of Party:

Wm. D. Patterson

F. L. Gallen

Chief of Party:

Fred. L. Peacock

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

Reported to Nautical Chart Section: 3/43

Reviewed: 5/15/43

Applied to chart No.

Date:

Redrafting Completed: 9/4/43

Registered: 1/18/45

Published: 4/4/44

Compilation Scale:

1:20,000 x 1.0079=1:20,158

Scale Factor (III):

0.99216

Published Scale: 1:31,680

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

Reference Station (III): Norris, 1942

Lat.: 38° 11' 51.393 1584.6m Long.: 76° 23' 40.895 995.1m Adjusted
 (265.4)m (464.9)m ~~Unadjusted~~

State Plane Coordinates (VI): Maryland grid shown

No coordinates available
 X = Y =

Military Grid Zone (VI)

A

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
<u>Nine Lens</u>				
8903	4/15/42	1:37p.m.	1:20,000	1.5' above M.L.W.
8904	4/15/42	1:38p.m.	1:20,000	1.5' above M.L.W.
8916 to 8919 Inc.	4/15/42	2:02 - 2:06p.m.	1:20,000	1.5' above M.L.W.
✓8931 to 8933 Inc.	4/15/42	2:29 - 2:31p.m.	1:20,000	1.4' above M.L.W.
✓8936	4/15/42	2:41p.m.	1:20,000	1.4' above M.L.W.
<u>Single Lens</u>				
AHX 10-19 to AHX 10-39	4/24/38	unknown	1:20,000	unknown
AHX 10-72 to AHX 10-79	4/24/38	unknown	1:20,000	unknown
AHX 10-84 to AHX 10-92	4/24/38	unknown	1:20,000	unknown

Tide from (III): Tables of Predicted Tides, Reference Station Washington, D.C.
with time correction for St. Marys, St. Marys River, Md.

Mean Range: 1.5' Spring Range: 1.7'

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

Field Inspection by: Horizontal Control: D. L. Greene date: May-July, 1942

Shoreline: R. D. Trace, J. C. Lajoie August, 1942

Cultural Features: G.E. Varnadoe, S.C. Dionisio Aug-Nov., 1942

Field Edit by: & T. A. Zary date: March, 1943

Mar. O. N. Dalbey

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

same as date of nine lens photographs

Projection and Grids ruled by (III) W.C.B. Washington date: Sept., 1942
Off.

" " " checked by: Washington Office date: Oct. 7, 1942

Control plotted by: J. Edward Deal, Jr. date: Oct. 27, 1942

Control checked by: Joseph Steinberg date: Oct. 29, 1942

Radial Plot by: Joseph Steinberg & J. Edward Deal, Jr. date: 11/7-9/42

Detailed by: John M. Reinoldi date: 11/19/42 to
2/11/43

Reviewed in compilation office by: Wm. H. VanLoon date: 2/1-11/43

Elevations on Field Edit Sheet
checked by: L.G. Chambers date: 3/27/43

STATISTICS (III)

Land Area (Sq. Statute Miles): 48.2

Shoreline (More than 200 meters to opposite shore): 41.6 Statute Miles

Shoreline (Less than 200 meters to opposite shore): 26.4 Statute Miles

Number of Recoverable Topographic Stations established: 35 Stations

Number of Temporary Hydrographic Stations located by radial plot:

none

Leveling (to control contours) ^{Statute} -/miles: 23.6

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 T. A. Zary, G. E. Varnadoe - (N.W. corner) Aug.-Dec., 1942

FIELD INSPECTION REPORT
QUADRANGLE T-8138
F. L. Gallen, Chief of Party

1. DESCRIPTION OF AREA - This quadrangle covers part of two peninsulas lying between the Chesapeake Bay and the St. Marys River, and the latter stream and the Potomac River respectively. Both rivers are tidal streams in their lower reaches. Near the south edge of the quadrangle and the mouth of the St. Marys River the land is low and flat and mostly below the 20 foot contour. A narrower strip of similar type is found along the Chesapeake Bay in the northeast corner of the quadrangle. Farther north up the St. Marys River the upland approaches the river more closely and in places rises directly from the waters edge. The slopes at the edge of the upland are usually fairly steep but the top of the upland is flat to rolling except where it is cut up by stream valleys. Most of the drainage is to the St. Marys River (See Report for T-8114 for the character of valleys and streams). The average elevation of the upland is about 100 feet and reaches a maximum of about 120 feet in a few places.

There is usually a bluff of varying height along the tidal streams and the Chesapeake Bay, and usually a narrow, sand beach at the foot of the bluff. Small to moderate sized areas of marsh are found on some points of land near the south edge of the quadrangle, and in the vicinity of some of the small, indenting streams.

About 2/3 of the area is wooded with pine and deciduous trees and there is usually a light to heavy growth of underbrush. Pine trees predominate at the higher elevations and deciduous trees at the lower elevations. This is also applicable to the flat land at the lower elevations.

2. COMPLETENESS OF FIELD INSPECTION See Report for T-8114.

Roads or trails not visible on the photographs but now shows with a dotted red line have been traversed with the planetable.

3. INTERPRETATION OF PHOTOGRAPHS The photographs are typical for this section of the country. The only difficult interpretation is distinguishing areas covered by young pine trees from cleared but unplowed land. Each of these types appear as a solid iron-gray color, with the young pine areas probably a trifle mottled looking.

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

6. CONTOURS AND DRAINAGE - The Abney Hand Level was also used to obtain supplemental elevations in conjunction with a graduated rope 100 feet long for a chain, and a small direct reading compass for direction. Traverses were usually run between points established with the planetable and the vertical closure was usually less than 2 feet. On short

traverses up to 3 or 4 hundred feet long pacing was found more expedient than the rope for measuring distance.

The positions of streams as drawn in under the stereoscope were checked where convenient in conjunction with the contouring but no attempt was made to trace the streams by planetable traverse.

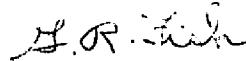
Vertical traverses were usually closed within 1 foot.

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

17. BOUNDARY MONUMENTS AND LINES - The Cedar Point Naval Air Station Reservation slightly indents the north boundary of this quadrangle. The boundary line information will be submitted with the Report for T-8116.

18. Same as for T-8114.

Submitted by,



G. R. Fish,
Lieutenant, U. S. C. and G. S.

Approved and forwarded:



F. L. Gallen,
Chief, of Party.

26 Control:

Seventeen U. S. Coast & Geodetic Survey Triangulation Stations and three Reference Monuments fall within the limits of this map manuscript. Twelve triangulation stations fall just beyond the limits of this map manuscript. Those triangulation stations within the limits are:

Great Mills Lookout Tower, 1942
Hammett, 1908
Bend, 1908
St. Mary City W. T., 1942
St. Marys Epis. Church, 1908
Calvert Monument, 1908
Straits, 1908
Firing Point Front Range, 1919
Rod, 1908
Chestnut, 1908
Flat, 1908
Norris, 1942
Martin, 1908
St. Inigoes Ch. Cross, 1908
Church, 1908
Tenuate, 1908
Soak, R.M., 1908
Coombs Firing Pt. Rear Range, R.M., 1908, 1919
Fort, R.M., 1908
Ford, 1908, M.S.F.S.

The triangulation stations just beyond the limits are:

Hewitt, 1934
Lowell, 1908
Piney Point, W.T., 1942
Smack, 1908
4000 yd. Rear Range, 1919
Stung, 1908
Oak, 1908
Out, 1908
Ridge, 1942
Collison, 1942
8000 yd. Rear Range, 1919
Chase, 1942

27 Radial Plot:

The radial plot for T-8138 is described in Section 3 of the descriptive report of the radial plot for War Mapping sub-projects CS-278-a and CS-278-D which has been previously submitted. *Filed in*

Photogrammetric Section.
28 Detailing:

Nine lens photographs were used for detailing this map manuscript. The small single lens photographs were used extensively as supplementary reference in cases where definition on the nine lens photographs was poor. The stereoscope was used in the interpretation of additional marsh areas and all drainage.

28 Detailing: (cont'd)

Field inspection was satisfactory as to elevations, contours and buildings. Cultural detail and shoreline were in some instances incomplete, but in general were well covered by the field inspection.

29 Supplemental Data:

Previous Surveys T-2747, H-2923, T-2655, T-1103, T-257, T-776 and T-804 cover the detailed portion of this survey. However, copies of these surveys are not available to this compilation office.

30 Mean High Water Line:

The mean high water line was detailed in accordance with the field inspection, making use of the stereoscope to interpret those sections not indicated by field inspection.

31 Low Water & Shoal Lines:

There are no low water areas shown on this map manuscript and none were indicated by field inspection or discernible to the compiler from examination of the photographs. The shoal areas on the nine lens photographs were indistinct in most cases. 9" x 9" single lens Soil Conservation photographs were used for this delineation.

32 Details Offshore from the High Water Line:

Three islands appear offshore from the high water line on this map manuscript.

One is in St. Marys River off Warehouse Point and the other two are in St. George Creek off Taylor Pt. and Coad Bar respectively.

33 Wharves and Shoreline Structures:

Wharves and shoreline structures were detailed after a careful study had been made of the office photographs, in conjunction with the field inspection.

34 Landmarks and Aids to Navigation:

No landmarks appear upon this survey, but there are six aids to Navigation. They are:

- Priests Point F. W. (lighted beacon)
- Triangular Day Beacon No. 3 (St. George Creek Channel)
- Triangular Day Beacon No. 7 (St. George Creek at Bridge Channel)
- Triangular Day Beacon No. 6 (St. George Creek)
- Triangular Day Beacon No. 8 (St. George Creek)
- Triangular Day Beacon No. 2 (St. George Creek)

Form No. 567 is submitted herewith, giving the recommended positions of these aids to navigation as established by sextant fix.

34 Landmarks and Aids to Navigation: (cont'd)

In plotting Triangular Day Beacon No. 2, the angle between recoverable topographic stations "Sad" and "Ire", in the sextant fix, submitted by the field inspection party, could not be held. It is believed to be an error caused by observing upon a wrong object.

35 Hydrographic Control:

There are 31 Recoverable Topographic Stations within the limits, and one station just beyond the southern limit of this map manuscript, which may be used for any future Hydrographic surveys. The station which falls just beyond the southern limit, namely, Day Beacon No. 2, was omitted on Survey No. T-8147 and has been plotted on T-8138 and listed herein.

Those stations within the limits of this map manuscript and the one station just beyond the southern limits of this map manuscript are:

Sad	Bark	Bulk	Ed
Sat	Ann	How	Ruth
Cupola	Sand	Lest	Priests Point F. W.
Hash	West	Lone	Day Beacon No. 3 (St. George Creek Channel)
Fore	Tank	Maria	Day Beacon No. 57 (St. George Creek at Bridge)
Don	Sue	Mary	Day Beacon No. 6 (St. George Creek) Channel)
Bess	Head	Run	Day Beacon No. 8 (St. George Creek)
Joe	Bill	Ora	Day Beacon No. 2 (St. George Creek)

In addition, two other Recoverable Topographic Stations which would be of no use for any future Hydrographic Surveys, have been radially plotted, namely:

Md. Geodetic ~~Society~~ ^{Survey}, "A"
Md. Geodetic ~~Society~~ ^{Survey}, "B"

Descriptions for these stations are submitted herewith on Form No. 524.

36 Azimuth Reference Monuments:

One Azimuth Reference Monument falls within the limits of this survey, namely:

Norris Azimuth R. M., 1942

A description of this Azimuth Reference Monument is submitted herewith on Form No. 524.

37 Geographic Names:

A list of undisputed, disputed and recommended Geographic names has been prepared to accompany this map manuscript. Only those Geographic names which are undisputed have been shown on this map manuscript.

38 Discrepancy Overlay:

A discrepancy overlay has been prepared to accompany this map manuscript. On it are noted requests for any additional information needed to make this map manuscript complete. Questions concerning correct interpretation, and notes such as are deemed likely to be of assistance during the field edit are noted thereon. Also shown, for the records of the Baltimore Compilation Office, are the names or numbers of bench marks.

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 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 satisfactory junctions have been made with Survey T-8138.

Survey No. T-8116 - to the North
Survey No. T-8137 - to the East
Survey No. T-8147 - to the South
Survey No. T-8139 - to the West

42 Remarks:

The field inspection report adequately describes the area covered by Survey No. T-8138.

44 Comparison with Existing Topographic Quadrangles:

Because of scale differences, a satisfactory comparison of this survey with the U. S. Geological Survey Quadrangle of this area could not be made, but an approximate comparison reveals a close agreement with one exception; Taylor Point, which is shown on the U. S. Geological 15 minute Md. & Va. Pt. Lookout Quadrangle as a point of land is now an island at high water.

45 Comparison with Nautical Charts:

In comparing this map manuscript with Chart No. 557 issued July 29, 1942; it is noted that Taylor Point mentioned in Paragraph 44 above, is shown as part of the mainland and not as an island.

At Coad Pt., a sizeable inlet appears which is not shown on Chart No. 557.

At Coad Bar, the neck of land shown on Chart No. 557 is now separated from the mainland, and appears as a small marsh island.

45 Comparison with Nautical Charts: (cont'd)

A pond at Portobello Pt., shown on Chart No. 557, is not visible on any office photographs.

The inlet at Eastern Branch, shown entirely as water area on Chart No. 557, now appears to be partially composed of marsh.

Lucas Cove, as shown on Survey T-8138, appears much longer and considerably different in azimuth to that shown on Chart No. 557.

Respectfully submitted,
March 9, 1943

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

Map Manuscript, Discrepancy
Overlay and Descriptive Re-
port reviewed by:

Wm. H. Van Loon
Wm. H. VanLoon
Pr. Photogrammetric Aid

Compilation of Map Manuscript
Supervised by

Joseph Steinberg
Joseph Steinberg
Asst. Photogrammetric Engineer

and

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

Approved & Forwarded:

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

LIST OF GEOGRAPHIC NAMES

Undisputed

Adams Creek	Langley Hollow
Barnes Cove	Long Point
Beachville	Lucas Cove
Beaverdam Cr.	Martin Cove
Broom Creek	Martin Point
Broomes Wharf	Milburn Creek
Buzzard Point	Mill Creek
Calloway Ldg.	Molls Cove
Camp Cherry Fields	Norris Pond
Carthage Creek	Pagan Point
Carthage Flats	Page Pond
Cedar Bar	Park Hall
Cedar Ldg.	Penbrook Run
Cedar Point	Pine Ldg.
Chancellor Point	Portobello Pt.
Cherryfield Pond	Priests Point
Cherryfield Point	Rose Croft Point
Church Cove	St. George Creek
Church Creek	St. George Island
Church Point	St. George Island Bridge (v) (x.)
Coad Point	St. Ingoes
Cooper Creek	St. Ingoes Creek
Craney Creek	St. Ingoes Neck
Deep Point	St. James
Dennis Point	Schoolhouse Bridge
Dodson Point	Sharks Hole
Drayden	Short Point
Fishermans Creek	Snow Hill Branch
Flower O' Th' Forest	Tarkhill Cove
Fodder House Cove	Tarkhill Point
Fort Point	Taylor Cove
Grayson Wharf	Taylor Point
Graveyard Point	The Villa
Great Mills	Thompson Creek
Great Mills Forest Fire Lookout Tower	Three Notch Road
Greens Rest Run	Tippitt Pond
Hermanville	Turkey Neck
Hilton Run	Turkey Neck Creek
Horseshoe Bend	Walnut Point
Horseshoe Point	Warehouse Point
Johnny Ldg.	Warehouse Run
Josh Point	West St. Marys
Jutland Creek	Wheritts Pond
Jutland Neck	Wise Marsh
	Wreck Cove
	Yellow Banks

LIST OF GEOGRAPHIC NAMES

<u>Recommended</u>	<u>Disputed</u>
Eastern Branch	East Branch East Run
Edmond Point	Pond Point
Goose Point	Price Point
Orchard Point	Wheatley Point
Portobello	Port Bello
Price Cove	Price Creek
St. Mary's City	St. Mary St. Marys
St. Mary's River S.	St. Mary River St. Marys River
Tippity Wichity Is.	Lynch Island Hogate Island
Windmill Point,	Coppage Point

FIELD EDIT REPORT
T - 8138

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

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 map manuscript is believed to be accurate and complete.

48. The horizontal accuracy test was run in quadrangle ^{T-8116,} T-8138 and quadrangle T-8139.

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

11. All aids to navigation were checked by planetable. One new light was added.

13. The boundary line for the Outlying Field, - Priest's Point, Patuxent River - Naval Air Station is shown on this map manuscript.

14. The roads on this peninsula, which are of light structure, are in poor condition due to defense construction, and are poorly maintained.

Approved and forwarded:

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

Respectfully submitted by,

Orvis N. Dalbey
Orvis N. Dalbey,
Photogrammetric Aid.

TO BE CHARTED
~~TO BE DELETED~~ } STRIKE OUT ONE

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.

Myrtle Beach, S. C.

APR 11 1st, 1943

F. L. 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.

T-8138

No. 1

Remarks

Decisions

1		USGB
2		"
3		381764 "
4		381763
5		"
6		" USGB
7		"
8		"
9		382763
10		"
11		"
12		"
13		"
14		"
15		"
16		382764
17		" USGB
18		"
19		"
20		"
21		"
22		"
23		" USGB
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8138

ST. MARYS CITY quadrangle

No. 1 Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
A	B	C	D	E	F	G	H	K	
Chesapeake Bay ✓✓	✓								1
St. Marys County ✓	✓								2
St. Marys River ✓✓ (main stream)	✓								3
Blue Gull Hill	on	T-8147							4
Jutland Creek ✓✓	✓								5
St. Inigoes ✓✓	✓								6
Three Notch Road ✓✓	✓								7
St. James ✓✓	✓								8
Wise Marsh ✓✓	✓								9
Page Pond ✓✓	✓								10
Tippitt Pond ✓✓	✓								11
Norris Pond ✓✓	✓								12
Beaverdam Creek ✓✓	✓								13
Turkey Neck ✓✓	✓								14
Turkey Neck Creek ✓✓	✓								15
Hermanville ✓✓	✓								16
Eastern Branch ✓✓	✓								17
Penbrook Run ✓✓	✓								18
Flower o'th'Forest ✓✓ (hill)	✓								19
Hilton Run ✓✓	✓								20
Great Mills ✓✓	✓								21
Great Mills Forest Fire Lookout Tower ✓✓ (Tower only)	✓								22
St. Marys River ✓✓ (northwesterly continuation of stream)	✓								23
Warehouse Run ✓✓	✓								24
Greens Rest Run ✓✓	✓								25
Warehouse Point ✓✓	✓								26
Craney Creek ✓✓	✓								27

T-8138

No. 2

Remarks

Decisions

1		382764
2		"
3		"
4		"
5		"
6		"
7		" USGB
8		381764
9		"
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		" USGB
18		"
19		"
20		"
21		"
22		"
23		"
24		"
25		" USGB
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8138

No. 2

Name on Survey

	A	B	C	D	E	F	G	H	K	
<u>Frog Marshes</u> ✓✓	✓									1
<u>Long Point</u> ✓✓	✓									2
<u>Snow Hill Branch</u> ✓✓	✓									3
<u>Park Hall</u> ✓✓	✓									4
<u>Martin Point</u> ✓✓	✓									5
<u>Martin Cove</u> ✓✓	✓									6
<u>Tippity Michity Island</u> ✓✓	✓									7
<u>Short Point</u> ✓✓	✓									8
<u>Pacan Point</u> ✓✓	✓									9
<u>Bettys Cove</u> ✓✓	✓									10
<u>Horseshoe Point</u> ✓✓	✓									11
<u>Horseshoe Bend</u> ✓✓	✓									12
<u>Yellows Banks</u> ✓✓	✓									13
<u>Fisherman Creek</u> ✓✓	✓									14
<u>Therritts Pond</u> ✓✓	✓									15
<u>Mill Creek</u> ✓✓	✓									16
<u>St. Marys City</u> ✓✓	✓									17
<u>Church Point</u> ✓✓	✓									18
<u>Broomes Wharf</u> ✓✓	✓									19
<u>Deep Point</u> ✓✓	✓									20
<u>West St. Marys</u> ✓✓	✓									21
<u>Orchard Point</u> ✓✓	✓									22
<u>Wheatley Creek</u> ✓✓	✓									23
<u>Portobello</u> ✓✓	✓									24
<u>Portobello Point</u> ✓✓	✓									25
<u>Cedar Bar</u> ✓✓	✓									26
<u>Cooper Creek</u> ✓✓	✓									27

T-8138

No. 3

Remarks

Decisions

1		381764
2		"
3		"
4		"
5		"
6		"
7		" USGB
8		"
9		"
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		" USGB
24		"
25		" USGB
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-8138

No. 3

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	
Calloway Landing ✓✓	✓								1
Drayden ✓✓	✓								2
Windmill Point ✓✓	✓								3
Thompson Creek ✓✓	✓	/							4
Sharks Hole ✓									5
J. sh Point ✓✓	✓								6
Carthagena Creek ✓✓	✓								7
Dennis Point ✓✓	✓								8
Barnes Cove ✓✓	✓								9
Walnut Point ✓✓	✓								10
Wreck Cove ✓✓	✓								11
Johnny Landing ✓✓	✓								12
Carthagena Flats ✓✓	✓								13
Pine Landing ✓✓	✓								14
Adams Creek ✓✓	✓								15
Buzzard Point ✓✓	✓								16
Podder House Cove ✓✓	✓								17
Coad Point ✓✓	✓								18
Cedar Landing ✓✓	✓								19
Camp Cherry Fields ✓✓	✓								20
Graveyard Point ✓✓	✓								21
Cherryfield Pond ✓✓	✓								22
Edmund Point ✓✓	✓								23
Cherryfield Point ✓✓	✓								24
Price Cove ✓✓	✓								25
Goose Point ✓✓	✓								26
St. George Creek ✓✓	✓								27

T-8138

No. 4

Remarks

Decisions

1		381764	USGB
2		"	
3		"	
4		"	
5		"	
6		"	
7		"	
8		"	
9		"	
10		"	
11		"	
12		"	
13		"	
14		"	
15		"	
16		"	
17		"	
18		"	
19		"	USGB
20		"	
21		"	USGB
22		"	"
23		"	
24		"	
25		"	
26		"	
27		"	

GEOGRAPHIC NAMES

Survey No. T-8138

No. 4

Name on Survey

	A	B	C	D	E	F	G	H	K	
St. George Island ✓ (island)										1
St. George Island ✓ (town)										2
St. George Island Bridge ✓										3
Dodson Point ✓										4
Coad Bar ✓										5
Taylor Cove ✓										6
Taylor Point ✓										7
Tarkill Point ✓										8
Tarkill Cove ✓										9
Cedar Point ✓										10
Schoolhouse Branch ✓										11
St. Inigoas Neck ✓										12
Smith Creek ✓										13
Jutland Neck ✓										14
Beachville ✓										15
Fort Point ✓										16
Langley Hollow ✓										17
The Villa ✓										18
Priests Point ✓										19
Molls Cove ✓										20
St. Inigoas Creek ✓										21
Grason Landing ✓										22
Church Cove ✓										23
Church Creek ✓										24
Broom Creek ✓										25
Milburn Creek ✓										26
Lucas Cove ✓										27

T-8138

No. 5

Remarks

Decisions

1		381764
2		"
3		"
4		1929 County Map
5		"
6		"
7		"
8		
9		Road Maps
10		"
11		"
12		"
13		"
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES

Survey No. T-8138

No. 5

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	
Rose Croft Point ✓	✓								1
Chancellor Point ✓	✓								2
									3
St. Inigoes No. 1 ✓ (political subdivision)	✓								4
St. George St. George Island No. 9 ✓		"							5
Valley Lee No. 2 ✓	✓	"							6
Bay ✓	✓	"							7
LESTERVILLE No. 8 ✓	✓	"							8
									9
Md. Highway No. 5 ✓	✓								10
" No. 249 ✓ leading to St. George Island	✓								11
" No. 471 ? leading to Great Mills from northwest									12
" No. 246 ✓ " " " from northeast	✓								13
" No. 235 ✓ through Hermanville	✓								14
									15
									16
									17
									18
									19
									20
									21
									22
									23
									24
									25
									26
									27

Names underlined in red approved
by E. W. H. on 7-1-43

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

FIELD EDIT

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

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

PROCESSING IN THE WASHINGTON OFFICE

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

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

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-8138

ST. MARYS CITYQUADRANGLE

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-8116 for a copy of the horizontal accuracy test comparisons performed on T-8138. This test was accepted as satisfactory. The vertical accuracy test was performed on a field photograph. This test was reported satisfactory by the field party; it 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-257	1:20,000	1848	
T-776	1:20,000	1858-1904	
T-804	1:20,000	1859-1904	
T-1103	1:20,000	1868-1904	
T-2655	1:10,000	1904	
T-2747	1:20,000	1905	
"Point Lookout"	1:62,500	1890	U.S.G.S.

Comparison with Nautical Charts Nos. 557

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:

Position of bridge connecting St. George Island with mainland has been changed from the position shown on chart 557. T-8138 locates the bridge sixty meters south of the position as shown on chart 557.

At Coad Point a sizeable inlet appears which is not shown on chart 557.

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

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

Reviewed 5/15/43 By L. R. Harshman
under direction of D. H. Benson

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

Examined and approved:

Robert W. Brown
Chief, Surveys Branch

K.T. Adams
Chief, Topography Section

J. S. Borden
Chief, Div. of Charts

G. T. Rude
Chief, Div. of Coastal
Surveys

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.

SURVEY NO. T-8138

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.

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.

SURVEY NO. T-8138

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.