RESTRICTED

8134

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photographic

Sheet
~~Field~~ No. T-8134 ~~Office~~ No.

RESTRICTED 8134

LOCALITY

State Maryland

General locality Chesapeake Bay

Locality Chesapeake Bay, Tangier Sound, Deal Island

N3807.5-W7552/7.5

1942

CHIEF OF PARTY

Lieut. Comdr. F. L. Gallen
Lieut. Comdr. Kenneth G. Crosby

LIBRARY & ARCHIVES

DATE

8-1870-1 (1)

Form T-1

DATA RECORD

T- 8134

Quadrangle (II): Deal Island Project No. (II): CS-278-C

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

Compilation Office: Tampa, Fla. Chief of Party: K.G. Crosby

Instructions dated (II III): Mar. 4, Mar. 27, Aug. 13, 1942. Copy filed in Descriptive Report No. T- (VI)

Completed survey received in office:

Reported to Nautical Chart Section: ✓

Reviewed: Applied to chart No. Date:

Redrafting Completed:

Registered: Published:

Compilation Scale: 1:19,640 Published Scale:

Scale Factor (III): 1.018 West 1.015 North 1.016 11/30/42 P.K.

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

Reference Station (III): ~~HALL 2 1932~~ Hall 3 1932 P.K.

Lat.: 38-11-~~18.026 (438.7)~~ 21.585" (665.5) Long.: 75-56-~~22.070 (680.5)~~ 18.142" (441.5m) Adjusted ~~Unadjusted~~

State Plane Coordinates (VI):

X = 1,105,141.43 feet Y = 131,419.89 feet

Military Grid Zone (VI) "A"

PHOTOGRAPHS (III)

Number	Date	Time	Scale	Stage of Tide
			Mean	
8801	4/14/42	3:14 P.M.	1:19,640	1.65
8802	"	3:16 "	1:19,640	1.65
8803	"	3:17 "	1;19,640	1.65
8788	"	2:57 "	1:19,640	1.85
8789	"	2:58 "	1:19,640	1.80
8790	"	2:59 "	1:19,640	1.80

Tide from (III): Sharkfin Shoal Lighthouse, Chesapeake Bay, Md.

Mean Range: 2.2 Spring Range: 2.6

Camera: (Kind or source) U.S.C. & G. Survey 9 lens

Field Inspection by: C.Hanavich, W.R.Jackson J.C. Lajoye, D.B.Hancock, and G. H. Wood,Jr. date: April) May) 1942

Field Edit by: C.O. Rector and J.J.Young date: Oct. 1942

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

Projection and Grids ruled by (III) Washington date:

" " " checked by: Washington date:

Control plotted by: L.C.B. J.E.H. E.L.M. date: June July 1942

Control checked by: L.C.B., A.L.K. date: June 1942

Radial Plot by: A.L.K., L.C.B., J.E.H. date: July 1942

Detailed by: E.L.M. date: July 1942 Aug. "

Reviewed in compilation office by: C.A.J.P. J.A.G. date: Sept.1942

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

STATISTICS (III)

Land Area (Sq. Statute Miles): 23

Shoreline (More than 200 meters to opposite shore): 38

Shoreline (Less than 200 meters to opposite shore): 40

Number of Recoverable Topographic Stations established: 6

Number of Temporary Hydrographic Stations located by radial plot: none

Leveling (to control contours) - miles: 14

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:

DESCRIPTIVE REPORT
TO ACCOMPANY
SHEET NO. T-8134

GENERAL

This sheet was compiled in accordance with "Instructions for Project CS-278", dated March 4, 1942.

The general locality of the area covered by sheet T-8134 is Maryland, Chesapeake Bay, Tangier Sound, Deal Island.

Cultivated areas and marshland, in general, comprise the land area in this sheet.

Permanent buildings only have been shown.

All roads have been shown by a centerline and should be smooth drafted 30 feet wide.

Investigation should be made of a tower-like structure located approximately 38° 10' 227 meters, 75° 56' 1017 meters. See Field edit

CONTROL

The following six triangulation stations lie within the detailing limits of this sheet, and were used for control:

NAME OF STATION	YEAR	ESTABLISHED BY
Deal Island Church Spire	1901	W. I. Vinal
Deal Island Colored Church Spire	1901	W. I. Vinal
Rock Creek Church Spire	1901	W. I. Vinal
Sharkfin Shoal Lighthouse	1898	- - - -
Hall #2 3	1932 4	J. Bowie
Dame	1932	E. H. ~~Brown~~ Bernstein

Station "UMP" on the southern shore (western end) of Nanticoke Point was plotted from a location determined by a plane table survey. The geographic position of "UMP" falls approximately 15 meters southwest of a station, located by the main radial plot, recovered as "Stump". These two names probably refer to the same station. The draftsman has used the plane table location and the name "UMP". There is a possibility, however, that there are two stations, namely, "STUMP" and "UMP". ONE station "UMP- 1932"

MAIN RADIAL PLOT

A continuous radial plot was laid on July 23d, 1942 to locate radial points, hydrographic and topographic stations, bench marks, and photographic centers. The plot extended over the area covered by sheets T-8135, T-8149, T-8163 and the westernmost portions of sheets T-8150 and T-8162.

The usual practice of laying the main radial plot was followed. This consisted of plotting and checking the control on the survey sheets and then transferring these points to the base grid sheets by matching individual grid squres. The amount of adjustment in each grid square was negligible. The grid sheets were taped to the plotting table and allowed to remain for 24 hours before any templates were laid. Prior to laying the templates the base

grid sheets were examined for movement and where such movement had taken place the grid sheets were given a final adjustment and all matched grid lines were in excellent agreement.

The plot consisted of twelve templates. Template No. 8835 showed 9 triangulation stations. Template No. 8836 showed 8 triangulation stations. Templates Nos. 8977 and 8978 showed 7 triangulation stations. Templates Nos. 8979 and 8837 showed 6 triangulation stations. The remainder of the templates showed from one to five triangulation stations.

The templates which were most rigidly fixed by triangulation control were laid first. The templates having the least control were laid by rigidly holding what triangulation was available while at the same time holding well established points as determined by radial intersections of the previous more rigidly controlled templates. Agreement along the flight lines as well as the intersections of radial lines to the adjacent photographs centers was excellent throughout.

Excessive tilt was encountered in several of the photographs, the worst condition being found in photographs Nos. 8820 and 8804, (maximum distance of tick marks from intersections $1\frac{1}{2}$ inches); photographs Nos. 8805, 8936, 8978, (maximum distance of tick marks from intersections $\frac{1}{2}$ to $\frac{3}{4}$ inch).

Template No. 8806 was omitted because it was superfluous, ample excellent intersections already having been obtained by surrounding templates.

This plot was laid by two senior aides assisted by an engineering aide, under the immediate supervision of a principal engineering draftsman. The time consumed in laying this plot amounted to 5 hours or 17 man hours including the supervision.

All of the intersections were transferred from the radial plot to the survey sheets by again matching the grid squares to those of the base grid sheets. The majority of the points were located by the common intersection of four to six radial lines. About 10 percent of the points were located by the common intersection of two radial lines only. Further investigation of these points is to be made by the individual detailers.

It is believed that with the excellent agreement of the templates along the flight lines, the ample rigid control by triangulation stations, and the numerous common intersections of radial lines indicate that the positions of the picked points are not more than 0.25 m.m. from the correct location. No points were picked in triangles of error. Where triangles of error occurred, cuts were transferred to the survey sheets and are to be further investigated by the individual detailers.

Various colored inks were used on the mounted office prints and on the survey sheets to designate triangulation, traverse and topographic stations, etc. The following key is furnished for this information:

PHOTOGRAPHS (Office Prints)

Triangulation & Traverse Stations.....	2.5 m.m. blue circle
Marked Hydro & Topo Signals.....	2.5 m.m. green circle
Radial Points (Main Plot).....	2.5 m.m. red circle
Radial Points (Additional).....	3.5 m.m. red circle
Photograph Centers.....	Double circle

SURVEYS SHEETS

Triangulation Stations.....	3.5 m.m.	high black triangle
Hydro & Topo Stations.....	2.5 m.m.	black circle
Radial Points (Main Plot).....	2.5 m.m.	purple circle on back
Radial Points (Additional).....	3.5 m.m.	purple circle on back
Radial Points (Questionable).....	3.5 m.m.	green circle on back

INTERPRETATION OF PHOTOGRAPHS

The photographs were clear and no trouble was experienced in their interpretation.

The shoreline is shown as interpreted by the field inspection party except in the vicinity of station "C-57" (near 38° 10' - 75° 56') where the draftsman interpreted the position of the shoreline somewhat differently than did the field inspectors. This should be checked by the field edit party.

FIELD INSPECTION

The field inspection was made by C. Hanovich, W. R. Jackson, J. C. Lajoye, D. B. Hancock and G. H. Wood during April and May 1942.

Field notes were limited to the character and position of the shoreline, almost entirely.

The legend used by the field inspection party and the draftsman has been made a part of this report.

The field notes were not sufficient for an accurate interpretation of the photographs. No data was given the draftsman concerning vegetation, bridges, class of roads, etc. The classifications shown on the sheet are, therefore, based on photographic interpretation and not on field inspection. These features should be investigated for correct classification by the field edit party.

NON-FLOATING AIDS

Only two aids are shown on the sheet. Sharkfin Shoal Lighthouse was located by 1898 triangulation, and Haines Point Light was "cut-in" by Theodolite.

JUNCTIONS

This sheet joins T-8133 on the east, T-8120 on the north, T-8135 on the west and T-8150 on the south.

The junctions have been made and are in agreement.

COMPARISON WITH OTHER SURVEYS

Existing charts are of such small scales that accurate comparisons are not practicable.

See Chart 567 W.A.B. 11/16/42

GEOGRAPHIC NAMES

The geographic names used on this sheet were taken from U. S. C. & G. S.

chart 1224 (Chesapeake Bay - Smith Point to Cove Point).

LANDMARKS

There are no prominent landmarks on this sheet.

Respectfully submitted,

Eugene L. Maxwell

Eugene L. Maxwell,
Deck Officer

Forwarded by:

Kenneth G. Crosby,
Chief of Party...

FIELD EDIT REPORT
QUADRANGLE T-8134
F.L.Gallen, Chief of Party

5. See descriptive report for Quadrangle T-8132

7. The shoreline in the vicinity of "C 57" has been left as interpreted by the draftsman, except for a slight change at 38° 10.3' N, 75°56.6' W, which change is shown on the map manuscript.

9. Shoreline structures were corrected as shown on the map manuscript. The tower-like structure located at 38°10'227 m N, 75° 56'1017 m W, noted for investigation by the compilation office, was found to be a one-story wooden building, and has been plotted on the map manuscript.

11. Twelve permanent aids to navigation appear on this sheet. Three are triangulation stations. (Two are old stations and one was located in 1942). Seven of the remaining nine aids were located by sextant cuts, taken either from triangulation stations or positions located by three-point sextant fixes observed on triangulation stations. The cuts were plotted on the field edit sheet. The two lights on Little Deal Island were located by sextant cuts taken from definite points identifiable on the map manuscript. Adequate control was not available to locate these two lights from control points. The azimuth of the range for entering Upper Thorofare was determined by occupying a point on the range, observing a three-point sextant fix on triangulation stations and then observing the angle between the range and one of the triangulation stations. The range line was then plotted and the azimuth scaled. The azimuth of the range for entering the Lower Thorofare was determined by observing the angle at the rear range light between one of the topographic features used to locate the two lights and the front range light. This cut was then plotted and the azimuth scaled. A copy of form 567 giving the geographic position of all permanent aids was forwarded directly to the Chart Division and a copy is attached to this report. No Landmarks for Charts appear on this sheet. Letter 581(42) W.A.B. 11/27/42

14. All roads were classified in accordance with instructions.

15. All bridges were classified in accordance with instructions.

16. All buildings were classified in accordance with instructions.

17. County and political district boundary lines were checked at the Somerset County courthouse for accuracy.

18. For geographic names see special geographic names report for project CS-278 North. The name "Upper Thorofare" as applied to the passage between Deal Island and the mainland was investigated by the geographic names party and found to be correct. This was after the geographic names report had been compiled and is therefore, reported here.

Noted L.H.

46. The field edit consisted of visual inspection of the area by two parties, one operating on the water and the other on land. Deletions, additions and corrections to the manuscript have been noted thereon. Additions have been marked in red and deletions in green.

47. A fairly large number of buildings was left off the map manuscript, as indicated by the additions shown thereon. A few other minor changes were also made. As a whole, however, the compilation was found fairly complete and accurate.

48. No horizontal accuracy test was made in this quadrangle. For nearest tests see quadrangle T-8133. All elevations are below twenty feet. For this reason no vertical accuracy test was run.

Submitted by

J. J. Young

J. J. Young
Photogrammetric Aid

Approved:

F. L. Gallen

F. L. Gallen,
Chief of Party

Form 567
(Rev. April 1942)

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

T-8134

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

~~LANDMARKS FOR CHARTS~~
PERMANENT AIDS TO NAVIGATION

Salisbury, Maryland. October 28, 1942

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.

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

GENERAL LOCALITY Tangier Sound, Md.

NAME AND DESCRIPTION	POSITION						METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	LATITUDE			LONGITUDE		DATUM						
	°	′	D. M. METERS	°	′	D. P. METERS						
Great Shoals Lighthouse (△ Great Shoals Lighthouse) ★ Plot from Md. GPS Pg 252 W.A.B. 11/25/42	38	12	1580.2 ~~1579.2~~	75	52	1144.4 ~~1150.7~~	N. A. 1927	Triang.	1901	x	x		567, 1224
Clay Island Shoal Light	38	13	(1698) 152	75	56	(645) 815	"	Sextant	10/8/42	x	x		567, 1224
Sharkfin Shoal Lighthouse (△ Sharkfin Shoal Lighthouse) ★	38	12	224.6	75	59	329.9	"	Triang.	1898		x		1224
Haines Point Light (△ Haines Point Light) Md. G.P.'s	38	10	628.0 627.8	75	57	1271.5 1270.5	"	Triang.	1942		x		1224
Upper Thorofare Range Front Light	38	10	371	75	56	1385	"	Sextant	10/9/42		x		1224
Upper Thorofare Range Rear Light	38	10	384	75	56	1160	"	"	10/9/42		x		1224
(Azimuth of Channel 87° ¼ T, scaled from sheet T-8134. Value published in 1942 Light List 89° T)													
Lower Thorofare Range Front Light	38	07	971	75	56	1042	N. A. 1927	Sextant	10/9/42		x		1224
Lower Thorofare Range Rear Light	38	07	1047	75	56	714	"	"	10/9/42		x		1224
(Azimuth of Channel 76° 3/4 T, scaled from Sheet T-8134. Value published in 1942 Light List 80°)													

Relaid 1950 "

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.

U. S. GOVERNMENT PRINTING OFFICE 16—27869-1

Form 567
(Rev. April 1942)

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

T-8134

~~LANDMARKS FOR CHARTS~~
PERMANENT AIDS TO NAVIGATION

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

Salisbury, Md. October 28, 1942

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.

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

GENERAL LOCALITY Tangier Sound, Md.

NAME AND DESCRIPTION	POSITION						DATUM	METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	LATITUDE			LONGITUDE									
	°	′	D. M. METERS	°	′	D. P. METERS							
Upper Thorofare Beacon "1" New No. "7"	38	10	273 ✓	75	56	1247 ✓	N.A. 1927	Sextant	10/9/42		x		1224
Upper Thorofare Beacon "2" "4"	38	10	346 ✓	75	57	23 ✓	"	"	"		x		"
Upper Thorofare Beacon "4" "6"	38	10	289 ✓	75	56	1335 ✓	"	"	"		x		"
Upper Thorofare Beacon "6" "8"	38	10	156 ✓	75	56	1209 ✓	"	"	"		x		"
							Jen.						

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.

U. S. GOVERNMENT PRINTING OFFICE 16—27869-1

ABBREVIATIONS

ROADS

W — Width (feet bet. shoulders)
P — Private road
OP — Overpass
UP — Underpass
X — Abandoned trail, road, etc.
RR — Railroad tracks; as 2 tracks

WOODS CLASSIFICATION

Density Classification

1 — Scattered
2 — Thinly wooded
3. — Heavily wooded
4 — Densely wooded

Types of woods

D — Deciduous
P — Evergreen and pine
R — Brush
S — Scrub
Y — Cypress
L — Young trees (LP—young pines LD—young deciduous trees)

SHORE LINE

HWL — Mean high water; fast land
LWL — Low water line
LL — Light line; marsh shore line
M — Marsh inshore limits
MW — Marsh grass in water
Dk — Dock
Pier — Pier
Se W — Sea wall
Bkhd — Bulkhead
Jet — Jetty
Dol — Dolphin
Pile — Pile
S — Sand
Mud — Mud
Rk — Rock or rocky
Sty — Stony
Conc — Concrete
Wo — Wood
Blf — Bluff
Dune — Dune

BOUNDARIES

F — Fence
Sty F — Stone fence
F B — Fire Break
Hdg — Hedge
Park — Park
Cem — Cemetery
Co — County
Md. — Maryland
Va. — Virginia
Bdy — Boundary

VEGETATION

C — Cultivation
Gr — Grass

BUILDINGS

Ho — House
Ba — Barn
Sh — Shed
Bldg — Building
Bo Ho — Boat House
Ch — Church (give name)
Ct Ho — Court House (give name)
P O — Post Office (give name)
Sch — School (give name)
Hos — Hospital (give name)
RR Sta — Railroad station
Sto — Country store or gas sta.
P Sta — Power Station
Ck H — Chicken House
D — Dwelling

LANDMARKS

FT — Fire tower
TT — Transmission tower
RT — Radio Tower or mast
Air Bn — Airway beacon
Bn — Non-lighted aid to navigation
Lt — Lighted aid to navigation
Tk — Low tank
Tk elev — Tall tank
Stk — Stack

STREAMS, PONDS & BRIDGES

D — Largest ditches only
DX — Small
IS — Intermittent stream
PD — Probable drainage
Cr — Creek
Ca — Canal
Brg — Bridge, (capacity & clearance)
Cv — Culvert (capacity)
Lev — Levee
Dam — Dam
P — Pond
IP — Intermittent pond

ROAD CLASSIFICATION FOR MAPS OF ALL SCALES

CLASS	LABEL	STRUCTURE	LOADING
1	Dependable hard-surface heavy duty road.	Concrete, asphaltic concrete bituminus Macadam, H-15 type structures.	Will bear heaviest loads with little maintenance.
2	Secondary, hard-surface all-weather road.	Surface-treated, oiled gravel, waterbound Macadam, structures generally lighter than H-15 but sturdy.	Will bear fairly heavy military loads in all weather if maintained.
3	Loose-surface graded, dry-weather road.	Gravel or stone surface, stable material, selected sand-clay, etc. Drained and graded.	Will bear light military loads in good weather.
4	Unimproved road.	Graded and drained earth, with very light structure.	Generally unsuitable for military loads.
4U	Truck road	Woods roads, farm roads, etc. over which a standard gage vehicle can be driven.	
5	Trail	(Horse trails, foot trails, etc.)	

Roads with more than two (2) lanes are indicated by note along road, e. g. 3 LANE. Change in lanes shown by tick at point of change. Main roads have two lanes unless otherwise marked.

Private roads are designated by the letter P after the road classification.

WOODS CONCEALMENT CLASSIFICATION

Class A: Trees over 10' high and thick enough to hide troops.

Class B: Brush thick enough to hide troops but dense enough to impede progress.

Class C: Scattered brush thick enough to hide troops but not thick enough to impede progress.

GEOGRAPHIC NAMES LIST FOR T-8134

Back Landing Creek
Big Sound Creek
Black Foot Creek
Chance
Chance Gut
Chance Point
Clay Island (Clay Island R) Sandy Island
Clay Island Bend
Clay Island Creek
Clay Island Marsh
Dames Quarter
Dames Quarter Creek ← Dames Quarter Marsh
Deal Island
Deal Island (Town)
Deal Island Marsh
Deal Point ← Ellis Bay
Fish Island ← Fishing Bay
Fishing Creek ← Fitts Creek
Frog Point (Ware Point R)
Haines Point
Haines Pond
Hall Point
Jones Creek
Laws Cove
Laws Gut
Laws Thorofare
Little Sound Creek ← Little Deal Island
Long Gut
Long Point
Lower Thorofare
Man Gut
Middle Creek
Mollie's Point ← Muddy Cove (R) (Mosquito Cove)
Nanticoke Point ← Nanticoke River
Nigger Gut ← Rock Creek
Rock Hole Gut ← Sandy Pt.
Sandy Island Cove
Shark Point
Straight Gut
Stacy's Gut
Stump Point
Stump Point Marsh
~~Tangier Beach~~
Tangier Sound
Twiggs Point ← Upper Thorofare
Waterview
Wenona
West Point

T-61 No. 1

	Remarks	Decisions
1		81758
2		"
3		"
4		"
5		"
6		"
7		78758-60
8		81759 USGB
9	Apply Little Deal Island pending decision of U.S.G.B.	"
10		"
11		"
12		"
13	Write Island in full.	"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		"
25		"
26		"
27		"

GEOGRAPHIC NAMES

Survey No. T-9134

DEAL ISLAND [illegible]

No. 1

Name on Survey	On Chart No. A,	On previous survey No. B,	On U. S. quadrangle Maps C,	From local information D	On local Maps E	P. O. Guide or Map F	Rand McNally Atlas G	U. S. Light List H	K	
Fishing Creek										1
Dames Quarter										2
Dames Quarter Creek										3
Manokin River										4
West Point										5
Fish Island										6
Tangier Sound										7
Deal Island										8
Little Deal Island										9
Lower Thorofare										10
Wenona										11
Middle Creek										12
Deal Island (town)										13
Laws Thorofare										14
Upper Thorofare										15
Chance										16
Haines Point										17
Hall Point										18
Rock Creek										19
Dames Quarter Marsh										20
Big Sound Creek										21
Little Sound Creek										22
Laws Cut										23
Shark Point										24
Straight Cut										25
Deal Island Marsh										26
Mon Cut										27

M 234

	Remarks	Decisions
1		381759
2		"
3		"
4		"
5		"
6		"
7		382758
8		"
9		"
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20	appears to be very tiny tributary deleted from finished map 2-17-43 HSL	"
21		382759
22		"
23	Apply Frog Point pending Board's decision with respect to Jare Point.	"
24	Apply this name as on overlay: modification of earlier application submitted to Board but	"
25	follow field party's report with respect to Clay Island and Sandy Island (no. 2, line 4) pending its decision.	"
26		382760
27		382759 USGB

M 234

GEOGRAPHIC NAMES

Survey No.

T-8194, No. 2

Name on Survey	On Chart No. A,	On previous survey No. B,	On U. S. quadrangle Maps C,	From local information D	On local Maps E	P. O. Guide or Map F	Rand McNally Atlas G	U. S. Light List H	K	
Tylers Point										1
Lawe Cove										2
Deal Point										3
Chance Point										4
Chance Cut										5
Haines Pond										6
Wicomico River										7
Long Point										8
Great Shoals Lighthouse										9
Nanticoke Point										10
Ellis Bay										11
Mollies Point										12
Long Cut										13
Rock Hole Cut										14
Stump Point										15
Stump Point Marsh										16
Back Landing Creek										17
Stacey Cut										18
Witts Creek										19
Nigger Cut										20
Nanticoke River										21
Sandy Point										22
Frog Point										23
Clay Island										24
Clay Island Creek										25
Fishing Bay										26
Sharkfin Shoal Lighthouse										27

M 234

	Remarks	Decisions
1		382759
2		"
3		"
4	See remark on No. 2, line 24.	"
5		"
6		"
7		"
8		"
9		"
10		
11	Omit this name, according to names report	
12	Not in names report nor in list of this descriptive report. Therefore omit.	
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		

M 234

GEOGRAPHIC NAMES

Survey No. T-8134

No. 3

Name on Survey	On Chart No. A,	On previous survey No. B,	On U. S. quadrangle Maps C,	From local information D	On local Maps E	P. O. Guide or Map F	Rand McNally Atlas G	U. S. Light List H	K	
Clay Island Shoal Lighthouse										1
Jones Creek										2
Waterview										3
Sandy Island										4
Muddy Cove										5
Sandy Island Cove										6
Black Foot Creek										7
Clay Island Marsh										8
Clay Island Bend										9
										10
Warrior Beach										11
Ashley Island										12
			Names underlined in red approved							13
			by L.C. Heck on 11/13/44							14
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M 234

DIVISION OF CHARTS

SURVEYS BRANCH

Review of Air Photographic Survey T-8134
(Deal Island Quadrangle) January 1943

This and the adjoining air photographic surveys were made for the preparation of topographic quadrangles for the War Department. The main divisions of the field surveys and office compilation in preparing these quadrangles are listed as follows for future reference:

FIELD WORK

1. Air photography

2. Field inspection for the identification of control and for the classification and clarification of planimetric details on the photographs

3. Leveling and contouring: Contouring was accomplished by planetable directly on prints of the air photographs.

PHOTOGRAMMETRIC OFFICES

4. Compilation of all planimetric details and of contours from the photographs onto a celluloid manuscript: This compilation of details was accomplsihed for all of the war mapping quadrangles in either the Baltimore or Tampa Photogrammetric Office.

FIELD WORK

5. Field edit and completion surveys: Upon completion of the manuscripts, prints were furnished to the field party for ground examination of the maps as to completeness. Necessary corrections were made by planetable. These surveys included systematic horizontal and vertical accuracy tests which are recorded in special reports.

6. Review: Following the field edit the maps were reviewed in the Washington Office as regards conformance to specifications and to prepare them for smooth drafting.

7. Drafting and reproduction: Smooth color separation drawings were made on metal-mounted blue lines and the quadrangles were printed from these drawings.

The check list containing a record of all work in the Washington Office is filed in the Photogrammetric Section.

The map manuscripts were compiled at the scale of 1:20,000 and include information of interest to this Bureau, not all of which was shown on the printed quadrangles. For this reason a cloth back copy of the rough drawn manuscript will be filed in the vault, together with a cloth back copy of the printed quadrangle.

Contemporary Hydrographic Surveys

None

Previous Surveys

T-8134 has been compared with and supersedes the sections of the following previous surveys which it covers with the exceptions noted:

T-268
T-270
T-2563
T-2575
T-4709
T-4704 - except floating aids to navigation

Nautical Charts 567 and 1224

T-8134 had not been applied to charts 567 and 1224 at the date of this review. The detail shown by this quadrangle should be used when these charts are corrected.

The field work and compilation of details are complete and the map is ready for smooth drafting and publication.

Reviewed under direction of D.H. Benson

Inspected by B.G. Jones

Robert W. Knox
Chief, Surveys Branch

K. T. Adams
Chief, Section of Topography

J. S. Borden
Chief, Division of Charts

G. Rude
Chief, Division of Coastal Surveys