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Form 504 Rev. June 1941	
DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY	
DESCRIPTIVE REPORT	
Air Photographic Plane Table Hydrographic	Sheet Survey No. T-8135 (Field)
MARYLAND BLOODSWORTH I. QUAD. N3807.5 - W7600/75	
LOCALITY	
State	Maryland
	Chesapeake Bay
	North Island
1942	
MEMBER OF PARTY F. L. Gallen. r. Kenneth G. Crosby	

DATA RECORD

T- 8135

Quadrangle (II): Bloodsworth 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, March 27, August 13, 1942.~~Copy filed in Descriptive~~
~~Report No. T- (VI)~~Completed survey received in office: 9/7/42²

Reported to Nautical Chart Section: 9/42

Reviewed: 12/21/42

Applied to chart No.

Date:

Redrafting Completed: 3/19/43

Registered: 1/16/45

Published: 7/16/43

Compilation Scale: 1:20,000

Published Scale: 1:31,680

Scale Factor (III): Unity

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

Reference Station (III): Jack, 1942

Lat.: 38-11-37.93 (1169.5)

Long.: 76-02-15.52 (377.6)

~~Adjusted~~
Unadjusted x
(Field position)

State Plane Coordinates (VI):

Maryland Coordinate system (single zone)

X = 1,076,591.65 ft.

Y = 132,756.94 ft.

Military Grid Zone (VI) "A"

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
8805	4/14/42	3:19 P.M.	1:20,000	1.3
8806	"	3:21	"	1.3
8807	"	3:23	"	1.3
8808	"	3:24	"	1.3
8836	"	4:38	"	0.7
8835	"	4:40	"	0.7
9058	"	4:42	"	0.7

Tide from (III): Hooper Strait Light, Chesapeake Bay, Md.

Mean Range: 1.7 Spring Range: 2.0

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

Field Inspection by: Douglas B. Hancock date: June 1942

Field Edit by: C.O. Rector date: Oct. 1942

Date of Mean High-Water Line Location (III): 4-14-42

Projection and Grids ruled by (III) date:

" " " checked by: date:

Control plotted by: J. E.H. date: July 1942

Control checked by: L.C.B. date: July 1942

Radial Plot by: Tampa Office date: July 1942

Detailed by: C.A.J.P. and J.E.H. date: July 1942

Reviewed in compilation office by: J.H.S.B. date: Sept. 1942

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

STATISTICS (III)

Land Area (Sq. Statute Miles): 11.7

Shoreline (More than 200 meters to opposite shore): 39.2

Shoreline (Less than 200 meters to opposite shore): 13.8

Number of Recoverable Topographic Stations established: 14

Number of Temporary Hydrographic Stations located by radial plot: 2 (Navy observation towers)

Leveling (to control contours) - miles: 4

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-8135

GENERAL

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

The general locality of the area covered by this survey sheet is Chesapeake Bay, in the immediate vicinity of Bloodsworth Island.

The terrain along the shoreline and island areas is very low and marshy.

The only high ground appearing on this sheet is on Bishop Head.

The vegetation appearing on the high ground mentioned above consists of pine trees.

There is a very small amount of cultivated land around Bishop Head.

All roads shown by centerline only should be drafted 0.5 millimeters wide.

CONTROL

The following triangulation stations are within the tracing limits of this sheet:

<u>NAME</u>	<u>YEAR</u>	<u>ESTABLISHED BY</u>
Hooper Strait L.H.	1898	?
Jack	1942	W. D. Patterson
Banks	1942	W. D. Patterson

No errors were found in the location of the control stations on this sheet, nor in the plotting of these stations on the photographs.

MAIN RADIAL PLOT

A continuous radial plot was laid on July 23, 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-3149, T-8163 and the westernmost portions of sheets T-8150 and T-8162.

349
7.1
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 squares. 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. 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 photograph 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 $1\frac{1}{4}$ 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 mm blue circle
Marked Hydro and Topo signals.....2.5 mm green circle
Radial Points (Main Plot).....2.5 mm red circle
Radial Points (Additional).....3.5mm red circle
Photograph Centers.....Double circle

Survey Sheets.

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

INTERPRETATION OF PHOTOGRAPHS

The photographs were clear and accurate interpretation was obtained with no unusual conditions prevailing.

FIELD INSPECTION

Field inspection was made by Douglas B. Hancock, June, 1942. The field inspection was done on 1:20,000 scale photographs. Notes were sufficient for accurate interpretation of all detail.

DETAILING

This sheet was detailed in accordance with the current instructions for the project. Before detailing, magnesium carbonate was applied and then washed off. No additional cleaning or reinking was necessary.

Detailing which appears at the Northern portion of this sheet on and around Bishop Head was taken from photograph No. 9058 which was in poor scale.

Detailing which appears on Pone I., Bloodsworth I., Adam I., and Northeast I. was taken from photograph No. 8806 which was a better scale photograph than 8807, 8808 and 8835.

Holland I. and Spring I. were detailed from photograph No. 8805, a fair scale photograph.

Deep Banks I. and South Marsh I. were detailed from photograph No. 8836, a fair scale photograph.

Labels were used in all cases to indicate vegetation.

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

No unusual conditions were confronted in detailing this sheet.

JUNCTIONS:

This sheet joins sheet T-8119 on the North and sheet T-8149 on the South and are in good agreement. There are no land junctions between this sheet and sheet T-8134 and T-8136.

COMPARISON WITH OTHER SURVEYS

No other surveys available to make accurate comparison.

GEOGRAPHIC NAMES

The geographic names appearing on this sheet were taken from U. S. Coast & Geodetic Survey Chart No. 1224.

LANDMARKS

There are no prominent landmarks on this sheet. *see form 567 attached
Field Edit*

NON-FLOATING AIDS

All Non-Floating Aids that appear on this sheet have previously been charted. *see form 567 attached. Field Edit*

Tedious Creek Beacon could not be ^{radial} plotted due to adjacent sheets being on an odd scale.

Respectfully submitted,

James E. Hundley
James E. Hundley,
Sr. Photogrammetric Aid

Forwarded by:

Kenneth G. Crosby
Kenneth G. Crosby,
Chief of Party....

FIELD EDIT REPORT
QUADRANGLE NO. T-8135
Project No. CS-278-C

46. The field edit on this quadrangle consisted of a visual inspection from the Launch "ELSIE". Hand level observations were made to determine the elevation of the marshy islands. The time and date of these sights were noted and the stage of tide determined from the tide tables. There is no ground elevation over 2 feet on the islands. The highest elevation of 4 feet appears on the northern part of the sheet and was determined by wye levels.

The correct position of Honga River Light, and the correct positions of the two Navy fire control observation towers were obtained from Lieut. Comdr. I. E. Rittenberg.

Deletions are shown in green ink and additions in black ink. Boundaries are shown in purple ink.

47. The compilation is complete.
48. There are no vertical or horizontal accuracy tests on this quadrangle. See reports for quadrangles ~~T-8108~~ and ~~T-8156~~ for the nearest horizontal test. *T-8119*
49. The geographic name LONG ISLAND in the approximate position of Lat. $38^{\circ}08.0$, Long. $76^{\circ}06.0$, was the name of an island which has washed away.

The geographic name TURTLE EGG ISLAND in the approximate position of Lat. $38^{\circ}08.5$, Long. $76^{\circ}00.5$ was the name of an island which has washed away.

Submitted by

C. O. Rector
C. O. Rector,
Photogrammetric Aid.

Approved by:

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

TO BE CHARTED
TO BE ~~ADJUDICATED~~

STRIKE OUT ONE

PERMANENT AIDS TO NAVIGATION
IDENTIFICATION MARKS FOR COMBATANTS

Salisbury, Maryland

Chart letter 581, 1942

October 27, 1942

I recommend that the following objects which have ~~(has been)~~ 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. Falkner

It is called

[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.

TO BE CHARTED
TO BE DELETED

STRIKE OUT ONE

chart letter 581, 1942
October 27, 1942

Salisbury, Md.

LANDMARKS FOR CHARTS

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.

7241

H. Galen

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.

SUPPLEMENTARY SURVEYS

	Name	Date	Hours
Control surveys.....	JEH, ALK, LCB	July	1
Planetable Surveys.....			

FIELD INSPECTION

Total 1

Index

Preparation of Photographs.....	ALK, CLB	June, July	$\frac{3}{4}$
Field Work.....)	:	:
Inking Notes.....) FIELD	:	:
Coast Pilot Notes.....)	:	:
Geographic Name Reports.....) PARTY	:	:
Land Marks for Charts.....)	:	:
Description Cards.....and)	:	:
Recovery Notes.....)	:	:

Total $\frac{3}{4}$

MAIN RADIAL PLOT

Scale Plot.....	CLB	July	$\frac{3}{4}$
Projection on Base Sheet.....			
Projection on Survey Sheet.....	JEH	July	$\frac{1}{8}$
Control Plotted.....	JEH	July	$1\frac{1}{8}$
Control Checked.....	LCB	July	$\frac{1}{8}$
Control Trans. to Base Sheet.....	JEH	July	$\frac{1}{8}$
Transfer Checked.....			
Control Picked on Photograph.....	ALK, LCB	July	$1\frac{1}{8}$
Control Checked on Photograph.....	CHW	July	$1\frac{1}{8}$
Hydro & Topo. Stations Picked.....	ALK, CAJP, CHW	July	$5\frac{1}{8}$
Radial Points Picked.....	CAJP, CHW	July	$7\frac{1}{8}$
Adjacent Centers Picked.....	X	May, June	$34\frac{1}{8}$
Templates.....	X	July	11
Radial Plot.....	X	July	$9\frac{1}{8}$
Radial Points Transferred.....	JEH	July	1
Transfer checked.....	LCB	July	$1\frac{1}{8}$
H & T Stations Scaled & Checked..	JEH, LCB	July	$5\frac{1}{8}$
Additional Radial Points.....)	JEH	July	1
Investigation of Radial Points....)			

Total 84

DETAILING

Rough Draft.....	CAJP, JEH	July	$35\frac{1}{4}$
Smooth Draft.....			

Total $35\frac{1}{4}$

COMPILATION

Name overlay.....	JEH	July	$2\frac{1}{2}$
Descriptive Report.....	JEH, VFS	August	$6\frac{1}{4}$
Field Review.....	JHSB	Sept.	5

Total $13\frac{3}{4}$

X - Several of Office Personnel

Total time spent on Sheet.....: $134\frac{3}{4}$ hours

Latitude: 38° 11' 37".93 (1169.5 m.)
Longitude: 76 02 15 .52 (377.6 m.)

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 bituminous 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-8135

Adam Island
Amos Bar
Billy Island
Bishops Head (The Neck) Bishop Head R
Bishops Head Marsh
Bishops Head Point
Bloodsworth Island
Bloodsworth Point
Bobbin Island
Cove Point
Crocheron
Deep Banks Island
Fin Creek
Fin Creek Ridge
Fishing Point
Great Cove
Great Cove Creek
Great Cove Islands
Great Cove Point
Gunbarrel Cove
Gunbarrel Point
Hog Island
Holland Island
Holland Island Bay
Honga River
Hooper Strait
Hooper Strait L.H.
Hope Point
Hopkins Cove
Jenny Island
Kit's Point
Lilly's Creek
Long Creek
~~Long Island~~ - See at No. 49 - Field edit report.
Lower Island Point
Muddy Creek
Northeast Cove
Northeast Island
Okahanikan Cove
Okahanikan Point
Old Ground Gut
Old Ground
Old Ground Marsh
Piney Island Cove
Piney Island Point
Pone Cove
Pone Island
Race Hog Point
Sandy Point
Sound Point
Norman Cove
Add:
South Marsh I.
Sound Gut

GEOGRAPHIC NAMES LIST
FOR T -8135

Spring Island
Straddling Point
Straits Point
Swan Pond
Swan Pond Creek
Tedious Creek
Tig's Cove
Tig's Point
Todd's Cove

~~Turtle Egg Island~~ ✓ - see GT No. 49, field edit report.

Add:

Tangier Sound
Fishing Bay
Holland Straits

Dec. 26, 1942:

Usual name list for T-8135 (BLOODSWORTH ISLAND quadrangle 7 $\frac{1}{2}$ ') was
and name overlay are
prepared Nov. 4th, 1942. Since Descriptive Report ~~is~~ momentarily
mislaidd, following list of names includes any changes from those
appearing on the compilation:

Bishops	Head)	the final "s" is correct on all of
"	"	Point)	these names, according to a recent
"	"	Marsh)	decision of the USGB

Billys Island (not Billy Island) is USGB decision

Pone Island (see old USGS quadra.) correctly applies to
southwestern part of Bloodsworth Island

~~Todd's Point~~

Todd Cove (not Todd's Cove)

Tigs Point)
Tigs Cove | (not Tig's)

~~Wood Creek:~~ a very small stream east of Hopkins Creek: not
in names report by field party, so omit

L.H.

8135

T-9105, No. 1.

	Remarks.	Decisions
1		
2		31760 "
3		32761 "
4		32760 "
5		"
6		31760 "
7		"
8		" "
9		"
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		" "
18		" "
19		"
20		"
21		" "
22		"
23		"
24		"
25		"
26		" "
27		"

GEOGRAPHIC NAMES

Survey No. T-8155
 "Bloodsworth Island" quad.
 No. 1

Name on Survey	A. On Chart No.	B. On previous survey No.	C. On U. S. quadrangle Maps	D. From local information	E. On local Maps	F. P. O. Guide or Map	G. Rand McNally Atlas	H. U. S. Light List	K.
Chesapeake Bay ✓									1
Bloodsworth Island ✓									2
Honea River ✓									3
Hooper Strait ✓									4
Hooper Strait Lighthouse									5
Okahanikan Cove									6
Okahanikan Point									7
Pone Island									8
Pone Cove									9
Bloodsworth Point ✓									10
Swan Pond									11
Swan Pond Creek ✓									12
Long Creek									13
Muddy Creek ✓									14
Race Hog Point									15
Bobbin Island									16
Adam Island ✓									17
Holland Island ✓									18
Holland Island Bay ✓									19
Spring Island									20
Holland Straits									21
Northeast Island ✓									22
Northeast Cove ✓									23
Cove Point ✓									24
Deep Banks Island ✓									25
South Marsh Island ✓									26
Gunbarrel Point									27

Remarks.

Decisions

1		381760
2		"
3		"
4		"
5		"
6		"
7		"
8		"
9		"
10		"
11	See p. 4 of review.	"
12		"
13		" U.S.G.B.
14		"
15	<i>moved</i> Application of Tangier Sound should be to south of	
16	its position on same overlay. Water area northeast of Bishop Head is properly Fishing Bay--see line 10, sheet No. 3	382760
17		"
18		"
19		"
20		"
21		" U.S.G.B.
22	Bishop Head is U.S.G.B. decision: case re-submitted but pending new action apply without final s :	"
23	Same applies to Nos. 24, 25, but in letting it would be well to leave space for a final s if approved by the Board.	"
24		"
25		"
26		"
27		"
M 234		

GEOGRAPHIC NAMES

Survey No. 8195

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.	
Gunbarrel Cove									1
Old Ground Marsh ✓									2
Old Ground //									3
Old Ground Gut									4
Sound Gut									5
Sound Point									6
Lowery Island Point									7
Straits Point									8
Great Cove									9
Great Cove Creek									10
Great Cove Islands									11
Great Cove Point ✓									12
Kiney Island Cove //									13
Kiney Island Point ✓									14
Tandier Sound									15
Lillys Creek ✓									16
Fin Creek //									17
Fin Creek Ridge									18
Figs Point ✓									19
Figs Cove ✓									20
Dillys Island //									21
Kits Point ✓									22
Bishop Head //									23
Bishop Head Point									24
Bishop Head Marsh									25
Hopkins Cove									26
Moos Bar									27

Remarks

Decisions

1		282760
2		"
3		"
4		"
5		"
6		"
7		"
8		"
9		"
10	See line 15, sheet No. 2.	"
11		"
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27		

GEOGRAPHIC NAMES

Survey No. T-8135

No. 3

Name on Survey

	A, On Chart No.	B, On previous survey No.	C, On U. S. quadrangle Maps	D, From local information	E, On local Maps	F, P. O. Guide or Map	G, Rand McNally Atlas	H, U. S. Light List	K	
<u>Jenny Island</u> ✓										1
<u>Hope Point</u> ✓										2
<u>Norman Cove</u> X										3
<u>Hog Island</u> ✓										4
<u>Fishing Point</u> ✓										5
<u>Tedious Creek</u> ✓										6
<u>Sandy Point</u> ✓										7
<u>Straddling Point</u> ✓										8
<u>Todd Cove</u> ✓										9
<u>Fishing Bay</u> ✓										10
<u>Crocheron</u> ✓										11
										12
										13
										14
										15
										16
										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27
										M 234

LHECK 11/4/42

RECORDS

Between January, 1942 and July, 1944, this Bureau completed 323 quadrangles. These maps have been published, or are in the process of being published on scales of 1:31,680 or 1:25,000. This series of quadrangles includes a land area of approximately 15,000 square miles. Incident to this work, a considerable volume of survey records and data has accumulated which will be filed for future reference. This material is filed as follows:

Registered and Filed in the Vault

Cloth-mounted copy of the published quadrangle.

Black and white cloth-mounted copy of the map manuscript. This copy is filed to preserve original survey detail shown on the manuscript at 1:20,000 scale which may not have been shown on the published sheet. For political boundaries, woodland, marsh, and swamp limits, refer to the published quadrangle for the finally adopted positions.

Descriptive Report.

Filed in the Photogrammetric Section - Surveys Branch

Field inspection photographs.

Contoured photographs (on which planetable contouring work was performed.)

Field edit sheet.

Descriptions of recoverable topographic stations (Form 524), filed in Reviewing Unit.

Supplementary traverse and level records.

Field notes, computations, lists of positions, and tabulations of results of horizontal and vertical accuracy tests.

Reproduction proof.

Correction sheet (copy of quadrangle showing in red changes to be made when next printed.)

Check lists of work performed on each sheet in the Washington Office during review, drafting, edit, and reproduction.

Original celluloid manuscript.

Copies of specifications and all instructions to field parties and field offices.

Filed in Reproduction Branch

Glass negatives of the color separation drawings.

Filed in the Library

Special report on field work by Commander K. T. Adams, 1944.

Special report on office work by B. G. Jones, 1944.

Season's report on field work by Commander F. L. Gallen, 1944.

Season's report on field work by Commander R. L. Schoppe, 1944.

Delivered to the Army Map Service in accordance with the contract

Film negatives and film positives of the color separation drawings.

All color separation drawings.

~~Original celluloid manuscript.~~

A correction sheet consisting of a copy of the first edition of the quadrangle with notes in red indicating changes desirable at the next printing.

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

This quadrangle, together with similar adjoining maps produced under Project C.S.278-Q 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.

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~~ 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-8135

BLOODSWORTH 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 - See the Descriptive Report for T-8119 for a copy of the closest horizontal accuracy test comparisons. This test was accepted as satisfactory. No vertical accuracy test was performed on this sheet since the maximum ground elevation is 4 feet.

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-2549	1:20,000	1901-02
T-2558	1:20,000	1901-02
T-2564	1:20,000	1901-02

T-6905a & b	1:10,000	1942
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See discussion on next page.

"Bloodsworth Island"	1:62,500	1903	U.S.G.S.
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Comparison with Nautical Charts Nos. 1224

The manuscript has not been applied to the charts at the date of this review. The following comments are pertinent to the compilation and correction of nautical charts:

Only small differences in shoreline exist.

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

A re-run of the radial plot of T-8135 together with T-8149 indicated errors in the original radial plot positions of topographic stations "Gable", "Belle", "Mud", "Great" and "Piney", all on T-8135, but showed no appreciable error in the positions of "Oka" and "Sand".

The positions resulting from the replot were scaled and are shown in red ink on the 524 forms. These positions still differ from those shown on graphic surveys T-6905 a and b; 1:10,000; 1942. The maximum error was 4.5 meters, which can barely be plotted, and may be due to the difference in scale of the two surveys.

The map manuscript was re-detailed in the vicinity of latitude $38^{\circ}09'$ and longitude $76^{\circ}02'$ on account of the relaying of the plot.

Reviewed 12/21/42

By

Ralph Moore Berry

under direction of D. H. Benson

Inspected by B. G. Jones

B. G. Jones

Examined and approved:

Robert W. King

Chief, Surveys Branch

J. B. Gordon

Chief, Div. of Charts

K. T. Adams

Chief, Topography Section

G. F. Rude

Chief, Div. of Coastal
Surveys