

5712

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Photographic Survey

Field No. T-5712 Office No. _____

LOCALITY

State MARYLAND

General locality Chesapeake Bay Choptank River

Locality Tred Avon River and Vicinity

Photographs taken 5-1-37
7-8-37

194 1

CHIEF OF PARTY

L. W. Swanson

LIBRARY & ARCHIVES

DATE _____

5712

Applied to Chart 1225 - Sept. 1941 - H. S. V.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. T - 5712

REGISTER NO.

State MARYLAND

General locality Chesapeake Bay Choptank River

Locality Miles River -- Tred Avon River and Vicinity

Scale 1:16,000 Date of Photographs May 1, 1937
Survey July 8, 1937, 18xx

~~NOSE~~ Air Photographic Party No. 2

Chief of party L. W. Swanson

Surveyed by Field Inspection by D. Jones & J. N. Jones
Fall 1939 and Spring 1940.

Inked by William A. Rasure (Rough Draft). & R. Nosik

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated May 13, 1938. 18xx

Remarks: _____

DATA RECORD T-5712

PHOTOGRAPHS

<u>Numbers</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Altitude</u>	<u>Stage of Tides*</u>
1346-1350	5-1-37	9:14--9:45	1:10,000		1.3 ft. above M.L.W.
1412-1415	5-1-37	10:27--10:49	1:10,000		1.0 ft. above M.L.W.
1457-1460	5-1-37	2:11--2:15	1:10,000		0.2 ft. above M.L.W.
1660-1664	7-8-37	10:44--11:08	1:10,000		1.3 ft. above M.L.W.

* Tide from prediction tables for Oxford, Md., mean range 1.5 ft., spring range 1.7 ft.

Camera:----- U. S. Coast and Geodetic Survey nine lens camera
Focal length $8\frac{1}{4}$ inches.
Negatives on file in Washington office.

SUPPLEMENTAL SURVEYS

Graphic control surveys None.
Hydrographic Surveys None.
Field Inspection ...D. Jones .. J. N. Jones..... Fall, 1939.
Name InvestigationJ. N. Jones.....Spring, 1940.

The Details on T-5712 are of the date of the photographs.

GENERAL INFORMATION

Chief of Party L. W. Swanson.
Projection by Washington office, Rule Mach..... July 18, 1940.
Projection checked by Washington office July 18, 1940.
Control plotted by L. W. Swanson..... July 22, 1940.
Control checked byJ. L. Rihn July 25, 1940.
Radial plot made by ... I. Zeskind ... J. Steinberg.....August..16, 1940.
Radial Points pricked by I. ZeskindAugust...., 1940.
Additional radial points pricked by ...J. Steinberg.....August...., 1940.
Shoreline inked byJ. Steinberg.....March1941.
Detail (rough draft) ... inked by...W. A. Rasure ⁹²⁴ June....., 1941.
Scale no scale factor 1:10,000.

STATISTICS

Area land..... 23.0 sq. stat. miles.
Shoreline (more than 200 meters from opp. shore)..... 40.0 " "
Shoreline (less than 200 meters from opp. shore)..... 18.0 " "
Roads, trails, and streets112.7 " "
Rail Roads 6.8 " "
Streams and ditches 45.5 " "
Time required for detailing 25 days.

REFERENCE STATION

Plain, 1934 Datum North American 1927.
Latitude: ----- 38° 43' ^{26.271} 33.53 810.1m. (1040.0m.)
Longitude: ----- 76° 10' ^{14.211} 18.144 438.3m. (1011.1m.) *Adjusted*
Maryland system of plane coordinates: ---- X Y

X coordinate: 1,036,310.27 ft.
Y coordinate: 325,418.10 ft

②

DESCRIPTIVE REPORT
to accompany
AIR PHOTOGRAPHIC SURVEY SHEET No. T - 5712
STATE OF MARYLAND
CHESAPEAKE BAY---MILES RIVER---TRED AVON RIVER

Date of this report July 3, 1941.

INSTRUCTIONS:

This rough draft map drawing is a part of project No. HT--215 dated May 13, 1938 and supplemental instructions contained in the Director's letters dated 3-31-38, 6-1-38, 6-19-39 & 8-28-39.

CONTROL:

The control consists of stations shown both on and off the sheet by the triangulation symbol. The following is a list of the control and its sources:

On the sheet:-----

U. S. C. & G. S.

Benoni-3----- 1934
Plain ----- 1934
Choptank River L. H. -- 1934

M. S. F. S.

Harper----- 1909
Hall ----- 1909
Holly ----- 1909
Aye ----- 1909
Neva ----- 1910
Tar ----- 1910
F.I.S.Vue ----- 1910
Mutton ----- 1910
Mud ----- 1910
Golds ----- 1910
Tall ----- 1910
Spin ----- 1910
Robertson ----- 1910
F.I.S.Sticky ----- 1910

Off the sheet:-----

U. S. C. & G. S.

St. Michael's W. T. -- 1934
Bigelow ----- 1934

M.S.F.S.

F.I.S. Fig ----- 1909
Henderson ----- 1910
Camden ----- 1910
Blossom ----- 1910
Higher ----- 1910
All ----- 1910
Deux ----- 1910

RADIAL PLOT:

The radial plot for this sheet was run in the usual manner, using the template method. As there was sufficient control in this area it was not necessary to first run a 20,000 control plot for this sheet.

It was found necessary to obtain F.I.S. stations for triangulation stations Vue, 1910 and Sticky, 1910 due to the uncertainty of pricking on the photographs.

Photographs 1414 and 1347 were found to be tilted. The tilt was computed and new centers established for these photos.

In detailing from photo 1415 it was found that the center chamber was twisted. Radial points were then established in this section from other photographs and these radials were held to in orienting the center chamber on photo 1415 for other additional points.

In detailing the shoreline in the S.E. section of this sheet it was necessary to use 20,000 photo 4719 in securing a third out for radial points.

In detailing the East side of the sheet it was found necessary to add a dog ear in order to use the flight of photos 1660 to 1664 inclusive for sufficient cuts in establishing radial points. Also a dog ear was added to the South side of the sheet in order to use photo 1346. The flight lines of photos 1660 to 1664 were carefully checked, and then oriented under sheets T-5713, T-5714 and T-5717. Sheets T-5713 and T-5714 being joined together. Holding to the triangulation and flight lines to establish centers on these sheets, the centers of photos 1660 to 1664 were pricked. These centers were transferred to sheet T-5712. With this additional flight, new radial points were established in the S.E. corner of this sheet where it was known to be weak. These control points were also transferred to sheets T-5713, T-5714 and T-5717.

Irish Creek Tank, $\begin{matrix} 38^{\circ} & 42' & 212.7 & (& 1637.4 &) \\ 76^{\circ} & 12' & 992.5 & (& 457.4 &) \end{matrix}$ which was established by radial cuts and then intersected in the running of some triangulation in the area and checked within 1 meter, was used in orienting the photos on which this tank appeared.

DETAILING:

The drainage of the sheet was examined under the stereoscope where there was any doubt of its position.

Wherever possible all buildings along the shoreline were shown. It is believed that all buildings in the interior part of the sheet have been shown except small outbuildings. All buildings in towns not shown.

All roads over 6 meters in width were labeled. Those not labeled are assumed to be shown as 6 meters.

All trails were shown with the dash symbol. -----

All fences were shown with the "X" symbol. X X X

All ditches were labeled.

Intersections most common shown in detail.

The use of the projector was very helpful in detailing this sheet.

FIELD INSPECTION:

The sheet was detailed according to the field inspection everywhere that it appeared.

Field inspection by D. A. Jones and J. N. Jones in the fall of 1939 and spring of 1940.

GEOGRAPHIC NAMES:

Geographic names shown on this sheet are listed on form M234 in the appendix. Field inspection of names by Lieut. J.N. Jones listed on form.

BRIDGES:

There are two bridges over navigable streams on this sheet. They are over Oak Creek, Lat. $38^{\circ} 45.2'$ -- Long. $76^{\circ} 10.4'$. Data shown on sheet.

** Prints as road intersections which can be readily identified - located in G.P. by direction and distance from a station*

(4)

RECOVERABLE - HYDROGRAPHIC SIGNALS:

None put on this sheet. *A number of temporary points were located and shown on the callbook as hydrographic*

RECOVERABLE TOPOGRAPHIC STATIONS: *stations but are not shown on the printed copies.*

One topographic station was recovered on this sheet. *A number of prominent objects were located and are shown on the printed map as*
LANDMARKS FOR CHARTS: *topographic stations but none were described on form 524.*

Four (4) landmarks appear on this sheet. It is recommended that any additional landmarks be selected by Hydrographic Party.

JUNCTIONS:

This sheet joins the following map drawings: T-5709 on the north, T-5711 on the west, T-5713 and T-5714 on the east, T-5717 on the south east.

On sheet T-5709, the Baltimore & Eastern R.R. and the Maryland State Highway # 33, should be changed to correspond with sheet T-5712 as shown on the dog ear of this sheet. *Change made during review of T-5709.*

Junctions with T-5711 and T-5717 are in good agreement.

Junction could not be made with sheets T-5713 and T-5714 as they have not been detailed. *Junctions checked in office for all adjacent sheets.*

COMPARISON WITH PREVIOUS CHARTS AND SURVEYS:

Chart # 1225:--- All the shore line and what detail that can be compared seems to be in general agreement.

Survey T- 2513:--- On the south west end of Ferry Neck, Lat. $38^{\circ}-40.3'$ to $38^{\circ}-40.9'$, Long. $76^{\circ}-12'$ to $76^{\circ}-12.8'$ the shoreline appears to have eroded approximately 100 meters. At Lat. $38^{\circ}-40.9'$ to $38^{\circ}-41.2'$ Long. $76^{\circ}-12.9'$ there has been a fill of approximately 80 meters. Also a fill approximately the same amount at $38^{\circ}-41.4'$ $76^{\circ}-12.9'$.

In the vicinity of Newcomb and Royal Oak there seems to be a displacement to the East on Survey T-2513 of the upper reaches of Solitude Creek. Lat. $38^{\circ}-44.5'$ to $38^{\circ}-45.2'$ Long. $76^{\circ}-11.9'$.

There is also a small displacement in the upper reaches of Plaindealing Creek. Lat. $38^{\circ}-44'$ Long. $76^{\circ}-10'$

The rest of the shoreline and interior detail that is common to both surveys seem to be in general agreement.

RECOMMENDATION FOR FUTURE SURVEYS:

The detail on this sheet is believed to be complete in all importance for charting and no additional surveys should be made.

The probable error of radial points and well defined objects along the shoreline is not greater than 5 meters. The error of other detail of importance on this sheet is probably not greater than 10 meters where our radial points have been determined by three or more photos.

Respectfully submitted,

William A. Rasure

William A. Rasure
Photogrammetric Aid (Field)

Forward Approved
Lieut. L. W. Swanson, Chief of Party

Date: *L. W. Swanson July 12, 1941*

U. S. GOVERNMENT PRINTING OFFICE 405741-1

GEOGRAPHIC NAMES

Survey No. T-5712

GEOGRAPHIC NAMES										
Survey No. T-5712										
Name on Survey	On Chart No. 1225 On previous survey No. T-2513 On U. S. quadrangle G.S. Maps From local information On local Maps State Planning Board State Planning Board Army Map Service Rand McNally Atlas U. S. Light List									
	A.	B.	C.	D.	E.	F.	G.	H.	K.	
Benoni Pt. ✓	X	X	X	X	-	-	-	X		1
Fox Hole Foxhole Cr. ✓	-	X*	X	X	-	-	-	-		2
Ferry Neck ✓	-	-	X	X	-	-	-	-		3
Lucy Pt. ✓	-	-	-	X	-	-	-	-		4
Edwards Pt. ✓	-	-	-	X	-	-	-	-		5
Irish Cr. ✓	X	X	X	X	-	-	-	X		6
Haskins Cove ✓	-	-	X	X	-	-	-	-		7
Deep Neck ✓	-	X	X	X	-	-	-	-		8
Elberts Cove ✓	X	X	X	X	-	-	-	-		9
Bellevue ✓	X	X*	X	X	-	X	-	X		10
Edge Cr. ✓	-	X	-	X	-	X	-	-		11
Tar Cr. ✓	-	X	X	X	-	-	-	-		12
Plain dealing Cr. ✓	X	X	X	X	-	-	-	-		13
Peaks Pt. ✓	X	-	-	X	-	-	-	-		14
Flatly Cove Spring checks with Gal. + stickup	-	-	-*	X	-	-	-	-		15
Town Cr. ✓	X	-	X	X	-	-	-	-		16
Oxford ✓	X	X	X	X	-	X	-	-		17
Bachelor Pt. ✓	X	X*	X	X	-	-	-	-		18
Boone Cr. ✓	X	-	X	X	-	-	-	-		19
Oxford Neck ✓	-	-	-	X	-	-	-	-		20
Island Cr. ✓	X	-	X	X	-	-	-	-		21
Goldsborough Cr. ✓	X	-	X	X	-	-	-	-		22
Trippe Cr. ✓	X	-	X	X	-	X	-	-		23
Baileys Neck ✓	-	-	X	X	-	-	-	-		24
Tred Avon River ✓	X	X	-	X	-	X	-	X		25
Double Mills Pt. ✓	X	-	-	X	-	-	-	X		26
Long Pt. ✓	X	-	-	X	-	-	-	X		27
										M 234

Remarks.

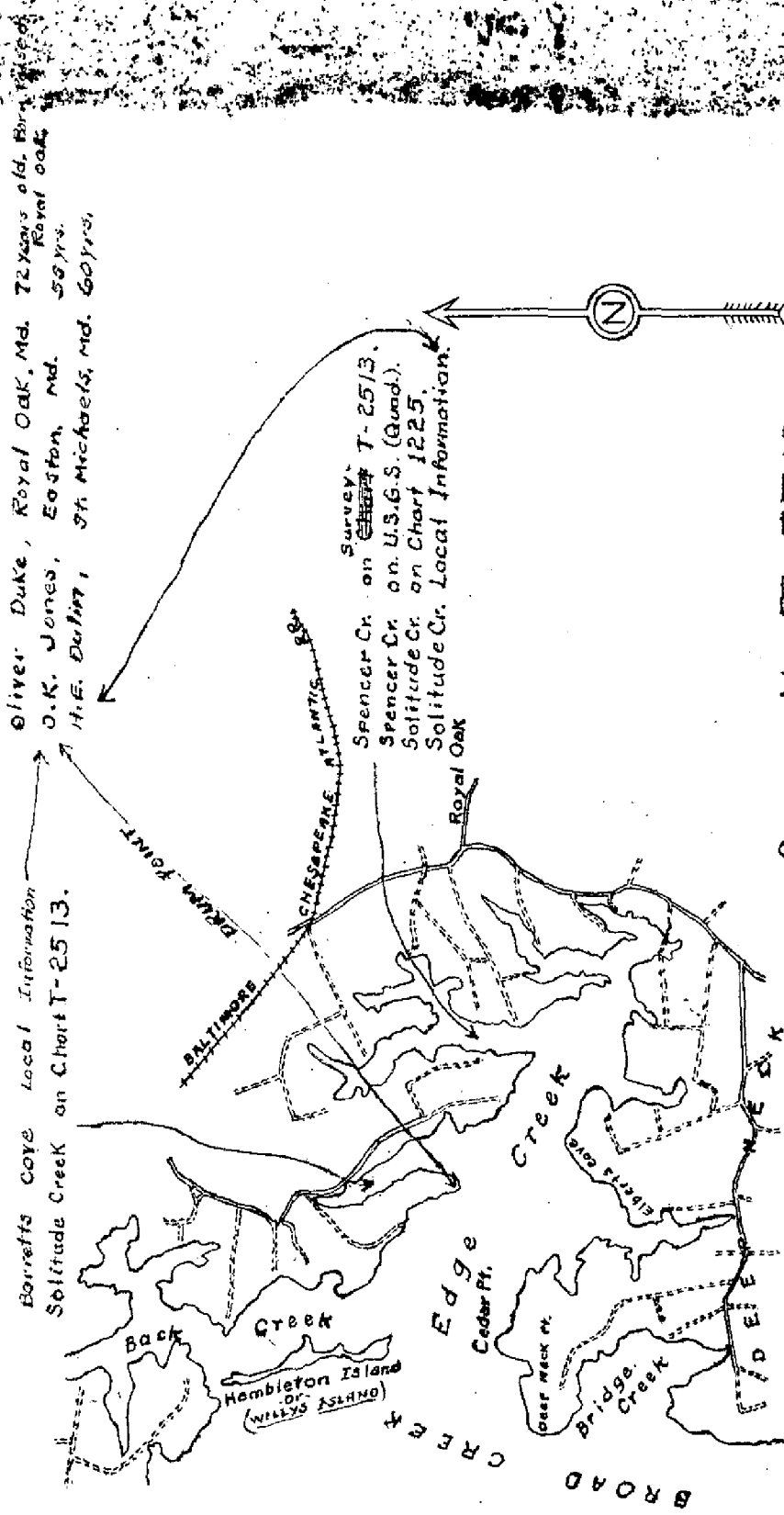
Decisions

1		386761 U.S.G.B.
2	● n T-2513, B, Spelled Fox Hole	386761 " = Fox Hole
3		386762
4		386762
5		387762
6		386762
7		387762
8		387762
9		387762
10	* B, Spelled Bellview.	387761
11		387762
12	●	387761
13		387761
14		387761
15	Decision 12/11/11 * C, Mud Creek on U.S.G.S. (Quad.)	Submitted to USGB: ok to apply pending action by it. 386761
16		386761
17		386761
18	* B, Spelled Batchelors Pt.	USGB = 386761 Bachelor
19		386761
20		386761
21		386761
22		386761 U.S.G.B.
23	●	387761 U.S.G.B.
24		387761
25		386761 U.S.G.B.
26		387761
27		387761

GEOGRAPHIC NAMES

Survey No. T-5712

GEOGRAPHIC NAMES		Survey No. T-5712									
Name on Survey		A	B	C	D	E	F	G	H	K	
		On Chart No. 1225	On previous survey No. T-2513	On U. S. quadrangle G.S. Maps	From local information	On local Maps	State Planning Board - Guide Map	State Planning Board - Map	Rand McNally Atlas	U. S. Light List	
387761	Maxmore Cr. ✓	X	-	X	X	-	-	-	-		1
387761	Royal Oak ✓	X	X	X	X	-	X*	-	-		2
387761	Royal Oak Station ^{add stick up.}	-	-	X	X	-	X	-	-		3
387762	San Domingo Cr. ✓	X	X	-*	X	-	-	-	-		4
387762	Hopkins Pt.	-	-	-	X	-	-	-	-		5
387761	Newcomb ✓	-	-	X	X	-	X	-	-		6
387761	Newcomb Cr. ✓	-	-	X	X	-	-	-	-		7
387761	Oak Cr. ✓	X	-	X	X	-	-	-	-		8
387761	Kirkham ✓	X	-	X	X	-	X	-	-		9
387762	Miles River ✓	X	-	X	X	-	X	-	-		10
	Baltimore Eastern Rail Road. ✓	X*	X*	X*	X	-	X	-	-		11
387761	Solitude Cr. ✓ ^{odd stick up.}	See Attached Sketch.									12
	Spencer Cr.										13
	? Delaware R.R. Oxford Branch (P.R.R. System)	X*	-	X*	X	-	X	-	-		14
387762	Barretts Cove ✓ ^{add stick up?}	X	-	-	X	-	-	-	-		15
387762	Drum Point ✓	-	-	-	X	-	-	-	-		16
387762	Choptank R. ✓										17
											18
											19
											20
											21
											22
											23
											24
											25
											26
											27
											28



SHEET NO. T-5712

Remarks

Decisions

1		
2	● F, Royal Oak appears at road intersection	Lat. 38°- 44.6' Long. 76°- 09.75'
3	lat. 45.3', long 11.1'	10
4	C. Appears as Back Creek.	
5		
6		
7		
8		
9		
10		
11	On A, B, & C, appears as Baltimore Chesapeake and Atlantic R.R.	Since these surveys were made this rail road has been taken over by (P.R.R.)
12	● See Attached Sketch.	
13		
14	On A, appears as, P. B. & W. R. R. On C, appears as, Delaware & Chesapeake R.R.	
15	ULB decision 12/11/42	
16		
17		
18		
19		
20		
21		
22		
23	●	
24		
25		
26		
27		

REVIEW OF AIR PHOTO COMPILATION NO. T-5712

Chief of Party: L. W. Swanson

Compiled by: William A. Rasur

Project: H. T. 215

Instructions dated: 5-13-38
3-31-38, 6-1-38, 6-19-39 & 8-28-39

1. The charts of this area have been examined and topographic information necessary to bring the charts up to date is shown on this compilation. (Par. 16a, b, c, d, e, ~~g~~ and ~~h~~; 26; and 64)

2. Change in position, or non-existence of wharfs, lights, and other topographic detail of particular importance to navigation which affect the chart, is discussed in the descriptive report. (Par. 26; and 66 g, n)

~~#~~. Ground surveys by plane table, sextant, or theodolite have been used to supplement the photographic plot where necessary to obtain complete information, and all such surveys are discussed in the descriptive report. (Par. 65; and 66 d, e)

There are no ground surveys.

~~#~~. Blue-prints and maps from other sources which were transmitted by the field party contain sufficient control for their application to the charts. (Par. 28)

No maps from other sources are forwarded with this Map Drawing.

~~#~~. Differences between this compilation and contemporary plane table and hydrographic surveys have been examined and rectified in the field before forwarding the compilations to the office and are discussed in the descriptive report.

There are no contemporary surveys.

6. The control and adjustment of the photo plot are discussed in the descriptive report. Unusual or large adjustments are discussed in detail and limits of the area affected are stated. (Par. 12b; ~~14~~; and 66 c, ~~h~~, ~~h~~)

7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, and ~~44~~)

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Refer also to the pamphlet "Notes on the Compilation of Planimetric Line Maps from Five Lens Air Photographs."

8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41)
9. Recoverable objects have been located and described on Form 524 in accordance with circular 30, 1933, circular letter of March 3, 1933, and circular 31, 1934. (Par. 26, 26, and 57)
Form 524 has not been used. This information is shown on the overlay sheet.
10. A list of landmarks was furnished on Form 567 and instructions in the Director's letter of July 16, 1934, Landmarks for Charts, complied with. (Par. 16d, e, and 60)
11. All bridges shown on the compilation are accompanied by a note stating whether fixed or draw, clearance, and width of draw if a draw bridge. Additional information of importance to navigation is given in the descriptive report. (Par. 16c)
12. Geographic names are shown on the overlay tracing. The accepted local usage of new names has been determined and they are listed in the report, together with a general statement as to source of information and a specific statement when advisable. Complete discussion of place names differing from the charts and from the U. S. G. S. Quadrangles is given in the descriptive report, together with reasons for recommendations made. (Par. 64, and 66)
13. The geographic datum of the compilation is N. A. 1927 and the reference station is correctly noted.
14. Junctions with adjoining compilations have been examined and are in agreement. (Par. 66j)
- NOTE. T-5709 should be changed as mentioned in the body of the descriptive report.
15. The drafting is satisfactory and particular attention has been given the following:
1. Standard symbols authorized by the Board of Surveys and Maps have been used throughout except as noted in the report.
 2. The degrees and minutes of Latitude and Longitude are correctly marked.

3. All station points are exactly marked by fine black dots.
4. Closely spaced lines are drawn sharp and clear for printing.
5. Topographic symbols for similar features are of uniform weight.
6. All drawing has been retouched where partially rubbed off.
7. Buildings are drawn with clear straight lines and square corners where such is the case on the ground.

(Par. 34, 35, 36, ~~37~~, ~~38~~, ~~39~~, 40, ~~41~~, 42, 43, ~~44~~, 45, 46, ~~47~~)

16. . No additional surveying is recommended at this time. ✓

17. Remarks:

18. ✓ Examined and approved;

L. W. Swann 7/12/41
Chief of Party

19. Remarks after review in office:

Reviewed in office by:

Examined and approved:

Chief, Section of Field Records

Chief, Division of Charts

Chief, Section of Field Work

Chief, Division of Hydrography
and Topography.

MAP DRAWING NO. ~~T~~¹- 5712

Scale ~~Ratio~~ 1:10,000 By: Date:

Projection made by: Washington Office Date: Recd. Baltimore,

Projection checked by: Washington Office Date: July 18, 1940.

Control plotted by: L. W. Swanson Date: 7-20--22-1940

Control checked by: J. L. Rihn Date: 7-25-1940.

Radial plot made by: I. Zeskind & J. Steinberg From: 8-11-40 To: 8-16-40

Radial points pricked by: I. Zeskind Add. radial points by: J. Steinberg

Shoreline inked by: J. Steinberg From: 8-16-40 To: 3-17-41

Stat. miles over 200 m.: 40 Stat. miles under 200 m.: 18.1

Detail inked by: William A. Rasure & R. Nosik From: 5-29-41 To: 7-3-41

Square stat. miles: 23

Junctions completed with sheet nos.: T-5711, T-5709, T-5717 By:

Field inspected by: D. Jones & J. N. Jones From: Fall 1939 To: Spring 1940 of photos:

Geographic names by: J. N. Jones Chart Nos.:

Photo numbers included on this sheet: 1346 to 1350 incl., 1412 to 1415 incl., 1457 to 1460 incl.,
1660 to 1664 incl.

Remarks: Time to detail 25 days.

CONTROL STATIONS

Name			meters	Scale Factor Applied
Harper, 1909	38	45	1380.3 (469.8)	
	76	13	1076.9 (371.7)	
Hall, 1909	38	45	394.6 (1455.5)	
	76	10	725.7 (723.1)	
Holly, 1909	38	43	1611.3 (238.8)	
	76	12	294.5 (1154.7)	
Aye, 1909	38	43	1406.3 (443.8)	
	76	08	128.2 (1321.1)	
Neva, 1910	38	43	1494.7 (355.4)	
	76	08	795.9 (653.4)	
Tar, 1910	38	42	1131.5 (718.6)	
	76	10	401.6 (1048.1)	
Vue, 1910	38	42	851.5 (998.6)	
	76	13	91.9 (1357.9)	
Benoni, - 3 - 1934 (unadj)	38	40	673.0 (1177.1)	
	76	12	183.6 (1266.8)	
Mutton, 1910	38	41	534.4 (1315.8)	
	76	11	561.5 (888.6)	
Mud, 1910	38	41	1782.5 (67.6)	
	76	09	689.0 (760.9)	
Golds, 1910	38	41	1586.1 (64.0)	
	76	08	1131.6 (318.3)	
Tall, 1910	38	42	534.9 (1315.2)	
	76	09	278.2 (1171.6)	
Spin, 1910	38	43	277.7 (1572.4)	
	76	08	1449.0 (0.5)	
Plain, 1934 (adjusted)	38	43	810.1 (1040.0)	
	76	10	438.3 (1011.1)	
Robertson, 1910	38	44	162.3 (1687.8)	
	76	08	686.2 (763.0)	
Choptank River L. H. 1934 (unadj)	38	39	621.9 (1228.2)	
	76	11	129.1 (1321.7)	
Sticky, 1910	38	42	847.7 (1002.4)	
	76	13	881.5 (568.3)	

Computed by: L. W. Swanson

Date: 7 - 18 - 40

Checked by: Joe Aleck

Date: 7 - 19 - 40.

DIVISION OF CHARTS

SURVEYS SECTION

Review of Air Photographic Survey T-5712 (September 1941).

There are no contemporary graphic control surveys in this area and the hydrographic survey has not yet been made.

Previous Topographic Surveys

T-2513, 1:20,000, 1900

Comparison between T-2513 and T-5712 is made on page 4 of the descriptive report of T-5712. Further comparison with the aid of a projector shows many appreciable differences in position of common details, both shoreline and interior. These differences are not consistently in the same direction and are therefore difficult to explain. The details of T-5712 were located by a large number of radial points from well controlled photographs.

T-2524, 1:20,000, 1900-01

Only a small area of T-2524 at Oak Creek is covered by T-5712. There is little change in the shoreline and interior detail except for the addition of a new state highway paralleling the railroad and the abandonment of a part of the old road at lat. $38^{\circ} 45.6'$ long. $76^{\circ} 11.5'$.

T-223, T-224, T-225 (1847 1:20,000)

No detailed comparison was made.

T-5712 supersedes the above listed surveys for the common areas.

Comparison with chart 1225 (Revised 12/12/41)

T-5712 was applied to chart 1225 prior to this review. However, changes in the shoreline and interior details indicated by T-5712 were not applied to the edition of the chart of 12/12/41 which was examined during this review. These changes are the same as discussed in the comparisons with previous surveys.

Radial Plot

The radial plot is discussed on page 3 of the descriptive report. It was not checked in this office. The control is adequate and sufficient radial points were plotted to strongly control the detailing.

Field Inspection and Detailing

The field inspection was very good and complete except for the location of drainage through woodland. A new house and small pier at lat. $38^{\circ} 45.6'$ long $76^{\circ} 11'$ reported by field inspection on photo No. 1413 are not shown on T-5712 because they were not located in position on the photographs by the field party.

The detailing was good except that many lines were too light and were nearly rubbed off the sheet. The sheet required much retouching in order to photograph well for the bluelines. Several buildings were added in the office. All buildings in the towns have not been shown.

The sheet was smooth drafted in this office.

Reviewed by D. H. Benson May 5, 1942

Inspected by B. G. Jones

Robert W. H. H. H.
Chief, ~~Surveys Section~~
Nautical Chart Branch

K. T. Adams
Chief, Section of Topography
Division of Photogrammetry

Chief, Division of Charts

Raymond P. Egan
Chief, Division of Coastal Surveys

After publication, shoreline correction made at
 $38^{\circ} 44.8'$ $76^{\circ} 08'$ and shown in red ink on manuscript.
Make corrections to plate before reprinting.

Jack Riley 12/18/44