

5600

Applied to chart dwg 549. June 14, 1941. L.Am.

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-5698

REGISTER NO. T5698

State MARYLAND

General locality Chesapeake Bay - ~~Southern Shore~~ NORTHERN PART

Locality SWAN CREEK - LANGFORD CREEK
~~Swan and Langford Creeks~~

Scale 1:10,000 Date of ~~survey~~ ^{photographs} May 1, 1937 1938

~~Vessel~~ Air Photographic Party No. 2, Baltimore, Md.

Chief of party L. W. Swanson
Field Inspection by Don A. Jones, W. C. Russell
Surveyed by and R. A. Gilmore

Inked by A. L. Wardwell

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated May 13, 1938

Remarks: Scale factor of 0.955 makes the true scale 1:10,471

DATA RECORD - T-5698

No.s	Date	Photographs Time	Scale	Altitude	Stage of Tide
1362-1365	May 1, 1937	9:40-9:43	1:10,000	6,900 ft.	1.2 ft. above M.L.W.
1398-1401	" " "	10:19-10:21	1:10,000	6,900 ft.	1.3 ft. above M.L.W.
1470-1473	" " "	2:23-2:26	1:10,000	6,900 ft.	0.7 ft. above M.L.W.

Acc 979
Acc 1003
Acc 1011 Stage of Tide from predicted tides, Tolchester Beach, Md., mean range 1.3 ft.,
 spring range 1.5 ft.

Camera: U. S. Coast and Geodetic Survey, No. 1, 1937

Graphic Control Surveys none
 Hydrographic Surveys

DESCRIPTIVE REPORT

To accompany celluloid Map Drawing Sheet No. T-5698

MARYLAND

Eastern Shore of Chesapeake Bay, Swan and Langford Creeks.

GENERAL INFORMATION:

The photographs for this area were taken with the U. S. Coast and Geodetic Survey nine lens aerial camera on May 1, 1937.

Field Inspection was done by Don A. Jones and W. C. Russell in 1938, and by R. A. Gilmore in 1939.

CONTROL:

The following-named triangulation stations fall within the tracing limits of this sheet;

Steel Tower No. 13, 1918, 1933.

Swan Pt. Tower No. 14, 1918, 1933.

West M.S.F.S. (Maryland Shellfish Survey) 1909.

King M.S.F.S. 1909

Whale M.S.F.S. 1909

Rail M.S.F.S. 1909

Haven M.S.F.S. 1909

Treasure M.S.F.S. 1909

Corr M.S.F.S. 1909

Windmill, Orchard Pt. Farms, 1938 (unadjusted)

RADIAL PLOT:

The radial plot for this sheet was done by this party in Baltimore, in May, 1939, along with sheets No.s 5692 and 5695 to the north, and 5701 and 5703 to the south of this one. Dummy sheets were made of the map drawings and joined together by matching projections. The templates were then layed down and secured together by Scotch tape. The map drawings

were then placed over the templates and oriented by projection lines and control. The intersections of the radial lines on the templates were then pricked on the map drawings.

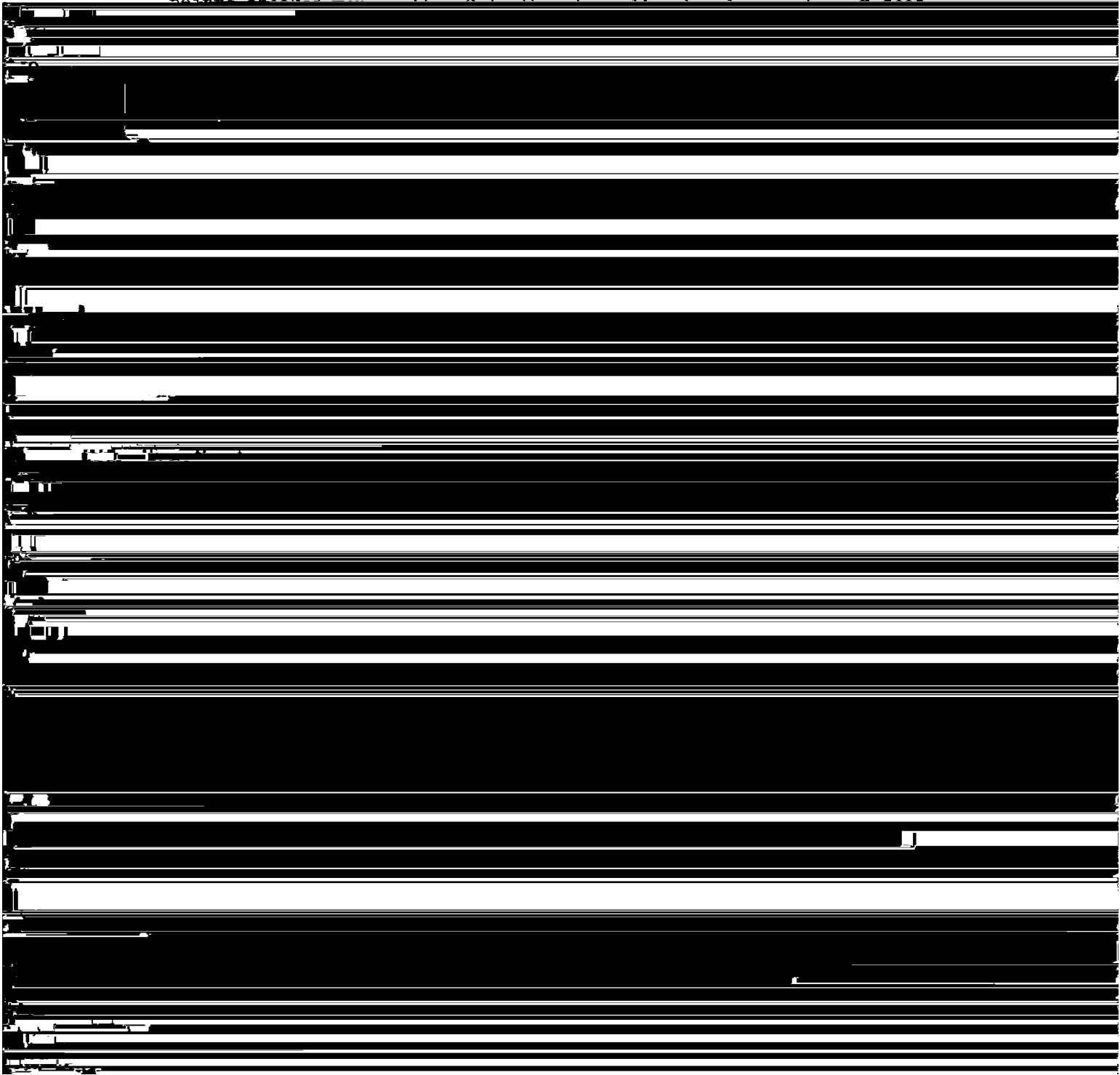
For this plot radial points were spaced roughly about

JUNCTIONS:

This sheet joins the following Map Drawings;

T-5695 to the north
T-5699 to the east
T-5701 to the south

The radial points common to this sheet and sheet No. T-5695 were compared for agreement as they were located in preparation for the detailing. After the radial plot was re-run the points checked.



SEXTANT FIXES FOR LOCATING BREAKWATERS
AT ROCK HALL HARBOR:

(S.E. end of northerly breakwater)

Objects:	Angles
Huntingfield Bank Tower	
Rock Hall Water Tank	108° 08'
W. gable, old ferry bldg.	111° 06'

Check angle

Huntingfield Bank Tower	
N. W. corner, County wharf	101° 22'
Rock Hall Water Tank	
Shore end of breakwater	105° 50'

(West end of southerly breakwater)

Objects:	Angles:
Huntingfield Bank Tower	
Rock Hall Water Tank	114° 53'
W. gable, old ferry bldg.	107° 42'

Check angle:

Huntingfield Bank Tower	
N.W. corner, County wharf	114° 05'
Shore end of breakwater	
Rock Hall Water Tank	45° 12'

Note: The H.W.L. at ends of breakwaters is about 3 meters outside of the points located by the above fixes.

GEOGRAPHIC NAMES

Survey No. T - 5698

No. 548

6

us survey
P. 291

quadrangle

sal

ion

Map
Maps

de or Map

Key & Give
1/827

mt List

No 114

	Remarks	Decisions
1	⊙, + called "Lankford Bay" λ, ⊕, *, ⊙ called "Langford Bay"	390761 U.S. G-B.
2		391761
3		"
4		"
5	⊗ spelled "Cacawa Pt. "	" U.S. G-B
6	⊗ Spelled "Cacawa I."	"
7	⊗ called "Hornors Cove"	"
8	⊗ called "West ^{Arm} Rock of Lankford Creek"	"
9		"
10		"
11		"
12		"
13		"
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		"
25		"
26	<u>Grays</u>	"
27		390762

GEOGRAPHIC NAMES

Survey No. T - 5698

No. 540

art

226

vious survey
- 2291

S. quadrangle
laps

local

ation

Map
al Maps

Guide or Map

See F & G. v. c.
McNally Atlas

Light List

McNally

Remarks

Decisions

1		391762
2		390762
3		391762
4		"
5		"
6	X and * called "Rock Hall Creek"	" U.S.G.B
7		"
8		"
9	X and * called "Rock Hall Landing"	"
10		"
11		" USGB
12		"
13		"
14		"
15	⊗ and X called "Rockhall"	" U.S.G.B
16		391761
17		391762
18		U.S.G.B.
19		
20		
21	Names underlined in red approved by L.H.B. on 8/21/41	
22		
23		
24		
25		
26		
27		

REVIEW OF AIR PHOTO COMPILATION NO. T-5698

Chief of Party: L. W. Swanson

Compiled by: A. L. Wardwell

Project: H. T. 215

Instructions dated: May 13, 1938.

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 i; 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)
3. 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 ~~f, g~~)
The only ground surveys made to supplement this work, was the location by sextant of the breakwaters at Rock Hall Harbor. This is discussed in the Descriptive Report.
4. 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)
There is a preliminary blue print of the breakwaters at ~~XXXXXX~~ Rock Hall Harbor. But they do not show the breakwater as it was completed. This sheet shows the breakwater correct.
5. 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 were no contemporary planetable or hydrographic 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; ~~44~~; and 66 c, h, i)
Note page 2 Descriptive Report, under DETAILING.
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 ~~other~~ pertaining to them is satisfactory. (Par. 38, 38, 38, 39, 40, 41)


9. Recoverable objects have been located and described on ~~FOUO~~
~~XXXXXXXXXXXXXX with a total of XXXX items.~~

- 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; October 23, 1939.


Chief of Party

19. Remarks after review in office:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TO BE CHARTED }
TO BE DELETED }

STRIKE OUT ONE

LANDMARKS FOR CHARTS

Baltimore, Md.

Oct. 11. 1911.

have

I recommend that the following objects which charted on ~~(~~24/02/2007~~)~~ the charts indicated.

The positions given have been checked after listing.

have ~~been~~ ^{been} inspected from seaward to determine their value as landmarks, be

Chief of Party.

[illegible]

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." 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.

DIVISION OF CHARTS

SURVEYS SECTION

Review of Air Photographic Survey T-5698

Graphic Control Surveys

There are no graphic control surveys in the area covered by T-5698.

Previous Topographic Surveys

Comparison of T-5698 with the previous topographic surveys listed below shows good agreement in general considering the time that has passed since these surveys were made.

There have been numerous changes in interior detail and some changes in shore line especially in the marsh areas. T-5698 is complete and adequate to supersede the portions of these surveys which it covers except as noted.

T-187	-	1:20,000	-	1845			
T-199	-	1:20,000	-	1846			
T-201	-	1:20,000	-	1846	(except for contours)		
T-2241	-	1:10,000	-	1896	"	"	"
T-2291	-	1:20,000	-	1897	"	"	"

T-5427 - 1:10,000 - 1933

T-5427 is an air photo survey. Comparison with T-5698 showed good agreement except for some minor shore line changes. One landmark and three triangulation stations shown as T-5427 were added to T-5698 in this office as there was no evidence to show that they had ceased to exist since T-5427 was compiled. T-5698 is complete and adequate to supersede that portion of T-5427 which it covers. For comparison made by field party, see Page 2 of the Descriptive Report for T-5698.

Contemporary Hydrographic Surveys

There are no contemporary hydrographic surveys in this area. Surveys will probably be made during 1940. Hydrographic signals for the 1940 surveys have been located on T-5698. These will remain on the celluloid but will not be shown on printed copies.

Comparison with Charts 548 (39-4/21), 549 (39-8/10), 1226
(39-9/8)

Comparison of T-5698 with the areas of the above listed charts which it covers shows numerous changes in culture and some changes in shore line especially in the areas covered by marsh.

Landmarks in this area are listed in Letters 403 (1935) and 656 (1939). These are all shown on T-5698. Complete inspection for landmarks will be made when new hydrographic surveys are made in this area. Fixed aids to navigation have been shown on T-5698.

For comparison made by field party, see Page 3 of the descriptive report for T-5698.

Recoverable Topographic Stations

There are no Form 524 descriptions for recoverable topographic stations included with T-5698.

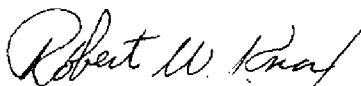
General

The compilation of details and descriptive report for T-5698 are complete. High water line and marsh lines have been retouched to some extent in order to make the change from fast land to marsh more distinct.


Reviewed in office by - H. D. Reed, Jr., 11-30-39


Inspected by - B. G. Jones, 11/30/39

Examined and approved:


Chief, Surveys Section


Chief, Division of Charts


Chief, Section of ~~Hydro~~^{Top}graphy


Chief, Division of Coastal
Surveys