

8546

Diag. Chg. No. 77-5

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey PLANIMETRIC

Field No. _____ Office No. T-8546

LOCALITY

State MARYLAND

General locality PATUXENT RIVER

Locality BATTLE CREEK

1943

CHIEF OF PARTY

R. L. Scheppe

LIBRARY & ARCHIVES

DATE Mar 15-1951

B-1870-1 (1)

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RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Patuxent River
BATTLE CREEK
LOCALITY Jack Bay to Sheridan Point

SHEET NO. T-8546
PROJECT NO. 307
SCALE 1:10,000

PHOTOS ORDERED..... REC'D.....

PROJECTION ORDERED 9-43..... REC'D 9-43

CONTROL: S.W. Trow S.W. Trow
COMPUTED K.N. Maki VERIFIED K.N. Maki
S.W. Trow S.W. Trow
PLOTTED K.N. Maki VERIFIED K.N. Maki

PHOTO PREPARATION:
CONTROL S.W. Trow, K.N. Maki

AZIMUTHS " " " "

PASS POINTS " " " "

TEMPLETS SWT & KNM VERIFIED SWT & KNM

RADIAL PLOT: S.W. Trow
PLOTTED BY K.N. Maki DATE 9-43
VERIFIED L.C. Lande DATE 9-43

COMPILATION:
DETAIL POINTS M. Pitts DATE 2-46
DETAIL BY M. Pitts DATE 2-46
VERIFIED BY DATE

DATE OF PHOTOS 11-27-42
TIME OF PHOTOS 2:05 P.M. 2:30 P.M.
STAGE OF TIDE 0.61' to
0.72' above M.L.W.

COMPARISON WITH PREVIOUS SURVEYS; TOPO., HYDRO., AND CHARTS:

Compared with U. S. G. S. quad. Leonardtown, Maryland, 1:62,500,
surveyed 1933-36.

Compared with Chart No. 539, 1:40,000, 10-6-45. All comparisons
generally favorable. See Review Report - Item 45.

REMARKS.....

FORWARDED TO..... DATE.....

DATA RECORD

T-8546

Quadrangle (II):

Project No. (II): C.S. 307

Field Office:

Chief of Party: Ray L. Schoppe

Compilation Office:
Washington, D. C.

Chief of Party: K. T. Adams

Instructions dated (II III):
August 26, 1943
September 4, 1943Copy filed in Descriptive
~~Report No. T- (VI)~~
DIVISION OF PHOTOGRAMMETRY

Completed survey received in office:

Reported to Nautical Chart Section:

Reviewed: *Aug. 9, 1949* Applied to chart No. 553 Date: *9/9/49*Redrafting Completed: *2-13-50*Registered: *1-5-51*

Published: Feb 1950

Compilation Scale: 1:10,000

Published Scale: 1:10,000

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927 Datum Plane (III): ^{MHW}~~Mean Sea Level~~

Reference Station (III): Kitt, 1908

Lat.: 38°27'34.556"
(1065.5m)Long.: 76°37'23.536"
(570.7 m)Adjusted
Unadjusted-

State Plane Coordinates (VI):

X =

Y =

To be added to plate during smooth drafting

Military Grid Zone (VI)

Not shown

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
12524	11-27-42	2:30	1:10,000	0.72' above MLW
12525	"	2:31	"	0.72' " "
12496	"	2:05	"	0.61' " "
12497	"	2:06	"	0.62' " "
12498	"	2:04	"	.6' " "
12527	"	2:44	"	.7' " "
12526	"	2:32	"	.7' " "

Tide from (III): Table of predicted tides - reference station -
Baltimore, Md. with corrections from Broome
Is., Patuxent R., Md.

Mean Range: 1.3' Spring Range: 1.5'

Camera: (Kind or source) USCGS nine-lens camera
(focal length 8 1/2 inches)

Field Inspection by: Wendell Bever, Topo. Engr., date: Sept. 1943
C. O. Rector, Photo. Aid.

Field Edit by: Not field edited date:

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

Same as date of field inspection

Projection and Grids ruled by (III) Wash. Office date: Sept 10, '43

" " " checked by: " " date: " "

Control plotted by: S. W. Trow & K. N. Maki date: Sept. 1943

Control checked by: " " date: Sept. 1943

Radial Plot by: " " date: Sept. 1943

Detailed by: Marion Pitts date: Feb. 1946

Reviewed in ^{Washington Compilation} ~~compilation~~ Office by: K. N. Maki date: " 1946

Elevations on Field Edit Sheet checked by: *None* date:

STATISTICS (III)

Land Area (Sq. Statute Miles):

Shoreline (More than 200 meters to opposite shore):

Shoreline (Less than 200 meters to opposite shore):

Number of Recoverable Topographic Stations established:

Number of Temporary Hydrographic Stations located by radial
plot: 65

Leveling (to control contours) - miles:

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:

T-8546 - *Compilation Report.*

26. Control.

The control within the limits of this Map Manuscript is summarized in the report for sheet T-8542.

27. Radial Plot.

A main radial line plot was completed for the area covered by ~~the~~ ^{map} numbers T-8542 to T-8546, inclusive.

A complete discussion on the radial plot can be found ⁱⁿ ~~by referring to~~ the report for Sheet T-8542.

28. Detailing.

The entire area for Survey No. T-8546 was not delineated due to insufficient photo coverage. The extreme north and northeast areas of the sheet are incomplete.

Photograph scale differed from the Map Manuscript scale to some extent. This difference in scale and a minimum of good cuts in the outer limits of the photographs combined to make delineation increasingly difficult away from the photograph centers.

All roads and buildings in the area of this Map Manuscript were shown.

Main roads were classified by the Field Inspection Unit and most of the remaining roads were classified on the basis of Office Inspection of the photographs.

Tree and bush areas were not as fully classified as was desirable by the Field Inspection Unit. This classification was completed by inspection of the photographs and the limits of vegetation shown in green, acid ink.

29. Supplemental Data.

No supplemental data was furnished the compilation Office for use in detailing this Map Manuscript.

30. Mean High-Water Line.

The Mean High-Water Line (firm ground) has been delineated in accordance with the field inspection data and is shown on the Map Manuscript with a heavyweight black acid ink line.

The outer limits of marsh areas, bordering the Mean High-Water Line have been shown with a full light-weight black acid ink line.

31. Low Water and Shoal Lines.

No Mean Low-Water Line or Shoal Line has been shown

T-8546

on this Map Manuscript.

32. Detail Offshore From the High Water-Line.

Piers, Marves, duck blinds and all other shoreline structures have been detailed in accordance with the field inspection data and shown with the conventional symbols accompanied by descriptive notes.

34. Landmarks and Aids to Navigation *See Review Report*

~~There were no land marks recommended by the field inspection party within the area covered by the Map Manuscript.~~

35. Hydrographic Control.

No additional hydrographic stations were located other than those established by planetable surveys.

The following recoverable topographic stations fall in the area of T- 8546: (They were located by the radial line plot).

Windmill (Woo) Windmill (d)
Ventilator (Vat) S.W. ventilator on barn (d)
Tank (Rag) White water tank
Chimney (Tam) Chimney, Center house
Gable (Cot) East gable, Barn
Center (Jut) Pier end Center
Chimney (Jo) N. W. Chimney
Ton (Fence) ^{section} Ton-Fence intersections
Chimney (Vat) House, center of chimney

* Described on Form 524 cards
Division of Photogrammetry files.

36. Landing Fields and Aeronautical Aids.

There are no landing fields within the limits of this Map Manuscript and no aeronautical aids have been recommended by the Field Inspection Unit.

37. Junctions.

The junction to the south with T-8545 and to the north with T-8547 is in agreement.

38. Geographic Names.

A geographic names investigation was made for the area of survey T-8546.

Alphabetical lists of the undisputed and disputed geographic names are contained in a separate Special Report on Investigation of Geographic Names for Project 307.

39. Horizontal Accuracy.

The probable error is believed to be within the limits of satisfactory accuracy, that is, not in excess of 0.5 MM.

T-8546

40. Comparison with existing Topographic Quadrangles.

Sheet No. T-8546 was compared with U. S. G. S. quadrangle Leonard Town, Md. 1:62,500, surveyed in 1933-36. A visual inspection did not show any large difference except that a pond at the end of Prison Point is not shown on the Quadrangle Map.

41. Comparison with Nautical Charts. *See Review Report*

Sheet No. T-8546 was compared with chart no. 539 scale 1:40,000, latest print date 8-11-45. The pond on Prison Point is not shown on the Chart. Considering the difference in scale of the Chart and Map Manuscript the comparison was favorable.

Submitted by:

K. N. M.

K. N. M.

Approved by:

L. C. Lande
L. C. Lande

LIST OF PHOTO HYDRO STATIONS

T-8546

NAV - Square Flag, Marsh Point

DOG - Square Signal-Center Duck Blind on Point

TAD - Square Signal-Center marsh spot

VOW - Flag - End of dock

MEG - Flag - end of dock

ORB - Flag - end of dock

PUT - Flag - end Foundation of Oyster House

TED - Flag - Duck Blind

WAD - Flag - Duck Blind

MUG - Square signal - Duck Blind

TEE - Small triangle - Marsh Point

WED - Twisted signal - Duck Blind

MAN - Flag on 1 x 4 Fence and Marsh Line

ODE - Flag on end of dock

PAY - Banner on dead Locust Tree

SUB - White flag pole on end of pier

TIE - Lone Cedar Tree

MEN - Cloth on end of dock

ORE - Cloth on corner of dock

RIB - Cloth on end of dock

SUE - North Gable of small shed

TOE - Small twisted Banner high 2 x 2 at end of brush

MOO - Bow of wreck

ROB - Peak of small pump house

SAD - Triangular signal on log High Water Mark

TUG - End of dock

WAG - Marsh point, square signal

~~MAD~~ ~~NAP~~ - Triangular signal - Marsh Point

OAF - Signal on Marsh Point

RUB - End of dock

SOD - South Gable of White House

TAG - Gable of privy

WIG - Duck Blind

OFF - Flag on Fence at Water Line

RUE - Flag - end of dock

SAG - Triangular Ban^{ner} on Marsh Point

WIN - Corner of dock

MAR - Lone Cedar - unmarked

OAK - SW corner Duck Blind in water

RED - Marsh Point - square signal

SOL - Marsh Point - square signal

TOM - End of dock - unmarked

WON - Marsh Point - square

MAT - Marsh Point - square

OIL - Marsh Point - large triangle

RID - Marsh Point - small square

MET - Marsh Point - square

OAR - Marsh Point - square

ROD - Mouth of Gut - square

SUM- Marsh Point - square

RIG - Marsh Point - square

TAN - Lone Cedar

SAM - Marsh Point - square

TIN - Cedar on Point

WAR - Triangulation Banner on Marsh Point

MW

NEW - Fence of Gr Line

PIE - Fence of Gr Line

SIN - East Gable large barn, tin roof

TON - Extreme tip of marsh grass on long point

WIT - Fence on High Water Line

MOW - Tip of marsh

PAD - Marsh Bush

PIN - Small square end of gut at sand beach

REP - Large square - Fence corner

SIT - Large square - Fence corner

GEOGRAPHIC NAMES

Survey No.

T-8546

1

Name on Survey

On Chart
No.

On previous survey
No.

On U. S. quadrangle
Maps

From local
information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

A

B

C

D

E

F

G

H

K

Maryland

USGB

1

St. Marys County

"

2

Calvert County

3

4

Patuxent River

5

Island Creek

6

Island Creek

(village)

7

Island Creek School

8

Mitual

9

Rock Creek

10

Ben Creek

11

Towers Creek

12

Jack Bay

13

Williams Wharf

14

Wells Cove

15

Battle Creek

16

Horse Swim

(cove)

17

Long Cove

18

Honey Cove

19

Peters Cove

20

Prison Point

21

Hance Creek

(not Hance)

22

Kitt Point

(not Marsh)

23

~~Bikes Wharf~~

*Nothing is left that remains hence the name has been omitted from manuscript - L.M.G.
(ruins) should apparently be placed after name*

24

Sheridan Point

25

Persimmon Creek

26

Cremona

27

T-8547

GEOGRAPHIC NAMES

Survey No. T-8546

GEOGRAPHIC NAMES											
Survey No. T-8546											
2	Name on Survey	A	B	C	D	E	F	G	H	K	
✓	Cremona Creek			(pendg with USBGN)							1
✓	Mud Creek										2
✓	Marsh Point										3
✓	Spring Creek										4
✓	Horse Landing										5
✓	Horse Landing Creek										6
✓	Coatigan Run										7
✓	Washington Creek										8
✓	State No. 6										9
✓	264										10
✓	No. 511										11
✓	No. 512 No. 506										12
✓	Grays Corner										13
											14
											15
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											25
											26
											27

Names underlined in red are approved.

7-25-48

L. Heck

O.K'd by L.H. - L.M.S.

✓ Names rechecked and approved

2-21-50

A.J.W.

Review Report
Planimetric Manuscript T-8546
9 August 1949

27 Detailing

Most of the fences delineated in the original compilation have been deleted in accordance with general practice and project instructions which provide that only substantial fences be shown as indicated by field party.

Streams and drainage, identified with difficulty due to dense tree and brush growth, have been compiled from office and field inspection and are as complete as available data will allow.

34 Landmarks and Aids to Navigation

Two landmarks were recommended for this area - TANK (RAG) and HOUSE (YAT) - see Form 567 included in Descriptive Report for T-8542.

38 Triangulation

~~The three stations, SHERIDAN, BATTLE, and OPPKITT appearing on this sheet were not used in the radial plot. Since they have not been reported lost or destroyed they have been retained. The latter two plot in the water some yards from shore.~~

ALL
LOST -
L.M.G.

39 Field Inspection and Special Reports

A Field Inspection Report, dated 1943, by R.L. Schoppe, and a Special Report, dated May 10, 1945, by F.L. Peacock, are filed separately in the files of the Division of Photogrammetry.

43 Comparison with Contemporary Hydrographic Surveys

H-6878	1:10,000	1943
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The shoreline on the above survey was taken from this manuscript before complete compilation and before this review, during which, one or two minor changes were made.

44 Comparison with Previous Topographic Surveys

T-812	1:10,000	1860 (Revised 1908)
T-813	1:10,000	1860 (Revised 1908)

Other than hydrographic information and shoreline delineation these surveys have little topographic or planimetric information. However, in comparing the shoreline, considerable changes were noted.

45 Comparison with Nautical Charts

Chart 539	1:40,000	1934 (Corr. to 1948)
Chart 553	1:40,000	1934 (Corr. to 1948)

There are substantial differences in the shoreline between the manuscript and Chart 539, particularly, in the conformation of the coves and creeks back from the ^PTATUXENT RIVER.

46 ADEQUACY OF MANUSCRIPT

The compilation is adequate and meets the required standards of map accuracy.

Reviewed by:

L. Martin Gazik

L. Martin Gazik

APPROVED BY:

S. W. Griffith 1/10/51
Chief, Review Section

H. C. Edmonson
Chief, Nautical Chart Branch
Division of Charts

O. S. Reading
Chief, Division of Photogrammetry

H. K. Kulevskiy
Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. T 8546

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.