U.S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey: PLANTIMETRIC
Field No.: Office No.: T-8546

LOCALITY
State: MARYLAND
General locality: PATUXENT RIVER
Locality: BATTLE CREEK

1943
CHIEF OF PARTY
R. L. Schappe

LIBRARY & ARCHIVES
DATE: March 5, 1951
RECORD SHEET

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

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

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

CONTROL: S.W. Trow S.W. Trow
COMPUTED: K.N. MakI 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:..............

TEMPLATES: S.W. & K.N. VERIFIED: S.W. & K.N.

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:.............. DATE:..............

DATE OF PHOTOS: 11-27-42
TIME OF PHOTOS: 2:05 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

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:     Chief of Party: K. T. Adams
Washington, D. C.

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

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: 1-5-57 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): Mean Sea Level
Reference Station (III): Kitt, 1903

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

State Plane Coordinates (VI):

X = 
Y =

To be added to plate during smooth drafting

Military Grid Zone (VI) Not shown
## PHOTOGRAVHS (III)

<table>
<thead>
<tr>
<th>Number</th>
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<th>Time</th>
<th>Scale</th>
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<td>11-27-42</td>
<td>2:30</td>
<td>1:10,000</td>
<td>0.72' above MLW</td>
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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) USG&GS nine-lens camera  
(focal length 8' inches)

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

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: __________

Radial Plot by: __________  
date: __________

Detailed by: Marion Pitts  
date: Feb. 1946

Reviewed in compilation office by: K. N. Maki  
date: __________

Elevations on Field Edit Sheet checked by: __________  
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:

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 map numbers T-8542 to T-8546, inclusive.

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


The entire area for Survey No. T-8543 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 heavy-weight 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
on this Map Manuscript.

32. **Detail Offshore From the High Water-Line.**

Piers, Harves, 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 landmarks 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 (Wood-Windmill (d))
- Ventilator (Val-S.W. ventilator on barn (d))
- Tank (Rag-White water tank)
- Chimney (Tan-Chimney, Center house)
- Gable (Cot-East gable, Barn Center)
- Pier (Jut-Pier end Center)
- Chimney (Cot-N.W. Chimney)

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 NM.
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:

[Signature]

K. N. M.

Approved by:

[Signature]

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 Cable 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
MAP - Triangular signal - Marsh Point
OAP - 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 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
CAR - 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 - Trisangulation Banner on Marsh Point
N.E.W. - Fence of Gr Line
P.I.E. - Fence of Gr Line
S.I.N. - East Gable large barn, tin roof
T.O.N. - Extreme tip of marsh grass on long point
W.I.T. - Fence on High Water Line
M.O.W. - Tip of marsh
P.A.D. - Marsh Bush
P.I.N. - Small square end of gut at sand beach
R.E.P. - Large square - Fence corner
S.I.T. - Large square - Fence corner
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Names underlined in red are approved. 7-25-49 L. Heck

Names rechecked and approved 2-21-50 A.F.W.
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

All three stations, SHERIDAN, RATTLE, and OPPITITTI 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 are plotted in the water some yards from shore.

39 Field Inspection and Special Reports


43 Comparison with Contemporary Hydrographic Surveys

H-6878 1:10,000 1943

The shoreline on the above survey was taken from this manuscript before 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.
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 TATUXENT RIVER.

ADEQUACY OF MANUSCRIPT

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

Reviewed by:

L. Martin Gasik

L. Martin Gasik

APPROVED BY:

Chief, Review Section

Chief, Nautical Chart Branch
Division of Charts

Chief, Division of Photogrammetry
Chief, Div. of Coastal Surveys
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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.