DESCRIPTIVE REPORT

Air Photographic Survey No. T-5817

6/30/40

LOCALITY

State Maryland

General locality Eastern Shore

Locality Denton to Greensboro and Vicinity

1942

CHIEF OF PARTY

Photographs Taken June 30, 1940

Fred. L. Peacock
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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-5817

REGISTER NO.

State Maryland

General Locality Eastern Shore

Locality Denton to Greensboro

Scale 1:10,000 Date of Photographs 10-16-37

6-39-40, 19

Vessel Air Photographic Survey Party No. 2

Chief of party Comdr. Fred. L. Peacock
Field Inspection J. Lajoye

Surveyed by Radial Plot W. E. Schmidt, J. E. Deal, W. A. Rasure

Inked by C. Rassa, E. C. Jastremski

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet
May 13, 1938; June 1, 1938; August 28, 1939;
Instructions dated Mar. 31, 1938; June 19, 1938; 19

Remarks: See file "AX" for general information
DATA RECORD -- T-58717

PHOTOGRAPHS

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>DATE</th>
<th>TIME</th>
<th>SCALE</th>
<th>ALTITUDE</th>
<th>*STAGE OF TIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4549</td>
<td>6-30-40</td>
<td>8:41 1/2 a.m.</td>
<td>1:10,000</td>
<td>Unknown</td>
<td>9' above M. L. W.</td>
</tr>
<tr>
<td>4550</td>
<td>6-30-40</td>
<td>8:41 1/2 a.m.</td>
<td>1:10,000</td>
<td>Unknown</td>
<td>9' above M. L. W.</td>
</tr>
<tr>
<td>4551</td>
<td>6-30-40</td>
<td>8:41 1/2 a.m.</td>
<td>1:10,000</td>
<td>Unknown</td>
<td>9' above M. L. W.</td>
</tr>
<tr>
<td>4552</td>
<td>6-30-40</td>
<td>8:41 1/2 a.m.</td>
<td>1:10,000</td>
<td>Unknown</td>
<td>9' above M. L. W.</td>
</tr>
<tr>
<td>4553</td>
<td>6-30-40</td>
<td>8:41 1/2 a.m.</td>
<td>1:10,000</td>
<td>Unknown</td>
<td>9' above M. L. W.</td>
</tr>
<tr>
<td>4554</td>
<td>6-30-40</td>
<td>8:41 1/2 a.m.</td>
<td>1:10,000</td>
<td>Unknown</td>
<td>9' above M. L. W.</td>
</tr>
</tbody>
</table>

* Tide from predicted tables for Baltimore, Md., with time correction to Denton, Choptank River. Mean range of tide 2.2', spring range of tide 2.5'.

Camera: U. S. Coast & Geodetic Survey Nine lens (Focal length 84") All negatives are on file in the Washington Office.

Single lens photographs obtained from the A.A.A. of the Department of Agriculture were used. The numbers and dates are as follows:

AHT 55-23 10-16-37 to AHT 55-28 10-16-37.

These pictures were taken at 1:20,000 scale and later enlarged to 1:10,000 scale. The focal length, altitude of plane, and time of exposure, are all unknown.

SUPPLEMENTAL SURVEYS

Graphic Control Surveys---------------------------None
Hydrographic Surveys----------------------------None
Field Inspection by---------------------------J. Lajoye----------------Fall, 1941
Name Investigation by---------------------------J. Lajoye----------------Fall, 1941

The detail of this rough map is of the date of the above photographs.

GENERAL INFORMATION

Chief of Party-------------------------------P. S. Fassbender
Projection by-----------------------------Wash. Office Ruling Machine---Mar. 10, 1941
Projection Checked by---------------------------W. E. Swanson-------July 30, 1941
Control Plotted by-----------------------------L. W. Deal, W. E. Schmidt---July 31, 1941
Control Checked by---------------------------J. E. Deal, W. A. Rasure--Aug. 1941
Radial Plot by-------------------------------W. E. Schmidt, J. E. Deal, W. A. Rasure--Aug. 1941
Radial Points Pricked by--------------------------J. E. Deal--June 1941
Hydrographic Signals pricked by------------------E. C. Jastremski---April 20, 1942
Detail Rough Draft, Interior-------------------C. Reese----------------April 20, to July 25, 1942
E. C. Jastremski---July 27, to Aug. 11, 1942
Shoreline inked by-----------------------------E. C. Jastremski---July 27, to July 30, 1942
Scale----------------------------------1:10,000----------------No Scale Factor
STATISTICS

Area (land)-----------------------------------27.5 sq. miles
Shoreline (less than 200 mi. from opposite shore)---7.5 Statute miles
Roads, Streams, Ditches, and Railroads-----------------237.5 Statute miles.
Time required for detailing shoreline------------------6 Working days
Time required for detailing interior---------------------79 Working days

REFERENCE STATIONS

Chapel, (1934) North American datum 1927 (adj)

Latitude $38^\circ 54'$ 27.520" (848.6m)
Longitude $75^\circ 50'$ 22.268" (536.5m)

Maryland system of plane coordinates x y

x coordinate: 1,134, 227,98 F.T.
y coordinate: 393,338,93 F.T.
- 3 -

DESCRIPTIVE REPORT
TO ACCOMPANY
AIR PHOTOGRAPHIC SURVEY MAP DRAWING NO. T-5817
STATE OF MARYLAND
EASTERN SHORE
DENTON TO GREENSBORO

Date of this report August 12, 1942

Instructions:

This map drawing is part of the project No. HT-215 dated May 13, 1938, and supplemental instructions contained in the Director's letters dated March 31, 1938, June 1, 1938, June 19, 1938, and August 28, 1939.

Control:

The control consists of the following stations within the limits of sheet T-5817:

U.S. Coast & Geodetic Stations
Greensboro Pet Milk Co., Smokestack, 1934
Greensboro, black water tank, 1934

The following is a list of the control stations outside the limits of this sheet:
*Chapel, 1934 (supplemented by F.I.S. "Cherry")
Ridgely Water tank 1934
Connors, 1934

*This station was used as a reference station because it could be occupied, whereas the two stations within the limits of this sheet could not.

Radial Plot:

There were two special reports submitted, describing in detail the method of laying the radial plot of this sheet. There is a report on the main 10,000 plot and also a report on the 20,000 plot. Special Report 1941/124

These reports are recommended for consultation when reviewing the sheet.

Below is a list of the photographs used in detailing this map and also the tilt of each photograph:

L849------------------slight
L850------------------0° 12'
L851 to L854 incl.----slight
L855------------------1° 19'
Detaling:

The majority of the detail of this sheet was obtained from the nine lens office photographs with the single lens photographs being used chiefly at the western portion of this map drawing.

The nine lens photographs were employed in detailing the shoreline. The projector had to be used because of the large scale difference and appreciable amount of tilt of the photographs.

It is believed, that all buildings within the limits of this sheet are shown except in towns which have street systems.

All roads, not designated, should be shown 6 meters wide.

Fences are drawn with a full line and marked "F". Cultivation is shown with a "C".

Trails and third class roads are all shown with a dashed line.

The number of railroad tracks are as shown on the map drawing.

Wooded areas have been outlined with tree symbols and labeled.

A few ditches and streams whose flow was impossible to determine either by the stereoscope or rigid inspection are designated by a dash line and the letter "d" and have an approximate location.

The stereoscope aided a great deal in determining ditches etc. which were difficult to distinguish.

Hydrographic Signals:

A number of natural objects have been located on this sheet for use as hydrographic signals. These objects are shown with a black circle 1.5mm in diameter.

Comparison with Previous Surveys:

There are no previous surveys or charts of this area with which to make a comparison.

Geographic Names:

A list of the geographic names will be found in the appendix on form M-254 and also on the map drawing. The geographic name investigation was made by J. Lajoye.

Junctions:

At the East and North ends of this sheet, there are no junctions. At the western end, there is a good junction between this sheet and sheet no. T-5816. The detailing of the sheet to the South of this drawing has not commenced as yet.
Recoverable Hydrographic & Topographic Stations:

None of the above stations appear on this sheet.

Landmarks:

There are no landmarks recommended for charting purposes on this sheet.

Recommendation for future Surveys:

This sheet is believed to be complete in all detail of importance for charting and no additional surveys are required.

The probable error is no greater than five meters for well defined points along the waterfront and less than 10 meters for all other detail.

Respectfully Submitted,

Edward C. Jastrowiski
Junior Engineering Aide

Preliminary review by

Jack L. Rihn
Prin. Photogrammetric Aide

Approved, 8/31/42

L. H. Swanson, Lieutenant
U. S. Coast & Geodetic Survey

Approved and Forwarded

Fred. L. Peacock
Officer-in-Charge
Air Photographic Party No. 2
<table>
<thead>
<tr>
<th>Name on Survey</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choptank River</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Garland Lake</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>2</td>
</tr>
<tr>
<td>Spring Branch</td>
<td>X</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Forge Branch</td>
<td>X</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Chapel Branch</td>
<td>X</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td>$</td>
<td></td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Greensboro</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Ridgely</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>Tuckahoe</td>
<td>X</td>
<td>17</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>Boonsboro</td>
<td>X</td>
<td>17</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Oakland</td>
<td>X</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Passapac Landing</td>
<td>X</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11</td>
</tr>
<tr>
<td>Smith Landing</td>
<td>X</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Brick Wall Landing</td>
<td>X</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>13</td>
</tr>
<tr>
<td>Calto, Eastern R.R.</td>
<td></td>
<td></td>
<td>%</td>
<td>X</td>
<td>?</td>
<td></td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>Fenney</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Tuck mill Branch</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>16</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>17</td>
</tr>
<tr>
<td>L. Heck</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>18</td>
</tr>
</tbody>
</table>

Note: The table entries indicate the presence or absence of survey data for various geographic names, with 'X' indicating presence and ' ' indicating absence. The column headers correspond to different types of survey data sources.
<table>
<thead>
<tr>
<th>Remarks</th>
<th>Decisions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>386762</td>
</tr>
<tr>
<td>2</td>
<td>38678-59</td>
</tr>
<tr>
<td>3</td>
<td>389758-59</td>
</tr>
<tr>
<td>4</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Spell Chape Branch</td>
</tr>
<tr>
<td>6</td>
<td>389758-59</td>
</tr>
<tr>
<td>7</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>? Called Maryland &amp; Delaware Coast R.R.</td>
</tr>
<tr>
<td>14</td>
<td>Known as M.D. &amp; V. R.R. % Known as Queen Anne R.R. ——17</td>
</tr>
<tr>
<td>15</td>
<td>Known as P.B. &amp; W. R.R. * Known as Del. &amp; Chesapeake R.R. ——17</td>
</tr>
<tr>
<td>16</td>
<td>sea yard “Penton” for location just below Choptank R.</td>
</tr>
<tr>
<td>17</td>
<td>389758-59</td>
</tr>
<tr>
<td>18</td>
<td>Greensboro P. Master —— C. F. Porter, 40 years Residence</td>
</tr>
<tr>
<td>19</td>
<td>Queen Anne Storeskeeper —— J. A. Mulliken, 58 years Residence</td>
</tr>
<tr>
<td>20</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td></td>
</tr>
</tbody>
</table>
REVIEW REPORT
Planimetric Map Manuscript T-5817

Alterations and additions made during review were drawn in red. Many stream courses were re-delineated, and buildings were added.

No landmarks, aids, or hydrographic surveys fall within this map area.

COMPARISON WITH EXISTING QUADRANGLES:
Denton, U.S.G.S., 1/62500 1902

T-5813 supersedes the quadrangle in the area common to both maps, except for contours.

COMPARISON WITH NAUTICAL CHARTS:
No. 1225

No changes of importance to the chart.

T-5817 was applied to the chart prior to review.

Reviewed by

W. W. St. John 12 Aug. 1943

Under the direction of

D. Benson

Technical Assistant to the
Chief, Nautical Charts Branch

Chief, Div. of Photogrammetry
Division of Charts

K.T. Adams
Chief, Div. of Photogrammetry

C.Y. Green
Chief, Div. of Coastal Surveys