Patapsco River
Marley Creek and Vicinity
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. 5136

REGISTER NO. 436

State Maryland

General locality Baltimore, Chesapeake Bay

Locality Parndale, Harland, Drumhorne and Riveron Sections of Anne Arundel County

Scale 1:10,000 Date of Photographs Apr. 26 & May 18, 1934

Date of survey compilation Apr. 9, 1935

Vassault, Photo.Compilation Party # 25

Reviewed and Recommended for Approval

Chief of party Lieut. (j.g.) J.C. Partington, March 11, 1935

Photographs plotted by Surveyed by E.C. Broadwell, February 8, 1935

Inked by W.V. Sulkowski April 9, 1935

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated March 11, 1935

Remarks Compilation of aerial photographs 586-599, 753-766
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. 5136

REGISTER NO.

State: Maryland

General locality: Baltimore, Chesapeake Bay

Locality: Ferndale, Garland, Glenburnie and Elvaton Sections of Anne Arundel County

Scale: 1:10,000

Date of Photographs: Apr., 29 & May 19, 1934

Date of Compilation: Apr., 1935

Approved for Approval

Chief of party: (1st.) J. W. Partington, March 11, 1935

Photographs plotted by: E.C. Broadwell, February 8, 1935

W.J. Sulkowski

Inked by: W.J. Sulkowski, April 9, 1935

Heights in feet above ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated: March 11, 1935

Remarks: Compilation of aerial photographs, 566-590, 753-766
-STATISTICS-

on

SHEET, FIELD NO. 5436, REG. NO. T-5436.
PHOTOS, NO. 586-590
753-766

DATE OF PHOTOGRAPHS: Apr. 28, 1934
May 18, 1934
1:00 P.M.
9:45 A.M. - 1:50 P.M.

<table>
<thead>
<tr>
<th>By</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROUGH RADIAL PLOT</td>
<td>S.M. Stoler</td>
<td>7-10-34</td>
</tr>
<tr>
<td>SCALE FACTOR (0.956)</td>
<td>S.M. Stoler</td>
<td>7-23-34</td>
</tr>
<tr>
<td>SCALE FACTOR CHECKED</td>
<td>R.D. Cross</td>
<td>8-9-34</td>
</tr>
<tr>
<td>PROJECTION</td>
<td>W.V. Sulkowski</td>
<td>1-23-35</td>
</tr>
<tr>
<td>PROJECTION CHECKED</td>
<td>J.W. Seager</td>
<td>1-23-35</td>
</tr>
<tr>
<td>CONTROL PLOWED</td>
<td>W.V. Sulkowski</td>
<td>1-24-35</td>
</tr>
<tr>
<td>CONTROL CHECKED</td>
<td>R.D. Cross</td>
<td>1-25-35</td>
</tr>
</tbody>
</table>

TOPOGRAPHY TRANSFERRED No recent data available

TOPOGRAPHY CHECKED

| Smooth Radial Line Plot   | E.C. Broadwell | 1-26-35  |
| Radial Line Plot Checked  | R.D. Cross     | 2-8-35   |
| Detail Inked              | W.V. Sulkowski | 2-28-35  |

AREA DETAIL INKED 20.0 sq. Statute Miles (Land Area)
AREA DETAIL INKED 0.0 sq. Statute Miles (Shoals in Water Area)

LENGTH OF SHORELINE (more than 200 m. from nearest opposite shore) 0.93 Statute Miles
LENGTH OF SHORELINE (rivers and sloughs less than 200 m. wide) 0.6 Statute Miles
LENGTH OF STREETS, ROADS, TRAILS, R.R., etc. 77 Statute Miles

GENERAL LOCATION Maryland, Chesapeake Bay
LOCATION Farmdale, Caroline, Glenburnie and Elizton Sections of
Anne Arundel County, Vicinity of Glenburnie.
DATUM North American 1927
STATION Glenburnie, Tank 1933 Latitude 39° 09' 32.477" = 1001.5 m.
                    Longitude 76° 37' 50.704" = 1217.6 m.

Field Computations
<table>
<thead>
<tr>
<th></th>
<th>39'</th>
<th>38'</th>
<th>37'</th>
<th>36'</th>
<th>76°35'</th>
<th>34'</th>
</tr>
</thead>
<tbody>
<tr>
<td>12'</td>
<td></td>
<td></td>
<td>(1396.5)</td>
<td>(2793.0)</td>
<td>(4189.6)</td>
<td></td>
</tr>
<tr>
<td>11'</td>
<td></td>
<td></td>
<td>1439.7</td>
<td>2679.4</td>
<td>4319.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(5384.3)</td>
<td>5550.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10'</td>
<td></td>
<td></td>
<td>(1396.9)</td>
<td>(2793.7)</td>
<td>(4190.6)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1440.1</td>
<td>2680.1</td>
<td>4320.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(3589.5)</td>
<td>3700.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>09'</td>
<td></td>
<td></td>
<td>(1397.2)</td>
<td>(2794.4)</td>
<td>(4191.7)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1440.4</td>
<td>2680.8</td>
<td>4321.3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(1794.8)</td>
<td>1850.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08'</td>
<td></td>
<td></td>
<td>(1397.6)</td>
<td>(2795.1)</td>
<td>(4192.6)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1440.8</td>
<td>2681.5</td>
<td>4322.3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>07'</td>
<td></td>
<td></td>
<td>(1398.2)</td>
<td>(2796.3)</td>
<td>(4194.6)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1441.4</td>
<td>2882.8</td>
<td>4324.3</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>06'</td>
<td></td>
<td></td>
<td>(1398.5)</td>
<td>(2797.0)</td>
<td>(4195.5)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1441.8</td>
<td>2883.5</td>
<td>4325.3</td>
<td></td>
</tr>
</tbody>
</table>

Scale Factor = 0.970
Distances Multiplied by Scale Factor Are Given in Red

Layout by W.V.S. 1/23/35
Checked  J.W.S.
<table>
<thead>
<tr>
<th>Station to</th>
<th>Station</th>
<th>Measured Distance</th>
<th>Computed Distance</th>
<th>Scale Factor Meas./Comp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brooklyn Church Spire 1915</td>
<td>U.S. Ordinance Plant tank 1933 r'3'4</td>
<td>3964</td>
<td>3789</td>
<td>1.046</td>
</tr>
<tr>
<td>Brooklyn Church Spire 1915</td>
<td>Sleds USE 1915</td>
<td>3799</td>
<td>3616</td>
<td>1.050</td>
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<tr>
<td>Brooklyn Church Spire 1915</td>
<td>Filbert 19331917</td>
<td>1933 r'3'4</td>
<td>1832</td>
<td>1.046</td>
</tr>
<tr>
<td>U.S. Ordinance Plant tank 1933 r'3'4</td>
<td>Livingstone Stack 1915</td>
<td>2951</td>
<td>2829</td>
<td>1.043</td>
</tr>
<tr>
<td>U.S. Ordinance Plant tank 1933 r'3'4</td>
<td>Filbert 1933</td>
<td>2278</td>
<td>2176</td>
<td>1.047</td>
</tr>
<tr>
<td>Sleds U.S.E. 1915</td>
<td>Livingstone 12'4'</td>
<td>1215</td>
<td>1186</td>
<td>1.051</td>
</tr>
<tr>
<td>Brooklyn Church Spire 1915</td>
<td>Livingstone 219'7'</td>
<td>Stack 1915</td>
<td>2666</td>
<td>1.049</td>
</tr>
</tbody>
</table>

Average = 1.047

Comp. by S.E.S. 8/8/34
Checked by R.D.C.

This is scale factor computed for photos 589-597 but only photos 589-590 fall on the tracing area of this sheet.

None of the above triangulation stations fall on tracing area of this sheet.

Scale factor for main flight on this sheet (753-766) was found to be 0.970 when computed lower down on the flight where there was more control. As a result, the scale factor actually used for this sheet was 0.970

Scale Factor Used = 0.970
### Control Data

<table>
<thead>
<tr>
<th>Station</th>
<th>North American 1927 Datum</th>
<th>X Scale Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>°</td>
<td>′</td>
</tr>
<tr>
<td><strong>Airway Beacon 58</strong></td>
<td>39</td>
<td>08</td>
</tr>
<tr>
<td>1933</td>
<td>76</td>
<td>39</td>
</tr>
<tr>
<td><strong>Glenburnie, tank</strong></td>
<td>39</td>
<td>09</td>
</tr>
<tr>
<td>1933</td>
<td>76</td>
<td>37</td>
</tr>
<tr>
<td><strong>Linthicum, tank</strong></td>
<td>39</td>
<td>12</td>
</tr>
<tr>
<td>1933</td>
<td>76</td>
<td>39</td>
</tr>
<tr>
<td><strong>Traverse Sta. # 27</strong></td>
<td>39</td>
<td>06</td>
</tr>
<tr>
<td>1935</td>
<td>76</td>
<td>37</td>
</tr>
<tr>
<td><strong>Traverse Sta. # 29</strong></td>
<td>39</td>
<td>07</td>
</tr>
<tr>
<td>1935</td>
<td>76</td>
<td>38</td>
</tr>
<tr>
<td><strong>Traverse Sta. # 33</strong></td>
<td>39</td>
<td>08</td>
</tr>
<tr>
<td>1935</td>
<td>76</td>
<td>38</td>
</tr>
</tbody>
</table>

*Note: All stations were computed directly on N.A. 1927 Datum*
DESCRIPTIVE REPORT
To Accompany
PHOTO COMPILATION SHEET NO. 5136
Chesapeake Bay; Ferndale, Garland, Glenburnie and Elvaton
Sections of Anne Arundel County
Instructions Dated March 11, 1934

1. GENERAL INFORMATION: *
   
   (a) Title. Refer to Title Sheet.

   (b) Statistics. Refer to Statistics Sheet.

   (c) No general report covering this area is available. The area is bounded on
   the north by the 39° 12' parallel, on the east by the 76° 36' meridian, on the
   south by the 39° 07' parallel and on the west by the 76° 39' meridian.
   The territory is thickly settled along the highways and
   along the W.B. & A. Railroad. The section is generally rol-
   ling and is covered by cultivated fields, orchards and wooded
   areas.

   (d) The following photographs were used in plotting this sheet:

<table>
<thead>
<tr>
<th>Photo Numbers</th>
<th>Flight Strip Location</th>
<th>Date</th>
<th>Time</th>
<th>Stage of Tide</th>
</tr>
</thead>
<tbody>
<tr>
<td>586 to 590</td>
<td>North and south along</td>
<td>4-26-34</td>
<td>1:00PM</td>
<td>High--5:52 AM</td>
</tr>
<tr>
<td></td>
<td>the 76° 36' meridian</td>
<td></td>
<td></td>
<td>Low--12:13 AM</td>
</tr>
</tbody>
</table>
   | 753 to 766    | North and south bet
   |               | between the 76° 36' and the 76° 37' meridian | 5-18-34  | 9:55 AM     | High--9:58 AM   |
   |               |                       |          |            | Low--5:12 PM    |

   (e) Refer to Statistics Sheet.

2. CONTROL: *

(a) Sources:

The triangulation stations "Linthicum, tank 1933", "Glenburnie, tank 1933" and "Airway Beacon 58 1933" were obtained from the
November and December 1933. These stations are on N.A. 1927
Datum.

(*) N.B. The paragraphs (numbers and letters) listed refer to those shown on pages 22 and 23 of Notes on Compilation of Planimetric Line Maps.
Note: The traverse mentioned on the opposite page was re-computed off the negative corrections to the ruled topos and the closure was 2.545 units. The traverse was then adjusted for this closure and the new values used to plot points on this computation and on T 5422. Successive stations were marked and are described on Form 524 filed under T 5422 and T 5436. The traverse computations and record books are filed under field data in the air photo unit files.

J. G. Jones
In order to furnish sufficient control for plotting the photographs a traverse was run between Triangulation Stations "Crownsville 1933" and "Glenburnie, tank 1933" using reference mark No. 3 at station Crownsville 1933 for a starting azimuth. Angles were measured with a two second two micrometer theodolite measuring 3 D/R and closing the horizon. Distances were measured with a 50 meter steel tape and all distances were checked with a 300 foot steel tape. Station Crownsville 1933 is a main scheme first order station and Glenburnie, tank 1933 is a first order intersection station observed on from 4 main scheme stations. The length of the traverse was approximately 10 miles. The closing error was 5.1 meters which was adjusted. This represents an error of 1 part in 3300 which is less than third order accuracy. The traverse stations are therefore shown on Form No. 524 as recoverable H. and T. stations. Only the stations used for photo control are described on Form No. 524. Three of these traverse stations appear on this sheet, namely: Traverse Stations Nos. 27, 29 and 33. See sketch page.

(b) Errors:

No error in position of any control station was found in running the plot.

(c) Discrepancies:

No discrepancy in position or in pricking the station on the photographs was found in running the plot.

3. Compilation:

(a) Method:

The usual radial line plot was used to determine the position of all radial points.

(b) Adjustment of plot:

Good intersections were obtained without having to adjust the plot in any manner.

(c) Interpretation:

In the extreme northwestern corner of the sheet there is some doubt as to the accuracy of the radial points. This applies particularly to the section along the W.B. & A. Railroad that lies north of the village of Garland. The 753 to 766 flight did not extend far enough to the northward to get more than two cuts at points in this vicinity and the other flight was too far to the east to cover this territory. This is a small area approximately 1/2 mile square in the extreme northwestern corner of the sheet and in this area there is a
probability of error of from 5 to 10 meters in position of detail.

(d) Information from other sources:

The data for the bridge over Marley Creek was obtained from the publication "List of Bridges over the Navigable Waters of the United States 1927" and is given on the following sheet.

The names shown on the overlay were obtained from the U.S. Geological Survey, Relay Quadrangle; U.S. Coast and Geodetic Survey Charts; Maryland Geological Survey, Anne Arundel County; and from local residents of the area.

A section of the Annapolis Boulevard beginning at the northern boundary of the sheet and extending southward approximately 1/2 mile has been changed since the pictures were taken. This section of road has been straightened and made considerably wider. The information on this change was obtained from a blue print furnished by the Maryland State Roads Commission. This blue print showed the position of the new road and also the position of the old, making it possible to locate the new road by scaling off the proper distance from the center line of the old. This procedure was followed in tracing this section of road and consequently the compilation will not conform with the pictures at this point. We believe that the road has been very accurately shown and the blue prints mentioned above will be sent to the Washington Office with the compilation.

A small stream about 8 feet wide and about a half mile long runs in a northeastly direction from a small inland lake to the head of Furnace Creek. This branch is so completely covered by thick trees that it could not be traced from the pictures and it was omitted from the compilation. This branch could be located on the compilation by running a traverse along its course, but the stream is so small and unimportant that it is not believed that this work would be justified.

All other information was obtained directly from the pictures.

(e) Names:

On existing U.S. Coast and Geodetic Survey Charts, the only name applying to inland detail is the name of the section, "Marley". The following names of towns and villages have been added on this compilation:

- Garland
- Woodland Heights
- Marley Station
- Saunders
- Ferndale
- Glenburnie
- Elvaton
<table>
<thead>
<tr>
<th>BRIDGES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mileage</strong></td>
</tr>
<tr>
<td>--------</td>
</tr>
<tr>
<td>5</td>
</tr>
</tbody>
</table>
Also, the following miscellaneous names have been added to the overlay sheet of the compilation:

Annapolis Boulevard
Annapolis Road
Dorsey Road
Crain Highway
W.B. & A. Railroad

The names Wellhams and Ferndale Farm shown on the U.S. Geological Survey Quadrangle have been omitted as this entire section is now known as Ferndale.

4. COMPARISON WITH OTHER SURVEYS:

(a) The latest topographic sheet of this area that is available is Topographic Sheet Register No. T-2286, compiled by the U.S. Coast and Geodetic Survey in the year 1897. So many changes have taken place since 1897 that a comparison between the two surveys will be of no value. Junctions with adjoining sheets have been examined and are satisfactory.

5. LANDMARKS:

(a) No landmarks or recoverable objects were recommended in this area by the field party.

(b) No additional objects show with sufficient prominence under the stereoscope to be recommended for landmarks.

6. RECOMMENDATIONS FOR FURTHER SURVEYS:

(a) The compilation is believed to have a probable error of 3 meters in position of well defined detail of importance for charting and of 5 meters for other data except as noted under Section 5, Paragraph (c) of this report.

(b) The width of roads has been exaggerated where necessary in order to procure well defined lines when the sheet is reproduced.

Only houses near the shore line have been shown on the compilation.

7. RECOVERABLE OBJECTS:

There is no available record of any described topographic stations in this area and no objects were recommended by the field party except for the traverse stations located and marked by the compilation party. Descriptions of stations No. 24 and 33 are filed on T-5436.
8. MILITARY RESERVATIONS:

On March 14, 1935, the Commanding Officer, Ordinance Depot, Curtis Creek was interviewed in regard to showing detail within the limits of the U.S. Army Ordinance Depot. The Commanding Officer, Major Everett Collins, advised that no detail should be shown on the photo compilation or charts of this area.

In accordance with the Director's letter of April 4, 1934, and in compliance with the above request, only the natural features have been shown in this area.

The present charts show all the detail in this area however. It is recommended that this detail be removed from existing charts.

Respectfully submitted,

[Signature]
J.C. Partington
Jr. H. & G.E.
Chief of Party
<table>
<thead>
<tr>
<th>Status</th>
<th>Name on Survey</th>
<th>Name on Chart</th>
<th>New Names in local use</th>
<th>Names assigned by Field</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Furnace Creek</td>
<td>1226.549</td>
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</tr>
<tr>
<td></td>
<td>Marley Creek</td>
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<tr>
<td></td>
<td>Back Creek</td>
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<td>Marley</td>
<td>549</td>
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</tr>
<tr>
<td></td>
<td>Glenburnie</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Saunders</td>
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<td>Ferndale</td>
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<td>Garland</td>
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<td></td>
<td>Woodlawn Heights</td>
<td>none</td>
<td></td>
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<tr>
<td></td>
<td>Elvaton</td>
<td>none</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
Chief of Party: J.C. Partington

Compiled by: W.V. Sukowski

Project: HT-175

Instructions dated: March 14, 1934.

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. 18a; b, c, d, e, g and i; 26; and 64)

2. Change in position, or non-existence of wharves, 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, h)

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 d, e)

Traverse A Crownsville to A Tank Glanburnie used to control plot. (See 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)

Blueprints used to locate new Annapolis Boulevard. (See descriptive report Section 3 (d)).

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.

Compared with Topographic Sheet No. T-2286 made in 1897.

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)

7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 18a, 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, 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. 29, 30, and 57)
   Descriptions on Form 524 of recoverable stations are filed under this compilation number.

10. A list of landmarks was furnished on Form 557 and Instructions in the Director's letter of July 14, 1934, Landmarks for Charts, complied with. (Par. 16d, e; and 60)
   No landmarks.

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 66k)
   Relay Quadrangle referred to for geographic name comparison.

13. The geographic datum of the compilation is North American 1927 and the reference station is correctly noted.

14. Junctions with adjoining compilations have been examined and are in agreement. (Par. 66j)

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; April 11, 1935

[Signature]

Chief of Party

19. Remarks after review in office:

[Signature]

Reviewed in office by:

[Signature]

Examinied and approved:

[Signature]

[Signature]

[A. Adams]

Chief, Section of Field Records

[Signature]

[L. D. Williams]

Chief, Division of Charts

[Signature]

[T. S. Borden]

Chief, Section of Field Work

[Signature]

[F. D. Breed]

Chief, Division of Hydrography and Topography.
Review of Air Photo Compilation T 5436

Projection

The projection of this compilation was tested and found to be satisfactory.

Bluffs

The heights of the bluffs as given below were estimated by the field inspection party. They are not shown on the compilation for they do not apply to a specific location.

In Marley Creek, from 5 to 15 feet
In Furnace Creek, from 5 to 15 feet

Comparison with other surveys and with the charts

(a) Charts Nos. 549 and 1226. An explanation is given in this descriptive report on page 9 for omitting topographic detail in the vicinity of the junction of Marley and Furnace Creeks. This is a military reservation.

(b) Old topographic surveys: T-2286 (1897), 1:20,000 scale. The T-2286 survey covers the Patapsco River and Chesapeake Bay from Curtis Creek to Magothy River and vicinity. Only that detail in the northwest corner of the compilation is covered by T-2286. The shoreline of Marley and Furnace Creeks has not undergone much change since the date of T-2286. The more important roads have been realigned. The compilation is complete and adequate to supersede T-2286 except for the contours.

Recoverable stations

The following recoverable topographic stations are described on Form 524. Descriptions are filed under this compilation number.

Traverse Station No. 33
Traverse Station No. 29

The remainder of stations on this traverse are filed under compilation number T-5422.

Leonard A. Metzger

S.G. Jones