

5817

77-4

Form 504  
Rev. June 1941  
DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

## DESCRIPTIVE REPORT

*Air Photographic*  
~~*River Traffic*~~  
~~*Hydrographic*~~

Survey No. T-5817  
(Field)

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

U. S. GOVERNMENT PRINTING OFFICE 315551

5817

Applied to check 1225

Nov. 30, 1942

g.K.S. (also review)

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

HT-215

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-5817

REGISTER NO.

State Maryland

General Locality Eastern Shore

Locality Denton to Greensboro

Scale 1:10,000 Date of Photographs 10-16-37  
6-30-40, 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. Rease, E. C. Jastrowski

Heights in feet above ---- to ground to tops of trees

Contour, Approximate contour, Form line interval --- feet

Instructions dated May 13, 1938; June 1, 1938; August 28, 1939;  
Mar. 31, 1938; June 19, 1938;, 19

Remarks: See file "AX" for general information

DATA RECORD -- T-5817

PHOTOGRAPHS

NUMBER	DATE	TIME	SCALE	ALTITUDE	*STAGE OF TIDE
4849	6-30-40	8:44a.m.	1:10,000	Unknown	.9' above M. L. W.
4850	6-30-40	8:44½a.m.	1:10,000	Unknown	.9' above M. L. W.
4851	6-30-40	8:45a.m.	1:10,000	Unknown	.9' above M. L. W.
4852	6-30-40	8:45½a.m.	1:10,000	Unknown	.9' above M. L. W.
4853	6-30-40	8:51a.m.	1:10,000	Unknown	.8' above M. L. W.
4854	6-30-40	8:51½a.m.	1:10,000	Unknown	.8' above M. L. W.
4855	6-30-40	8:52a.m.	1:10,000	Unknown	.8' above M. L. W.

\*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  $8\frac{1}{4}"$ ). 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. Lajoie-----Fall, 1941  
Name Investigation by-----J. Lajoie-----Fall, 1941  
The detail of this rough map is of the date of the above photographs.

GENERAL INFORMATION

Chief of Party-----F. L. Peacock-----  
Projection by-----Wash. Office Mapping Machine-----Mar. 10, 1941  
Projection Checked by-----Wash. Office Mapping Machine-----Mar. 10, 1941  
Control Plotted by-----L.W. Swanson-----July 30, 1941  
Control Checked by-----J. E. Deal, W. E. Schmidt-----July 31, 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-----C. Reese-----April 20, 1942  
Detail Rough Draft, Interior-----C. Reese-----April 20, to July 25, 42  
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° 54' 27.520" (848.6m)  
Longitude 75° 50' 22.268" (536.5m)

Maryland system of plane coordinates x

y

x coordinate : 1,130,227.98 FT.

y " : 393,338.93 FT.

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. <sup>Special Report</sup> Swanson, L.W. (library) 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:

4849-----	slight
4850-----	0° 42'
4851 to 4854 incl.----	slight
4855-----	1° 19'

Detailing:

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 shore-line. 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 <sup>with</sup> which to make a comparison.

Geographic Names:

A list of the geographic names will be found in the appendix on form M-234 and also on the map drawing. The geographic name investigation was made by J. Lajoie.

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.

*No 524 forms*

1. Water Tower
2. Gable House
3. Gable Mill
4. Gable Bathhouse
5. Windmill
6. Spire northeast of house
7. Gable barn

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. Jastkowski  
Edward C. Jastkowski  
Junior Engineering Aide

Preliminary review by

Jack L. Rihn  
Jack L. Rihn  
Prin. Photogrammetric Aide

Approved, *8/31/42*

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

Approved and Forwarded

Fred L. Peacock  
Fred L. Peacock  
Officer-in-Charge  
Air Photographic Party No. 2



# GEOGRAPHIC NAMES

Survey No. T-5817

GEOGRAPHIC NAMES											
Survey No. T-5817											
Name on Survey											

L. Heck 12/14/12

## Remarks

## Decisions

1		386762
2		389758-59
3		389758-59
4		"
5	\$ Spelled Chape Branch	"
6		389758-59
7		"
8		"
9		"
10		"
11		"
12		"
13		"
14	+ Known as M.D. & V. R.R. ? Called Maryland & Delaware Coast R.R. % Known as Queen Anne R.R.----17	
15	" Known as P.B. & W. R.R. = Called Pennsylvania R.R. * Known as Del. & Chesapeake R.R.----17	
16	See list "Denton" for location, just below Greensboro, E. side Choptank R.	389758-59
17		
18	12---Greensboro P. Master---C. F. Porter, 40 years Residence	
19	17---Queen Anne Storekeeper--J. A. Mulliken, 58 years Residence	
20		
21		
22		
23		
24		
25		
26		
27		

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 per #5  
W. W. St. John 12 Aug. 1943

Under the direction of  
D. Benson

P. J. Jones 8/48 M. E. Davidson  
Technical Assistant to the Chief, Nautical Charts Branch  
Chief, Div. of Photogrammetry Division of Charts

K. T. Adams C. K. Green  
Chief, Div. of Photogrammetry Chief, Div. of Coastal Surveys