

8777

Diag'd. on Diag. Ch. No. 294

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Photogrammetric Shoreline

Field No. Ph-7(46) C Office No. T-8777

LOCALITY

State New Jersey and Delaware

General locality Delaware River

Locality Artificial Island to Goose

Pond

1946-'48

CHIEF OF PARTY

E.L.Jones, Chief of Field Party

T.B.Reed, Baltimore Photogrammetric

Office

LIBRARY & ARCHIVES

DATE August 29, 1949

2228

## DATA RECORD

T- 8777

Quadrangle (II):

Project No. (II): Ph-7(46)C

Field Office:  
New Castle, DelawareChief of Party:  
E. L. JonesCompilation Office:  
Baltimore Photogrammetric OfficeChief of Party:  
Thos. B. ReedInstructions dated (II III):  
25 March 1946, 19 July 1946Copy filed in <sup>Division of</sup> Descriptive  
~~Report No. T-~~ (VI)  
Photogrammetry Office Files

Completed survey received in office:

13 August 1947

Reported to Nautical Chart Section:

Reviewed: 29 April 1949

Applied to chart No.

Date:

Redrafting Completed:

Registered: 22 August 1949

Published:

Compilation Scale: 1:10,000

Published Scale:

Scale Factor (III): 1.000

Geographic Datum (III): N.A. 1927

Datum Plane (III): <sup>H.W.</sup> M.S.L.

Reference Station (III): ELSINBORO, 1933

Lat.:

39° 32' 26.169" 807.1m

Long.:

75° 32' 01.883" 45.0m <sup>Adjusted</sup> ~~Unadjusted~~

State Plane Coordinates (VI):

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)  
75th meridian

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
46-D-1467 to 1471	3-1-46	1205	1:10,000	3.7' above M.L.W.
46-D-1475 to 1480	3-1-46	1220	1:10,000	3.5' above M.L.W.
46-D-1491 to 1496	3-1-46	1255	1:10,000	2.9' above M.L.W.
46-D-1497 to 1499	3-1-46	1305	1:10,000	2.8' above M.L.W.
46-D-1503 to 1508	3-1-46	1310	1:10,000	2.7' above M.L.W.
46-D-1516 to 1519	3-1-46	1325	1:10,000	2.5' above M.L.W.
46-D-1519-A	3-1-46	1345	1:10,000	2.2' above M.L.W.

Actual tide observations at Philadelphia corrected to  
Tide from (III): "Delaware City to Reedy Island.

Mean Range: 5.3'

Spring Range: 5.8'

Camera: (Kind or source) U.S.Coast and Geodetic Survey single lens camera  
wide angle, type "D" focal length 12".

Field Inspection by:  
E.L.Jones

date:  
June-July 1946

Field Edit by: (F-8753)  
Donald G. Flippo (F-8754)  
(F-8755)

date: Jan. - Mar. 1948

Date of Mean High-Water Line Location (III): Same as date of photographs  
supplemented with field inspection obtained during June and July 1946.

Projection and Grids ruled by (III) T.L.J.

date: 9-17-46

" " " checked by: T.L.J.

date: 9-17-46

Control plotted by: L.A.Senasack

date: 1-29-47

Control checked by: G.O.Fellers

date: 1-30-47

Radial Plot by: F.J.Tarcza  
H.R.Rudolph

date: May 1947

Detailed by: Ruth E. Rudolph

date: 6/9 to 7/22/47

Reviewed in compilation office by: J.W.Vonasek

date: 7/25 to 7/28/47

Elevations on <sup>Map Manuscript</sup> ~~Field Edit Sheet~~  
checked by: Not applicable

date:

STATISTICS (III)

Land Area (Sq. Statute Miles): 17

Shoreline (More than 200 meters to opposite shore): 14 statute miles

Shoreline (Less than 200 meters to opposite shore): 54 statute miles  
(measured along centerline only)

Number of Recoverable Topographic Stations established: 2

Number of <sup>Photo Hydro Points</sup> ~~Temporary Hydrographic Stations~~ located by radial  
plot: 7

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:

MAP T-8777 PROJECT NO. Ph-7(46)C SCALE OF MAP 1:10,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR $\nu$ -COORDINATE LONGITUDE OR $\lambda$ -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
						FORWARD	(BACK)	
ALEM RIVER REAR ANGE LT., 1933 ✓	G-1751 Pg. 126	N.A. 1927	<del>39° 34' 40.844"</del> <del>75° 30' 47.098"</del>	<i>Station destroyed.</i> <i>Lt. moved inshore</i>		<del>1259.6 (590.8)</del> <del>1124.1 (307.9)</del>		
ALEM COVE NORTH, 934 ✓	G-1913 Pg. 136	"	39° 34' 40.915" 75° 30' 46.942"			1261.8 (588.6) 1120.4 (311.6)		
ALEM, 1933 ✓	G-1664 Pg. 74	"	39° 34' 36.360" 75° 28' 38.280"			1121.3 (729.1) 913.6 (518.4)		
UB. STA. SALEM		"	39° 34' 75° 28'			1083.3 (767.1) 958.7 (473.3)		
ALEM, GAYNER GLASS O. STACK, 1933 ✓	G-1664 Pg. 126	"	39° 34' 30.383" 75° 28' 40.106"			937.0 (913.4) 957.2 (474.8)		
ALEM, GAYNER GLASS BLACK WATER ✓	G-1664 Pg. 126	"	39° 34' 29.263" 75° 28' 41.054"			902.5 (947.9) 979.8 (452.2)		
ALEM RIVER FRONT ANGE LT., 1933 ✓	G-1751 Pg. 127	"	39° 34' 15.324" 75° 31' 03.726"			472.6 (1377.8) 88.9 (1343.2)		
ALEM COVE SOUTH, 934 ✓	G-1913 Pg. 136	"	39° 34' 03.753" 75° 30' 43.614"			115.7 (1734.7) 1041.1 (391.1)		
LSINBORO, 1933 ✓	G-1664 Pg. 74	"	39° 32' 26.169" 75° 32' 01.883"			807.1 (1043.3) 45.0 (1887.8)		
ANCOCKS BRIDGE, ✓ 933	G-1664 Pg. 74	"	39° 30' 30.958" 75° 27' 38.423"	<i>East of map</i> <i>manuscript</i>		954.7 (895.7) 917.9 (515.5)		
UB. STA. HANCOCKS BRIDGE		"	39° 30' 29.299" 75° 27' 39.153"			903.5 (946.9) 935.4 (498.0)		
BOUNDARY MONUMENT Co. 5, 1934 ✓	G-1913 Pg. 137	"	39° 29' 52.718" 75° 31' 41.555"			1625.8 (224.6) 992.9 (440.7)		

1 FT. = .3048006 METER  
COMPUTED BY: L.A. Senasack  
CHECKED BY: G.O. Fellers  
DATE: 1/27/47  
DATE: 1/28/47  
M. 2388.12

[illegible]

11 FT. - 3048006 METER *L.A. Senasack*  
COMPUTED BY: *L.A. Senasack*

DATE 1/27/47

CHECKED BY:.....G.O.Fellers.....

DATE 1/28/47

M-2388.12

- 4 -

FIELD REPORT

SHORELINE MANUSCRIPT - SURVEY NO. T-8777

The area of this shoreline survey is within the limits of Topographic Surveys Nos. T-8753, T-8754, T-8755, and T-8756. For data concerning Survey No. T-8777 refer to the field reports of the above mentioned topographic surveys. *Filed in the Division of Photogrammetry General Files*

# RADIAL PLOT REPORT

PROJECT PH-7(46)-C

DELAWARE RIVER

SURVEYS NOS. T-8777 to T-8779 incl.  
and  
EASTERN HALF OF T-8775

## 1. GENERAL DESCRIPTION:

Surveys Nos. T-8775, T-8777, T-8778, and T-8779 are four of twelve shoreline surveys in Project Ph-7(46)C located along the Delaware River. Surveys Nos. T-8777 and T-8779 are located on the New Jersey side of the river between Pea Patch Island and Mad Horse Creek. Surveys Nos. T-8775 and T-8778 are located on the Delaware side of the river between Pea Patch Island and Liston Point. These surveys are to be compiled in accordance with Instructions dated 25 March 1946 and 19 July 1946 by graphic photogrammetric methods.

## 2. LAYOUT:

The layout of the maps, horizontal ground control and photograph centers are shown on the attached sketch.

## 3. PHOTOGRAPHS:

U.S. Coast and Geodetic Survey single lens photographs taken with type "D" camera, focal length 12 inches, contact scale 1:16,000. Ratio prints at scale of 1:10,000 were used for this radial plot.

## 4. MANUSCRIPTS:

The projections for this radial plot were ruled with polyconic projections, scale 1:10,000, New Jersey State grids and Delaware State grids (5,000 foot intervals). The projection and grid lines were ruled with the ruling machine and checked in the Washington Office.

## 5. CONTROL:

Twenty-eight existing horizontal control stations within the area of this radial plot, and three just outside the area of this radial plot, (not including those that fall in the area of the surveys to the north) were recovered and identified by the field party. In addition, one horizontal control station in the area of this plot recovered by the field party was identified in the compilation office.

This plot includes 32 recovered and identified horizontal control stations and 75 photographs.



6. FIELD INSPECTION:

The field identification of the horizontal control was good except as noted in the following paragraphs:

SALEM RIVER REAR RANGE LIGHT, 1933. Pricked direct by field unit. The radially plotted position falls 0.9 mm northeast of its geographic position.

BOUNDARY MONUMENT NO. 5, 1933. Pricked direct by the field unit. The radially plotted position falls 7.4 mm north-northeast of its geographic position.

DU PONT, 1933. See Radial Plot Report for Surveys Nos. T-8751 to T-8754 submitted 21 May 1947.

Note: A subsequent check of the identification of the substitute station which was requested, was made by Mr. S. J. Hathorn. It was found that the initial shown on the original pricking card should have read

R.M. No. 1. *What sub. station?* = *0.6 mm*  
*See Radial Plot Report for T-8751-54.* *0.6 mm*  
*0.6 mm*

The station was recomputed and found to hold in the plot.

7. SUMMARY:

The selection of substitute stations and identification of control was good except as noted in paragraph 6.

The distribution of the photographs was poor, with an overabundance in some areas, while in other areas coverage was sparse. This was especially so in the central part of survey No. T-8778.

The control was more than adequate in the northwestern part of the area while in the southeastern part it was sparse.

DETAILS OF RADIAL PLOTTING

8. The scale of the projection sheets was determined in the Washington Office. The radial plot was made with celluloid templets.

9. After all identified horizontal control had been plotted on the projection sheets it was immediately evident that the amount of control, in those areas covered by only a single flight of photographs, was insufficient to obtain the desired accuracy for radial plotting.

In order to strengthen the plot without establishing additional horizontal control by field methods, it was decided after consultation with Mr. Bennett G. Jones of the Washington Office, to run a 1:20,000

scale radial plot of the area and then transfer all common pass points established by the 1:20,000 radial plot to the projection sheets to be used in the 1:10,000 radial plot. Therefore, the radial plots were made for surveys Nos. T-8751 to T-8754 inclusive, and for T-8755 to T-8759 inclusive, scale 1:20,000, and all pass points located by these two radial plots which were common to surveys Nos. T-8775, T-8777, T-8778, and T-8779 were transferred from the 1:20,000 radial plot to the projection sheets to be used in the 1:10,000 radial plot. The transfer of these common pass points to the 1:10,000 projections was accomplished by following the same procedure as discussed in side heading 9 of the Radial Plot Report for Surveys Nos. T-8780, T-8782 and the southern portion of T-8778, submitted to Washington Office on 7 May 1947.

10. All horizontal control stations and pass points were then transferred to their respective base sheets by carefully matching common New Jersey State grid lines. The base sheets were joined by matching common New Jersey State grid lines.

11. A combined radial plot was laid for the areas of Surveys Nos. T-8777, T-8778, T-8779, and the eastern portion of T-8775 using celluloid templets. All of the horizontal control that could be accurately identified on the office photographs was "held to" tangentially or better except the three stations mentioned in side heading 6 of this report. Satisfactory results were obtained.

12. The projection sheets for Surveys Nos. T-8775, T-8777, T-8778, and T-8779, were then placed over the templets as laid on their respective base sheets and after matching common New Jersey State grid lines, the pass points as radially intersected and the photograph centers were pricked directly on the projection sheets.

13. The positions of all pass points and photograph centers are within 0.5 millimeters of their correct geographic positions.

#### REMARKS

14. The identification of horizontal control and selection of substitute stations was good.

15. The photographic coverage for shoreline delineation was sufficient. However, additional controlled flights would have been desirable.

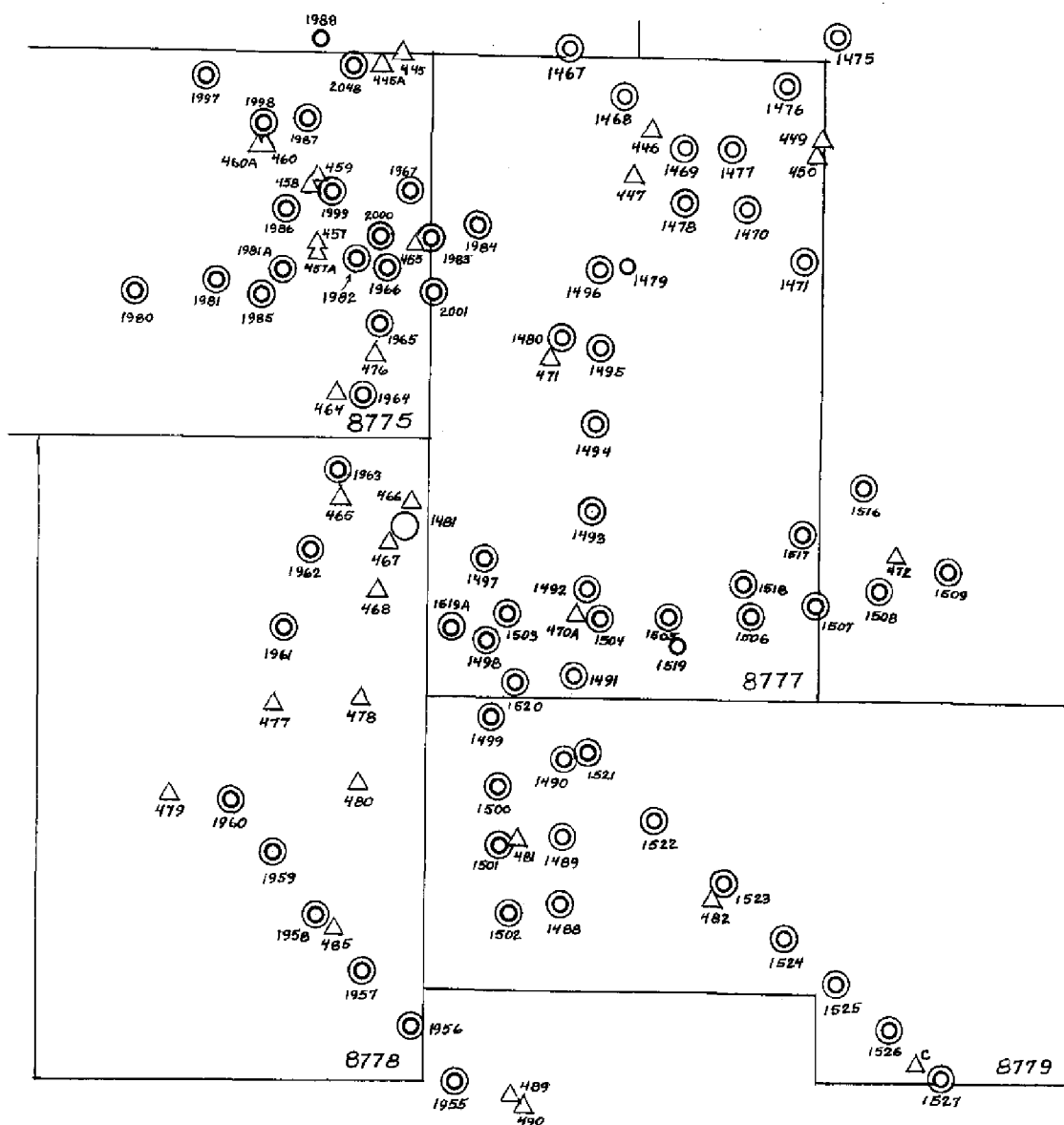
16. By transferring pass points located by the 1:20,000 scale radial plots to this plot good agreement between the shoreline manuscripts and the topographic quadrangles is obtained.

Respectfully submitted  
20 June 1947

Harry R. Rudolph  
Supervisor

Approved and Forwarded  
25 June 1947

Thos O. Reed  
Officer in Charge  
Baltimore Photogrammetric Office



#### LEGEND

- Office Photograph
- Field Photograph
- △ Horizontal Control (see attached list for names of Stations)

LAYOUT SKETCH  
for  
SURVEYS NOS. T-8777 to T-8779  
and  
EASTERN HALF of T-8775  
Project No. Ph-7-(46)-C

# LIST OF CONTROL

PROJECT PH-7-(46)-C

SURVEYS NOS. T-8777 to T-8779, incl  
and eastern half of T-8775

No.	Name of Station	Method of Identification
445	PEA PATCH ISLAND LIGHT, 1933	Pricked direct
445A	FORT DELAWARE, 1937	Substitute station
446	SALEM RIVER REAR RANGE LT., 1933	Pricked direct
447	SALEM RIVER FRONT RANGE LT., 1933	Pricked direct
449	SALEM, 1933	Substitute station
450	SALEM CAYNER GLASS CO., BLACK WATER TANK, 1933	Pricked direct
455	REEDY POINT C & D CANAL SOUTH, BREAKWATER FLASHING WHITE LIGHT, 1933	Pricked direct
457	DELAWARE CITY LIFT BRIDGE NORTH PIER, 1933	Detail points
457A	DELAWARE CITY LIFT BRIDGE SOUTH PIER, 1933	Detail points
458	FORT DUPONT BLACK WATER TANK, 1933	Pricked direct
459	DUPONT, 1933	Substitute station
460	DELAWARE CITY CHURCH SPIRE, 1933 (Destroyed May 1946)	Pricked direct in Compilation Office
460A	DELAWARE CITY SILVER STANDPIPE, 1933	Pricked direct
464	PORT PENN, 1933	Substitute station
465	PORT PENN PRES. CHURCH SPIRE, 1933	Pricked direct
466	REEDY ISLAND QUARANTINE STATION, WHITE WATER TANK, 1933	Pricked direct
467	REEDY ISLAND BAKER FRONT RANGE LIGHT, 1933	Pricked direct
468	REEDY ISLAND LIGHT, 1933	Pricked direct
470A	BOUNDARY MONUMENT NO. 5, 1933	Pricked direct
471	EL SINBORO, 1933	Pricked direct
472	HANCOCKS BRIDGE, 1933	Substitute station
476	BAKER REAR RANGE LIGHT, 1933	Pricked direct
477	LISTON FRONT, 1933	Substitute station
478	REEDY ISLAND JETTY MIDDLE LT., 1934	Pricked direct
479	PENNIMORES, 1933	R.M. No. 1 pricked direct
480	REEDY ISLAND DYKE FLASHING GREEN LT., 1933	Pricked direct
481	STONY, 1933	Substitute Station Pricked direct
482	HOPE, 1932	By arcs
7-4774 485	REEDY ISLAND FRONT RANGE LT., 1934	Pricked direct
489	DELAWARE RIVER AND BAY MONUMENT, 1933	Pricked direct
490	LISTON (U.S.E.) 1932	Pricked direct
C	ALDER (USE) 1932	Pricked direct

COMPILATION REPORT

SHORELINE MANUSCRIPT, SURVEY NO. T-8777

T-8777 is one of twelve shoreline manuscripts in Project No. Ph-7(46)C located along the Delaware River. These surveys are to be compiled in accordance with instructions dated 25 March 1946 and 19 July 1946 by graphic photogrammetric methods.

26. CONTROL:

See radial plot report for layout of control in this area. A list of stations on Form No. M-2388-12 is included in this report.

27. RADIAL PLOT:

See report for combined radial plot covering the northern portion of Survey No. T-8778 and the entire areas of Surveys Nos. T-8777 and T-8779 submitted to the Washington Office 24 June 1947. *Radial plot reports filed in Div. of Photogrammetry General Files Attached*

28. DELINEATION:

The compilation is in accordance with the written instructions pertaining to Project No. Ph-7(46) dated 19 July 1946.

Field inspection, particularly around Abbots Meadow, was inadequate. Much of this area is, or appears to be, flooded on the single lens photographs. However, on the nine lens photographs, which were taken at a later date and at a higher stage of tide, portions of these areas are visible and appear fairly dry. Since there was no field inspection in this area it has been delineated according to office interpretation.

Two front ranges and two rear ranges have been shown on Artificial Island. They are 25 feet high and are unlighted. It was not determined for what purpose these ranges are used but are probably for practice by the U. S. Army.

29. SUPPLEMENTAL DATA

Map of the City of Salem. *See Descriptive Report for T-8754 (review)*

30. MEAN HIGH WATER LINE:

No comment.

31. MEAN LOW WATER LINE:

Only that portion of the mean low water line identified by the field party (less than 1%) has been shown on the manuscript.

32. DETAILS OFFSHORE FROM THE HIGH WATER LINE:

No comment.

33. WHARVES AND SHORELINE STRUCTURES:

No comment.

34. LANDMARKS AND AIDS TO NAVIGATION:

See Form No. 567 submitted with the reports of Surveys Nos. T-8753 and T-8754.

*Copy attached to T-8753 Rec. Report for Salem River Front and Rear Ranges. See summary report in this Rec. Report.*

35. HYDROGRAPHIC CONTROL:

Each of the seven photo hydro points located have been shown with a dot and their descriptions lettered directly on the manuscript.

36. LANDING FIELDS AND AERONAUTICAL AIDS:

None

38. GEOGRAPHIC NAMES:

Geographic names were taken from final names standards, dated 12-9-46, 12-10-46, and 12-18-46, furnished by the Washington Office and from the map of the City of Salem. It is to be noted that "Tallberry Road" is shown as "Tilbury Road" on the City map. The name "Black Ditch Bar" has not been shown on the manuscript because it could not be delineated. A list of geographic names is attached to this report.

*Approved by Geog. Names Section. See list. attached*

39. JUNCTIONS:

Junction with Survey No. T-8779 to the south has been made and is in agreement.

Junction with Survey No. T-8774 to the northwest will be made when that Survey is compiled. *Survey T-8774 compiled and junction checked.*

Junction with Surveys Nos. T-8775 and T-8778 to the west are all water areas.

There is no contemporary survey to the northeast and to the east is the project limits.

40. BOUNDARIES

None shown.

#### 41. BRIDGES:

All bridge information for the area covered by this report as listed in the U. S. Engineers "List of Bridges Over Navigable Waters in the U.S.", dated 1 July 1941 was verified in the field, all clearances were carefully measured with a steel tape, and the published descriptions and clearances were found to be correct except for the following discrepancies which were not reported to the Local District Engineer: *Letter to District Engr. pending.*

Bridge at	Field Measurements	Published Bridge Measurements
Salem, N.J. over Salem River	Vert. Cl. 7.5'	Vert. Cl. 5.1'

#### 44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

Comparison has been made between T-8777 and the following quadrangles:

- \* 1. United States Geological Survey, Smyrna quadrangle, scale 1:62,500, edition of 1931.
- x \* 2. United States Geological Survey, Wilmington quadrangle, scale 1:62,500, edition of March 1906, reprinted 1944.
- 3. War Department, Corps of Engineers, U.S. Army, Salem Quadrangle, scale 1:62,500, edition of 1941.
- 4. War Department, Corps of Engineers, U. S. Army, Shiloh Quadrangle, scale 1:62,500, edition of 1941.
- \* Artificial Island does not appear on the quadrangles and the shoreline in that vicinity has been changed.
- x Goose Pond also does not appear on the quadrangle and the shoreline in that vicinity has changed.
- x The large water area just inland from Mill Creek Cove as shown on the quadrangle is now a marsh area with numerous streams.
- x Money Island appears as high ground and has two unimproved roads on it on the quadrangle but is shown on the manuscript as a marsh area with brush and grass growing on it and no roads are visible.
- x The area east of Money Island on the quadrangle is shown as a marsh area but is now flooded with only scattered spots of marsh visible.
- x The system of dikes as shown on the quadrangle has been changed considerably. In most cases the remains are still visible but are now only rows of brush while in some cases no trace of a dike was found.

In general, much change has occurred in the shoreline along the Delaware River.



45. COMPARISON WITH NAUTICAL CHARTS:

T-8777 has been compared with chart No. 294, scale 1:40,000, published September 1943 (10th Edition)(First Edition 1895) corrected to 13 July 1946.

The following topographic information shown on T-8777 is of sufficient importance to warrant immediate application to the chart:

None.

The following topographic details above the plane of mean high water are not shown on this manuscript, but are believed to still exist and should be carried forward on the chart:

None.

Low water features are shown only in part and should be completed by the hydrographic party.

Minor changes in cultural and shoreline details shown on this manuscript need no special discussion.

Respectfully submitted:  
23 July 1947

Ruth E. Rudolph  
Photogrammetric Aid  
Compilation and Compilation  
Report

Harry R. Rudolph  
Supervisor

Joseph W. Bourne  
Photogrammetric Office Reviewer

Approved and Forwarded  
13 August 1947

Thos B. Baird  
Officer in Charge  
Baltimore Photogrammetric Office

# GEOGRAPHIC NAMES

- Abbots Meadow .
- Alloway Creek .
- Alloway Hope Halfway .
- Artificial Island .
- Black Ditch .
- Black Ditch Bar (not shown)
- Bolls Creek . - *see Field Station T-8753*
- Delaware River .
- Eagle Island .
- Elsinboro Point .
- Fenwick Creek .
- Fishing Creek .
- Fort Elfsborg .
- Freas Road .
- Goose Pond .
- Majors Wharf .
- Marsh Point .
- Mill Creek Cove .
- Money Island .
- Mud Digger Ditch .
- New Cut .
- Oakwood Beach .
- Penns Neck Bridge .
- Pennsgrove Salem Road .
- Salem .
- Salem Country Club .
- Salem Cove .
- Salem River .
- Second Oak .
- Sinnickson Landing .
- Straight Ditch .
- ~~Tallberry~~ Road
- *Tilbury* .
- Mill Creek .
- Hickory I. .

Names preceded by • are  
approved. 12/28/48  
L. Heck

NOTES  
FOR  
HYDROGRAPHIC PARTIES  
DELAWARE RIVER

MAP MANUSCRIPT, SURVEY NO. T-8777

PROJECT NO. PH-7(46)

The 2½ millimeter circles, accompanied with a name and date, are the positions of the topographic stations. Photo hydro stations are shown with a dot and their descriptions lettered directly opposite. The 2½ millimeter circles on Artificial Island are the positions of two front ranges and two rear ranges which are 25 feet high and are unlighted. It is not known for what purpose they are used but are probably for practice by the U. S. Army.

The following topographic information shown on T-8777 is of sufficient importance to warrant immediate application to the chart;

None.

The following topographic details above the plane of mean high water are not shown on this manuscript, but are believed to still exist and should be carried forward on the chart:

None.

Low water features are shown only in part and should be completed by the hydrographic party.

Minor changes in cultural and shoreline details shown on this manuscript need no special discussion.

Respectfully submitted  
24 July 1947

Ruth E. Randolph  
Photogrammetric Aid

Approved and forwarded  
13 August 1947

Thos. J. R. R.  
Officer in Charge  
Baltimore Photogrammetric Office

Division of Photogrammetry  
Review Report of  
Shoreline Map Manuscript T-8777

Subject numbers not used in this review report have been adequately covered in the Descriptive Report.

26 Control

Triangulation station Salem River Rear Range Light<sup>1933</sup> has been destroyed. The light is now located approximately 10 meters inshore from its original position. The radially plotted position of the light is listed on Form 567 and this form is filed as Chart Letter 245 (1949) in the Nautical Chart Branch, Division of Charts.

28 Detailing

Other than the addition of the azimuth for the Salem River Range, no significant additions or corrections were made to the map manuscript.

The position of all compiled detail is within the limits of accuracy required for the project.

43 Comparison with Previous Surveys

T-140	1:10,000	1841
T-155	1:20,000	1842-43
T-156	1:10,000	1843
T-1505b	1:10,000	1882
T-1550	1:20,000	1882-83

The map manuscript supersedes the above surveys for common detail in common area. *for charting purposes.*

44 Comparison with Existing Topographic Quadrangles

Refer to paragraph 44 of the compilation Report for comparisons with topographic quadrangles.

45 Comparison with Nautical Charts

Chart No. 294, 1:40,000, 1943 (corr. to 19 July 1948)  
The map manuscript has not been applied to nautical charts as of the date of this review.

Reviewed by:

K. N. Maki

K. N. Maki, 4-29-49

APPROVED BY:

S. V. Griffith  
Chief, Review Section *K.N.M.*

H. R. Edmonston  
Chief, Nautical Chart Branch  
Division of Charts

K. T. Adams  
Chief, Division of Photogrammetry

W. M. Scaife  
Chief, Div. of Coastal Surveys

## NAUTICAL CHARTS BRANCH

SURVEY NO. T-8777

### 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.