

6111

Graphic Control

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

NOV 28 1934

Acc. No. _____

Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. PATTON, DIRECTOR

DESCRIPTIVE REPORT

Topographic | Sheet No. A 6111
~~Hydrographic~~

State New York

LOCALITY

East River

Old Ferry Pt. to Throgs Neck

1934

CHIEF OF PARTY

L. E. Rittenburg

U. S. GOVERNMENT PRINTING OFFICE: 1934

Graphic Control

6111

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 6111

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. E

REGISTER NO. 6111 *Graphic Control*

State New York

General locality East River *OK*

Locality Old Ferry Point to Throgs Neck and back side Dutch state Bay

Scale 1:10,000 Date of survey June, July, 1934

Vessel Shore Party 15

Chief of party L. E. Rittenburg

Surveyed by R. S. Spaulding

Inked by R. S. Spaulding

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated June 13, 1934, 19____

Remarks: _____

1.

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET " A " , EAST CHESTER
BAY, LONG ISLAND SOUND, NEW YORK, PROJECT H&T # 186, JUNE, JULY, 1934

Authority.

Work on this sheet was done in accordance with instructions from the Director dated June 13, 1934. This survey was made during the months of June and July, 1934.

Locality and junctions.

This sheet covers the north side of the East River from triangulation station Old, 1915 to Throgs Neck and then the west side of Eastchester Bay to triangulation station Edgewater, 1932, the northwest corner of Eastchester Bay, which is a continuation of Sheet T 6026, Cotton, 1933, and scattered places where this survey is slightly different from that of 1933. This sheet joins the topographic sheet of this party of 1933 at triangulation station Old, 1915 on the west and T 6026, 1933 work on the east.

Methods.

Usual standard plane table methods were used. All signals were built and located before any shoreline traverses were run. These signals were located by at least three good clear cut intersections from occupied triangulation stations or signals previously located. After the signals were located the shoreline detail was obtained. Where this sheet shows no shoreline detail the area omitted was adequately surveyed in 1933, by H. A. Cotton and shown on Sheet T 6026.

General.

In general this area is a rocky shoreline with numerous scattered rocks both close to shore and in the middle of Eastchester Bay. The shoreline as charted agrees fairly well with this survey. The chief dangers on this sheet are the rocks off the low water line and the rocks awash on both sides of the entrance to the unnamed creek at signal at, Lat 40-48.7 Long 73-48.2. In approximately Lat 40-49.6 Long 73-48.8 at the mouth of what is called Wier Creek on chart 223 this chart shows two rocks awash, which it is believed came from the attached cover sheet of a letter sent me by the office. The hydrographic sheet will show several rocks located off the Northwest entrance to this Wier Creek but not in the position charted. By referring to the attached cover sheet you will see Reported Rock - Changes New Clubhouse, etc. None of this applies to the entrance of Wier Creek as there are no new clubhouses, marine railways, etc. However this does apply to the next entrance southward which has been mentioned above. Here a new channel has been dredged, a new clubhouse and marine railway have been built. As a thorough search was made for the rocks charted and as the description applies to the southern one of the two creeks, it is believed that the author of this letter erred in calling the locality, entrance to Wier Creek, or else the local name for Wier Creek does not apply to that charted and should apply to this southern one of the two creeks. No exact information ~~exists~~ could be had on this point.

Landmarks for charts, recoverable stations etc.

A list of landmarks for charting has already been forwarded for this area to triangulation station Edgewater, 1932, by H. A. Cotton 1933 and is included with sheet T 6026. Between station Old, 1915 and Edgewater the only object worth charting have already been charted and there are no landmarks charted which are not suitable. Therefore no list of landmarks for charts has been attached. Form 524, ~~list of~~ description of recoverable hydro. or topo, stations have been made out for each station which can be recovered and have been forwarded. These stations are suitable for air photo control points. All stations of the U. S. Eng. within the limits of this sheet were searched for and those found were located.

R. S. Spaulding, Surveyor.
Coast & Geodetic Survey.

Descriptive report and topographic sheet verified and accepted.

I. E. Rittenburg, Lieut.,
Coast & Geodetic Survey,
Chief of Party.

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 6111 (1934)

Old Ferry Point to Throgs Neck, East River, New York

Surveyed: June - July, 1934

Instructions dated: June 13, 1934 (I. E. Rittenburg)

Plane Table Survey

Aluminum Mounted

Chief of Party: I. E. Rittenburg.

Surveyed and Inked by: R. S. Spaulding.

1. Condition of Records.

The records conform to the requirements of the Topographic Manual, with the following exceptions:

- a. Rocks awash are described as "Bare at 1/4 tide", etc. The manual requirement is that such rocks be described by notes indicating the number of feet the rock bares at low water.
- b. The Descriptive Report does not satisfactorily dispose of the apparent difference in opinion as to the location of Wier Creek.

2. Compliance with Instructions for the Project.

The survey complies with the instructions.

3. Junction with Contemporary Surveys.

A satisfactory junction was made with T-4777 (1933). The junction with T-6026 (1933) is good except that in the overlap of about 400 meters, 4 rocks which bare at low water were not shown on T-6111. They were added to T-6111 in green. Also in lat. $40^{\circ}51.7'$, long. $73^{\circ}48.9'$, an error due to inking the high water line beyond the junction was found. This was corrected after comparison with air photographs.

4. Comparison with Prior Surveys.

a. T-46 bis (1837)

A comparison of this survey with the present survey shows good agreement in general characteristics. The geographic locations of identifiable points are in fair agreement. Most of the rocks awash now shown were not located on the old survey.

b. T-488 (1855).

This survey was carefully compared with the present survey and no differences were noted except for some changes which have occurred in the marsh area at the western limits of the present survey.

c. T-604 (1857).

This survey is in fair agreement with the present survey both in shoreline delineation and in geographic location. The changes in the marsh areas are probably due to dredging operations.

d. T-1515 bis (1883 to 86) and T-1725 (1886).

A careful comparison of these surveys with the present survey shows good agreement. The present survey verifies all rocks which were formerly shown.

5. Field Drafting.

The field inking is satisfactory.

6. Additional Field Work Recommended.

No additional field work is required.

7. Superseding Old Surveys.

Insofar as the topography actually included on the present survey is concerned, it supersedes the following surveys for charting purposes:

T- 46 bis (1837)	in part.
T- 488 (1855)	" "
T- 604 (1857)	" "
T-1515 bis (1883 & 86)	" "
T-1725 (1886)	" "

8. Reviewed by - A. F. Jankowski, February, 1935.

Examined and approved:

C. K. Green, *C. K. Green*
Chief, Section of Field Records.

L. O. Robert
Chief, Division of Charts.

W. Borden
Chief, Section of Field Work.

G. H. Hude
Chief, Division of H. & T.

REVIEW OF GRAPHIC CONTROL SURVEY T-6111 , SCALE 1, 10,000

Date of Review 6-6-35, 10-3, 35

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T- 5264, , with particular attention to the following details:

- (a) Projection has been checked in the Field.
- (b) Accuracy of location of plane table control points.
- (c) Discrepancies between detail on this survey and the air photo compilations listed above.
- (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above.

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T- 5264, , for a more complete discussion of any errors or discrepancies found.

Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section.

Notes and corrections resulting from the review are shown on this survey in green.

*Position of O Post is doubtful and is rejected.
Description on Form 524 is marked VOID so far
as D.M. and D.P. is concerned.*