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Graphic Control

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

DESCRIPTIVE REPORT

Topographic
~~Hydrographic~~

Sheet No. B 6110

State New York

LOCALITY

Long Island Sound

Whitestone Point to Elm Point

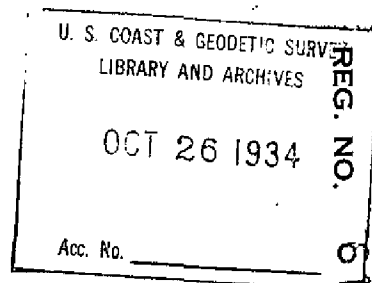
1934

CHIEF OF PARTY

I. E. Rittenburg

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. B

REGISTER NO. 6110 Graphic Control

State New York

General locality Long Island Sound

Locality Whitestone Point to Elm Point

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

Vessel Shore party 15

Chief of party L. E. Rittenburg

Surveyed by A. O. Dority

Inked by A. O. Dority

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated June 13, 1934, 19____

Remarks: _____

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET " B " PROJECT H. & T.
No. 186, EAST RIVER AND LONG ISLAND SOUND, NEW YORK.

Authority.

This survey was made in accordance with orders and instructions covering H.&T. Project 186, dated June 13, 1934. Field work was accomplished during July 1934.

Locality.

The area covered by this survey is the south side of the East River and Long Island Sound between a point a little west of Whitestone Point and Elm Point. This sheet joins the topographic sheet executed by this party in 1933 on the west and sheet no. C, 1934 on the east.

Control

The basic control for this survey was the triangulation established by R. W. Woodworth in 1932 supplemented by various other triangulation by other Coast Survey parties dating from 1885. This sheet is on the North American Datum.

Methods.

All signals were built and located before any shoreline traverses were run. These signals were located by the usual methods of obtaining at least three clear and distinct intersecting cuts to each signal by occupying three triangulation stations. No traverses for control were run and no triangles of error appeared on this sheet. Shore line, rocks, wrecks, etc., were all located by plane table and alidade with no sketching of any detail.

General.

In general the shoreline charted on 226 agrees fairly well with this shoreline but there are a few places where the shoreline differs somewhat from that charted. There are no dangers within the limits of this sheet except the rocky points and shores shown and the two wrecks barges mentioned below. The sunken barge situated near triangulation station Ware and lying just a little offshore from the end of the nearby dock is at present lighted fore and aft. At these extremities the hulk is marked by poles on which the Kehler Co's watchmen maintain lights at night. The sunken hulk shown in Lat. 40-57.9 Long 73-48.5 is awash at low tide and is marked only by its relative proximity to two large dolphins.

Landmarks for charts, Photo Control Points, list of recoverable stations. etc.

All landmarks suitable for charting have previously been located by triangulation as intersection stations and have been reported on by R.W.Woodworth in 1932. These have all been charted and are still good with the exception of the Flagpole at Douglaston which has been broken off about a meter above the ground and should be removed from the chart. Therefore no list of landmarks is attached hereto as it is believed unnecessary.

Photo control points.

The following points are considered suitable for photocontrol.

Beacon, Triangulation, Whitestone Point.

Ware Triangulation

Fox Topo. described on card 524

Little Triangulation

Pipe Topo described on card 524

Saddle and Elm both by triangulation.

All recoverable topographic stations have been described on cards 524 and have been forwarded to the office.

Approved, I.E.Ritenburg, Chief of Party.

A.O.Dority, surveyor.

I.E. Ritenburg

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 6110 (1934)

Whitestone Pt. to Elm Pt., Long Island Sound, 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: A. O. Dority.

1. Condition of Records.

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

- a. Notes regarding rocks awash are in vertical letters, whereas the requirement is slanting lettering for all features which are covered at high tide.
- b. Although all suitable landmarks were located by triangulation (see D. R., page 1, par. 6), it is required that landmarks for Charts be submitted on Form 567.

2. Compliance with Instructions for the Project.

The survey complies with the instructions.

3. Junction with Contemporary Surveys.

Satisfactory junctions were made with T-6109 (1934) on the north and with T-4776 (1933) on the west.

4. Comparison with Prior Surveys.

a. T-14 (1837).

A careful comparison of this survey with the present survey reveals no differences other than construction and improvements along the high water line. The present survey has a much more careful delineation of the low water line and offlying rocks.

b. T-33 bis (1837).

The area as shown on the present survey is substantially the same as in 1837. Construction along the high water line has been of minor importance and the agreement between this and the present survey is good. All rocks shown on this survey were verified on the present survey.

c. T-488 (1855), T-605 (1858).

These surveys were compared with the present survey. There is good agreement in the general trend and geographic location of the shoreline.

d. T-1725 (1885).

This survey is in very good agreement with the present survey except that a rock group off Willets Point was not verified on the present survey. However these rocks were located by the hydrographic party and they are shown on the contemporary hydrographic survey.

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- 14	(1837)	in part.
T- 33 bis	(1837)	" "
T- 488	(1855)	" "
T- 605	(1858)	" "
T-1725	(1885)	" "

8. Note to Compiler.

Attention is called to page 1, par. 6 of Descriptive Report regarding the broken flagpole at Douglaston.

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

Examined and approved:

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

F. B. Borden
Chief, Section of Field Work.

L. O. Pollock
Chief, Division of Charts.

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

PLANE TABLE
REVIEW OF GRAPHIC CONTROL SURVEY T- 6110 , SCALE 1/10,000 .

Date of Review *Dec. 16, 1935.*

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T- *5090 5088*, , 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- *5090 5088*, , 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.

Donald A. McIsaac
December 16, 1935.