

6099

Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: New York

DESCRIPTIVE REPORT

Topographic } Sheet No. "B" 6099
~~Hydrographic~~

LOCALITY

Threemile Harbor and vicinity.

193 4

CHIEF OF PARTY

Wm. D. Patterson, Lieut.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

U. S. COAST & GEODETIC SURVEY
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REG. NO. 6099

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. 6099

State New York

General locality Gardiners Bay L.I.

Locality Threemile Harbor and vicinity

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

Vessel Field Party No. 5

Chief of party Lieut. Wm. D. Patterson

Surveyed by D. S. Ling, Surveyor.

Inked by C. R. Smith

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated May 14, 1934

Remarks:

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET "B" (Field Letter)

THREEMILE HARBOR AND VICINITY, NEW YORK.

DATE OF INSTRUCTIONS

Director's Instructions dated May 14, 1934.

EXTENT

This sheet comprises a survey of Threemile Harbor and vicinity.

SURVEY METHODS

Standard Coast Survey planetable method, with an aluminum mounted sheet was used in this survey. The survey was controlled by triangulation stations located by L. C. Wilder in 1933. Since only station THREE POINT could be seen from points inside the harbor, hydrographic station "Sam" was located with theodolite angles (1D & 1R) and the position calculated by the three point problem. This station and THREE POINT was then used for the control of the survey of the harbor.

The locations of stations between GOOSE and "Pod" and between HOG and "Pop" were checked by planetable traverse since the intersections in these areas were weak.

Since aerial photographs were taken of this territory no shoreline was located on this sheet.

DESCRIPTION

The Gardiners Bay shoreline is a tree covered bluff except opposite Threemile Harbor where there are low sand dunes. The west shore of the harbor is practically all wooded but varies from 30 to 40 foot bluffs to low land with scattered summer cottages. The eastern shore is fairly low, mostly wooded, and has numerous summer homes.

REMARKS

The shoreline in this territory is subject to very little change.

At about one mile intervals recoverable topographic stations were established and described, using natural objects wherever possible. Where natural objects were not available, stations were marked by standard bronze discs set in concrete filled tiles or placed in a hole drilled in prominent rocks. Descriptions of these stations are forwarded under separate cover.

STATISTICS

No shoreline surveyed. Area surveyed about 8 square miles.

Respectfully submitted,

D. S. Ling

D. S. Ling, Surveyor,
U. S. Coast & Geodetic Survey.

Approved:

Wm. D. Patterson

Wm. D. Patterson, Lieut.,
U. S. Coast & Geodetic Survey,
Chief of Field Party No. 5.