

6202

U. S. COAST & GEODETIC SURVEY  
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6202

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

## DESCRIPTIVE REPORT

Topographic } Sheet No. A. 6202  
~~Hydrographic~~

State New York

### LOCALITY

Hudson River

CRUM ELBOW

Greer Point to Big Rock Point

Project - HT-190

1934

### CHIEF OF PARTY

John A. Bond

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

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Acc. No. \_\_\_\_\_

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. "A"

REGISTER NO. 6202

State New York

General locality Hudson River

CRUM ELBOW  
Locality Greer Point to Big Rock Point

Scale 1: 10000 Date of survey July-August, 19 34

Vessel MIKAWA

Chief of party John A. Bond, H. & G. Engr.

Surveyed by C. F. Chenworth, Aid

Inked by C. F. Chenworth, Aid

Heights in feet above \_\_\_\_\_ to ground to tops of trees

Contour, Approximate contour, Form line interval \_\_\_\_\_ feet

Instructions dated July 25, 19 34

Remarks:

## DESCRIPTIVE REPORT

To Accompany Topographic Sheet A

Hudson River

Instructions dated July 25, 1934

Project No. HT-190

### GENERAL DESCRIPTIONS

This sheet consists of two strips covering the Hudson River from a point slightly south of Greer Pt., which is about four miles north of Poughkeepsie, to a point about two miles north of Esopus Meadows Lighthouse.

The shoreline within the limits of the sheet is mostly rocky and wooded with rocky cliffs making up from the water's edge in many places.

On the east side of the river the tracks of the New York Central Railroad extend close along the shoreline except for a few places where they cut back through the trees for short distances.

In compliance with the instructions, only the shoreline and the topographic detail immediately adjacent thereto were surveyed.

### LANDMARKS

The landmarks falling within the limits of the sheet are being submitted on a separate report.

### CONTROL

The control was adequate. Triangulation stations were numerous and several could be seen from nearly all points on the sheet.

### SURVEY METHODS

Standard Coast Survey methods were used throughout. Little or no traverse was run as all triangulation stations were set-up over first and signals on the opposite shore were located by cuts. The positions of these signals thus obtained were later used as points to set-up over.

### BUILDINGS

In several instances cuts have been taken to houses inland from the river. In most of these cases only small portions of the buildings could be seen through the trees and no definite point could be located. A dotted line is drawn around these locations in pencil for the aid of the photo compilation.


GRASS SYMBOL IN WATER AREA

It will be noted that in several coves, the grass symbol is given in water areas. This is not marshland but tall grass and lilies which grow up through the water, in shoal areas, and will probably die out in the winter-time.

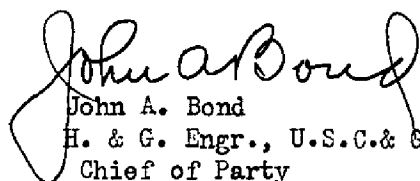
DATUM

The datum used is North American, carried forward through the unadjusted third order triangulation of C. A. Egner, 1933 and J. A. Bond, 1934. At station Terry, near Kingston, there is discrepancy of about 4 meters between the third order work and the 1858 second order triangulation. A scheme of first order triangulation is contemplated over the area in the near future, which will permit adjustment of the third order triangulation as well as establishing the N.A. 1927 datum for the area. Projection lines were inadvertently inked on this sheet but have been left in pencil on succeeding sheets of the season's work.

Submitted by:

  
C. F. Chenworth  
Aid, U.S.C.&G.S.

Approved by:

  
John A. Bond  
H. & G. Engr., U.S.C.& G.S.  
Chief of Party



To: H.M. Strong  
From: .C.F.M.

Survey No. T 6202

GEOGRAPHIC NAMES

Date. Feb. 21, 1935 NEW YORK

Chart No. 283

Names approved Feb. 21, 1935.

Diagram No. 283

Approved by the Division of Geographic Names, Department of Interior. \*

Referred to the Division of Geographic Names, Department of Interior. R

Under investigation. Q

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
	<del>Greer Point</del>	<u>Crum Elbow Pt</u> (USGB) Same			
	<u>Hyde Park</u>	"			
	<u>Bards Rock</u>	"			
	<u>Bolles Id.*</u>	"			
	<u>Blunts Id.*</u>	"			
	<u>Esopus Id.*</u>	"			
	<u>Indian Rock</u>	"			
	<u>Cave Point</u>	"			
	<u>Dinsmore</u>	"			
	<u>Dinsmore Point</u>	"			
	<del>Vanderberg Cove</del>	<u>Vanderburgh Cove</u> USGB decision			
	<u>Jones Id.*</u>	"			
	<u>Hemlock Point</u>	"			
	<u>Ellerslie</u>	"			
	<u>Big Rock Point</u>	"			
	<u>CRUM ELBOW</u>	(USGB) - a water feature			
	The Names on this Sheet were inked on the Sheet by the Field.				
	<u>Landsman Kill</u>	Same			
	<u>Fallsburg Creek</u>	"			
	* Abbreviation for ISLAND is I. U.S.G.B. 6th Report, p. 74. Follow ruling of USGB. HB.				

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 6202 (1934).

Greer Point to Big Rock Point, Hudson River, N. Y.

Surveyed July-August 1934

Instructions dated July 25, 1934 (MIKAWA)

Plane Table Survey - Aluminum Mounted

Chief of Party - J. A. Bond.

Surveyed by - C. F. Chenworth.

1. Condition of Records.

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

a. Slanting lettering was used in a few instances for objects which do not cover at high tide.

b. Landmarks for Charts, Form 567 are to be submitted in a separate report (See D.R. page 1). At the time of this review, they had not yet been received in the office.

2. Compliance with Instructions for the Project.

The survey complies with the instructions in every respect.

3. Junction with Contemporary Surveys.

Satisfactory junctions were made with T-6006(1933) and with T-6203 (1934).

4. Comparison with Prior Surveys.

There is no prior survey of this area by the Coast Survey.

5. Field Drafting.

The field inking of the survey is satisfactory.

6. Additional Field Work Recommended.

The survey is complete and no additional work is necessary.

7. Superseding Prior Surveys.

There are no prior surveys by this Bureau within the limits of the present survey.

8. Reviewed by A. F. Jankowski, February 1934.

Inspected by - A. L. Shalowitz.

Examined and approved:

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

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

*L. O. Dolbert*  
Chief, Div. of Charts.

*G. Wade*  
Chief, Division of H. & T.