

6204

U. S. COAST & GEODETIC SURVEY  
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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. C 6204

State New York

LOCALITY

Hudson River

Rondout Creek

Project HT-190

193 4

CHIEF OF PARTY

John A. Bond

U. S. GOVERNMENT PRINTING OFFICE: 1934

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

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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. "C"

REGISTER NO. 6204

State New York

General locality Hudson River

Locality Rondout Creek

Scale 1:5000 Date of survey August, 1934

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, 1934, 19

Remarks:

## DESCRIPTIVE REPORT

To Accompany Topographic Sheet C

Hudson River  
(Rondout Creek)

Instructions dated July 25, 1934

Project No. HT-190

### GENERAL DESCRIPTIONS

This sheet includes Rondout Creek from its mouth to a position several hundred meters above the West Shore railroad bridge.

In general the town of Kingston occupies the north shore of the creek while the south shore presents a heavily wooded appearance except for several small shipyards.

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 and triangulation stations could be seen from nearly all points on the sheet.

### SURVEY METHODS

Standard Coast Survey methods were used throughout. Three point fixes were resorted to frequently as most of the triangulation stations were located well back from the creek and on higher ground. Several points were located by graphic triangulation and later used for control. The closures of all traverses were satisfactory.

### GRASS SYMBOL IN WATER AREA

It will be noted that in several places the grass symbol has been given in water area. This is not marshland but tall grass which grows up through the water in shoal areas and which probably dies out in the winter-time.

### U.S. ENGINEERS MARKS

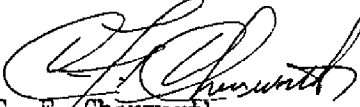
Several U. S. Engineer's marks were located and are shown

by the topographic station symbol and the name. A sketch and descriptions of these stations were available and while they were poorly marked, it is quite certain that the correct ones were recovered.

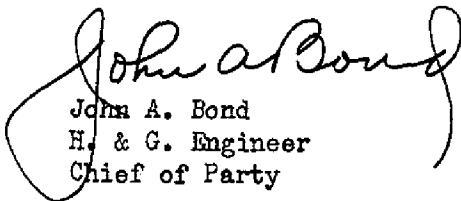
DATUM

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 a discrepancy of about 4 meters between the third order work and the 1858 second order triangulation. At station Mt. Merino, near Hudson, the discrepancy between the third order and 1858 second order triangulation is about 8 meters. As 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, projection lines have been left in pencil, (their extremities indicated by short inked lines) the final projection on the N.A. 1927 datum to be supplied by the office.

Submitted by:

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

Approved by:

  
John A. Bond  
H. & G. Engineer  
Chief of Party

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

Survey No. T 6204

Date. Feb. 21, 1935

## GEOGRAPHIC NAMES

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

[illegible]

CHK

80-SD

March 26, 1935.

To: Lieutenant J. A. Bond,  
U. S. Coast and Geodetic Survey,  
Launch MIKANE,  
Belhaven, North Carolina.

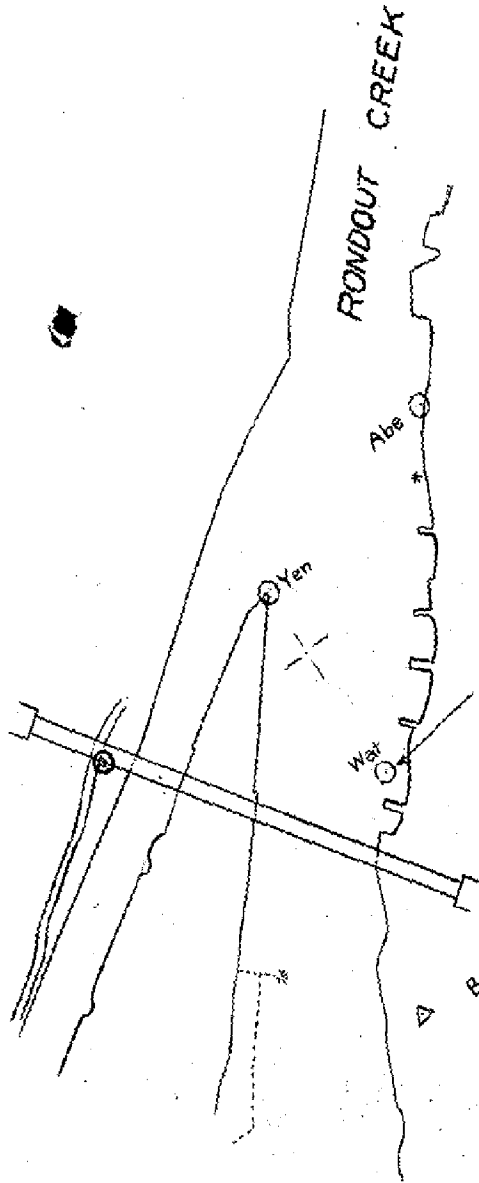
From: The Director,  
U. S. Coast and Geodetic Survey.

Subject: Topographic sheet T-6204, Hudson River.

Inclosed is a tracing of a section of your sheet T-6204,  
Hudson River, on which is shown signal WAT. As this signal is  
outside the high water line, information is desired as to the  
character of this feature in order that it may be properly  
charted.

Inclosure.

Acting Director.



41°55'00"  
73°58'30"

Blank 1934 U.S. Highway Route 9-W

SECTION OF TOPOGRAPHIC SURVEY NO. 6204  
FIELD LETTER "C"  
HUDSON RIVER  
Applied to T-6204  
A.F.J. 4/1/38  
SCALE 1:5000

"C"

41°54'30"  
73°59'00"



Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 6204 (1934)

Rondout Creek, Hudson River, New York

Surveyed 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. Clearances of bridges are not given.
- b. Features above high water were described with slanting letters, whereas the manual calls for the use of vertical lettering.
- c. The projection lines were left in pencil pending adjustment of triangulation. This has now been inked in the office. (See D.R. page 2).
- d. Signal "Wat", lat.  $41^{\circ}54.95$ , long.  $73^{\circ}59.0'$  is outside of the H.W. line without any description of its character. This matter has been referred to the field party.

Information received & applied to sheet. A.F.J.

2. Compliance with Instructions for the Project.

The survey complies with instructions.

3. Junctions with Contemporary Surveys.

A satisfactory junction was made at the mouth of Rondout Creek with T-6203(1934).

4. Comparison with Prior Surveys.

a. T-727(1858)

There has been considerable construction since the time of the old survey. Dikes have been built out well into the Hudson River from the mouth of Rondout Creek. However, there are many features which have remained substantially the same except for minor construction.

b. T-1533b (1868).

This survey is on scale of 1:2500 and no detailed comparison was attempted. There has been dike construction and other changes particularly noticeable on the island which was formerly cut up by ship or barge slips.



5. Field Drafting.

The field inking of the survey is satisfactory.

6. Additional Work Recommended.

The survey is complete, no additional work is necessary.

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-727 (1858) in part  
T-1533b (1868) in part.

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.

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

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

*G. H. Hude*  
Chief, Div. of H & T.