DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. G. Patton
Director

State: New York

DESCRIPTIVE REPORT

Topographic  | Sheet No. "B"  
Hydrographic  | 4700

LOCALITY

Hudson River, north of Nyack to Sing Sing Prison.

1932.

CHIEF OF PARTY

C. A. Egner
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. 4700

State. New York

General locality. Hudson River

Locality. Nyack to Sing Sing Prison

Scale. 1/10,000

Date of survey. July - Oct., 1932

Vessel. M. V. NATOMA

Chief of party. C. A. Louer

Surveyed by. Paul Taylor

Inked by. Paul Taylor

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval

Instructions dated. May 25, 1932

Remarks:

...
DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET NO. "B"

PROJECT NO. 108

HUDSON RIVER, NEW YORK

NORTH OF NYACK to SING SING PRISON

* * * * * * * * * * * * * * * * * * *

1. INSTRUCTIONS:

There were no instructions issued to cover the topography under this project. However, as the work was similar to that executed in 1930 on lower sections of the river, instructions for that year were considered to apply.

2. METHOD OF SURVEY:

The customary plane-table method was used. The signals were located by intersection from triangulation stations. No three-point fixes were necessary as the table could either be set over a signal or on range between two signals and the distance to one of them taped. Only two traverses were run; a very short one around Scarborough, and one around the outer wall at Sing Sing Prison.

3. DESCRIPTION:

The shore line on both sides of the river is rocky, fairly uniform and abrupt. There is practically no change in the shore line at high and low water.

The docks on the west side of the river, on which signals BULL and R&W are located, are decayed to such an extent that they are not used for docking. According to local information, the numerous wrecks and hulks on the west side of the river, around the dock on which signal R&W is located, are to be cleared away and the dock renewed in the near future by the Hudson River Day Line end
the State Park Commission. The dock on the east side of the river, on which signals YONK and SHAN are located, is under construction but is not suitable for use at present.

The traverse around Sing Sing Prison was very difficult due to the rough terrain and the necessity of short shots. The traverse was closed and adjusted on signal GUN.

No attempt was made to obtain topographic features other than those in the immediate vicinity of the shore line as this section is covered by aerial photographs. However, prominent objects were located, by intersection, back of the shore line and spotted on the photographs. Triangulation stations are indicated by black circles and topographic signals are indicated by green circles. Triangulation stations not included in topography will have a sketch of them on the back of the description. The photographs will be sent in collectively and not for each individual sheet.

Due to a defective observation of the meridian, it was not included on this sheet. However, a good meridian was obtained at Triangulation Station BANK, which is on the southwest edge of this sheet and is shown on Sheet "A". Another meridian was obtained at Triangulation Station POINT, which is about one mile north of this sheet and is shown on Sheet "C".

4. **NEW NAMES:**

Names appearing in pencil on this sheet were obtained from local residents but were not inked due to conflicting opinions.

5. **STATISTICS:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shore line</td>
<td>6.8 statute miles.</td>
</tr>
<tr>
<td>Area</td>
<td>6.8 square statute miles.</td>
</tr>
</tbody>
</table>

6. **LANDMARKS:**

Shown on form 567 "Landmarks for Charts".

Respectfully submitted,

Paul Taylor
Aid, C. & G. Survey.

Approved and forwarded,

C. A. Egger,
H. & C. J., Chief of Party.
REVIEW OF TOPOGRAPHIC SURVEY NO. 4700

Title (Par. 56)          Nyack to Sing Sing Prison, Hudson River, New York
Chief of Party            B.A. Egner
Surveyed by               P. Taylor
Inked by                  Paul Taylor
Ship                      Natoma
Instructions dated         May 25, 1932
Surveyed in                July 27, 1932

1. The survey and preparation for it conform to the requirements of the
   Topographic Manual. (Par. 7, 8, 9, 13, 16.)

2. The character and scope of the survey satisfy the instructions.

3. The control and closures of traverses were adequate. (Par. 12, 29.)

4. The amount of vertical control that the Manual specifies for contours-formlines- was accomplished. (Par. 18, 19, 20, 21, 22, 23.)
   No elevations determined

5. The delineation of contours-formlines- is satisfactory. (Par. 49, 50.) None shown

6. There is sufficient control on maps from other sources that were
   transmitted by the field party to enable their application to the
   charts. (Par. 29.) None submitted.

7. High water line on marshy and mangrove coast is clear and adequate
   for chart compilation. (Par. 16a, 45, 44.)

8. The representation of low water lines, reefs, coral reefs and rocks,
   and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.)

9. Rocks and other important details shown on previous surveys and on
   the chart were verified. (Par. 25, 26, 27.)

10. The span, draw and clearance of bridges are shown. (Par. 16c.)

11. Locations and elevations of summits are given. (Par. 10, 61.)

12. The tree line was shown on mountains. (Par. 16g.)

NOTE: Strike out paragraphs, words or phrases not applicable and modify
those requiring it. Paragraph numbers refer to those in the Topographic
13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.)

14. The descriptive report also contains additional information required in aero-topography relative to type of photographs, method of compilation and type of ground control.

15. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of DMs and DPs, 68.) List of topo signals included in Des. Rep.

16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16e, 60.) Filed as letter 86/1933

17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) See explanatory note in Des. Report page 2.

18. The geographic datum of the sheet is North American and the reference station is correctly noted. (Par. 34.)

19. Junctions with contemporary surveys are adequate.

20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 66k.) Names "Hook Pt" and "S infra" are used on chart 281. Names "North Park", "South Park", "N Infra", "S Infra", "Park", and "Hook Pt" are used on other maps. All in pencil by the field party.

21. The quality of the drafting is good. (Par. 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91.)

22. No additional surveying is recommended.

23. The Chief of Party inspected and approved the sheet and the descriptive report after review by

24. Remarks:


Examin and approved:

K. T. Adams
Chief, Section of Field Records

K. S. Borden
Chief, Section of Field Work

L. K. Holley
Chief, Division of Charts

G. H. Land
Chief, Division of Hyd. and Top.
See inserted last in Report, list of suspects. No doubt R means recoverable. Shall we make cards for these to put in the file?

madame 1923, 1924 please & KTA
Names have been referred to Bacon.

KTA
Mr. Bacon

on T 4700 are several names in pencil:

Hook Park
Hook Mountain
Interstate Park
South Park
North Park

See AAA map of Greater Metropolitan District for names of Parks.

See statement page 2 of B.D. Report.

but Sparta does not resemble the other listing and may have been put on by the compilers.

Suggest that these names be cleaned up by writing to N.Y. Board of Regents if necessary and proper action taken.

K. T. Adams

State Prison, U.S.G.S. Top. Sheets 421, 468 and 5025
T. 4700 Scarboro (Scarborough, P.O.)
AAA Road Map
W. B. McDow, W. C.
T 4701

Two names in pencil which are also on T 4700

   North Park
   Hook Mountain interstate Park

Also

   Red Stone Camp - on the
tops which is called
   Red Rock Camp in the
descriptive report.
<table>
<thead>
<tr>
<th>NAME</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sign</td>
<td>41-06</td>
<td>(1057) 73-52</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(1300)</td>
<td>964</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(1248)</td>
<td>1231</td>
</tr>
<tr>
<td>Tool</td>
<td></td>
<td>(1226)</td>
<td>1487</td>
</tr>
<tr>
<td></td>
<td>(364)</td>
<td>(1210)</td>
<td>1424</td>
</tr>
<tr>
<td>Vane</td>
<td></td>
<td>(29) 73-51</td>
<td>1813</td>
</tr>
<tr>
<td>Club</td>
<td>(38)</td>
<td>(65) 73-51</td>
<td>615</td>
</tr>
<tr>
<td></td>
<td>(1236)</td>
<td>(176) 73-54</td>
<td>954</td>
</tr>
<tr>
<td>Slim</td>
<td>(697)</td>
<td>(76) 73-51</td>
<td>1107</td>
</tr>
<tr>
<td>Jane</td>
<td>(744)</td>
<td>(238) 73-51</td>
<td>1482</td>
</tr>
<tr>
<td></td>
<td>(359)</td>
<td>(248) 73-51</td>
<td>2</td>
</tr>
<tr>
<td>Wind</td>
<td>41-07</td>
<td>(1649) 73-51</td>
<td>124</td>
</tr>
<tr>
<td></td>
<td>(1727)</td>
<td>(179) 73-51</td>
<td>211</td>
</tr>
<tr>
<td>Big</td>
<td></td>
<td>(1640) 73-51</td>
<td>213</td>
</tr>
<tr>
<td>Home</td>
<td></td>
<td>(1638) 73-51</td>
<td>393</td>
</tr>
<tr>
<td>Man</td>
<td></td>
<td>(1456) 73-51</td>
<td>906</td>
</tr>
<tr>
<td>Bull</td>
<td></td>
<td>(528) 73-51</td>
<td>617</td>
</tr>
<tr>
<td>Location</td>
<td>Number</td>
<td>Reference</td>
<td>Description</td>
</tr>
<tr>
<td>----------</td>
<td>--------</td>
<td>-----------</td>
<td>---------------------------------------</td>
</tr>
<tr>
<td>Oak</td>
<td>41-07</td>
<td>850</td>
<td>R.-Center of five gables on house.</td>
</tr>
<tr>
<td>Trees</td>
<td>415</td>
<td>1426</td>
<td>R.-Center of three gables on house.</td>
</tr>
<tr>
<td>Sig</td>
<td>(1409)</td>
<td>354</td>
<td>R.-West telegraph pole on overhead</td>
</tr>
<tr>
<td>Wash</td>
<td>1138</td>
<td>713</td>
<td>signal.</td>
</tr>
<tr>
<td>Ross</td>
<td>(840)</td>
<td>1011</td>
<td>R.-R.R. sign &quot;Ossining&quot;.</td>
</tr>
<tr>
<td>Switch</td>
<td>(331)</td>
<td>1760</td>
<td>R.-Centerline of brick switch house.</td>
</tr>
<tr>
<td>Tel</td>
<td>91</td>
<td>1580</td>
<td>R.-West telegraph pole on overhead</td>
</tr>
<tr>
<td>Sam</td>
<td>41-08</td>
<td>326</td>
<td>R.-West flagpole on Scarborough dock.</td>
</tr>
<tr>
<td>Rail</td>
<td>1208</td>
<td>643</td>
<td>R.-Centerline of brick switch house.</td>
</tr>
<tr>
<td>Ruin</td>
<td>715</td>
<td>1136</td>
<td>R.-Chimney on ruins of old house.</td>
</tr>
<tr>
<td>Shan</td>
<td>615</td>
<td>1236</td>
<td>R.-Flagman's shack.</td>
</tr>
<tr>
<td>Yonk</td>
<td>587</td>
<td>1264</td>
<td>R.-Flagman's shack.</td>
</tr>
<tr>
<td>Row</td>
<td>(32)</td>
<td>1819</td>
<td>R.-Small round guard tower.</td>
</tr>
<tr>
<td>High</td>
<td>(1735)</td>
<td>116</td>
<td>R.-Small round guard tower.</td>
</tr>
<tr>
<td>Mint</td>
<td>1227</td>
<td>624</td>
<td>R.-East face of concrete ruins.</td>
</tr>
<tr>
<td>Merry</td>
<td>859</td>
<td>992</td>
<td>R.-Merry-go-round roof peak.</td>
</tr>
<tr>
<td>Knob</td>
<td>799</td>
<td>1052</td>
<td>R.-Peak of round roof.</td>
</tr>
<tr>
<td>Rot</td>
<td>455</td>
<td>1396</td>
<td>R.-Peak of round roof.</td>
</tr>
</tbody>
</table>
Bet 41-08 (243) 73-54 (451) 948 N.R.
Sin 41-09 (1598) (201) 1198 R.-Peak of round roof.
Pris 14 (1637) 73-52 (1104) 295 R.-Small brick stack.
Gun 168 (1683) 441 R.-Flagpole
And 41-07 (1814) (1165) 37 234 R.-Roof peak of club house.
LANDMARKS FOR CHARTS
Norfolk, Virginia

December 9, 1932

C. A. Egger, H. & G. E.,
Chief of Party.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>POSITION</th>
<th>METHOD OF DETERMINATION</th>
<th>CHARTS AFFECTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tall white flagpole at South Park. FLAGPOLE 1</td>
<td>41 08 1112.1</td>
<td>73 54 669.7</td>
<td>N.A. Triang.</td>
</tr>
<tr>
<td>Tall white flagpole at North Park. FLAGPOLE 2</td>
<td>41 09 181.0</td>
<td>73 54 1166.1</td>
<td>&quot;</td>
</tr>
<tr>
<td>ROCKLAND L.E.</td>
<td>41 08 1553.9</td>
<td>73 54 419.6</td>
<td>&quot;</td>
</tr>
<tr>
<td>Bare rock always swash. ROCK</td>
<td>41 07 1399.4</td>
<td>73 58 229.8</td>
<td>&quot;</td>
</tr>
<tr>
<td>Weather vane on battlemented club house. VANE</td>
<td>41 06 1423.4</td>
<td>73 51 1376.2</td>
<td>&quot;</td>
</tr>
<tr>
<td>SW guard tower, Sing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SW guard tower, Sing</td>
<td></td>
<td></td>
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</tr>
<tr>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A list of objects which are of sufficient prominence for use on the charts, together with a description of the same, must be furnished in a special report on this form, and a copy of such report must be attached by the Chief of Party to his descriptive report. The selection, determination, and description of these points are of primary importance. The description of each object should be short, but such as will identify it; for example, standpipe, water tower, church spire, tank, tall stack, red chimney, radio mast, etc. Generally, flagstaffs and like objects are not sufficiently permanent to chart.