

JAN 23 1933

Acc. No.

Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton *Director*

State: New York

DESCRIPTIVE REPORT

Topographic
~~Hydrographic~~

Sheet No. "B"
4700

LOCALITY

Hudson River, north of Nyack to
Sing Sing Prison.

1932.

CHIEF OF PARTY

C. A. Egner

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST & GEODETIC SURVEY
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TOPOGRAPHIC TITLE SHEET

JAN 24 1933

Acc. No. _____

REG. NO. 4700

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. Egner

Surveyed by Paul Taylor

Inked by Paul Taylor

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

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&T 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&T is located, are to be cleared away and the dock renewed in the near future by the Hudson River Day Line and

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.

on the photographs
KTA

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:

Shore line	6.8 statute miles.
Area	6.8 square statute miles.

6. LANDMARKS:

Shown on form 567 "Landmarks for Charts".

Respectfully submitted,

Paul Taylor
Paul Taylor
Aid, C. & G. Survey.

Approved and forwarded,

C. A. Egnor
C. A. Egnor,
H. & C. E., Chief of Party.

REVIEW OF TOPOGRAPHIC SURVEY No. 4700

Title (Par. 56) *Nyack to Sing Sing Prison, Hudson River, New York*

Chief of Party *G.A. Egner* Surveyed by *P. Taylor* Inked by *Paul Taylor*

Ship *Natoma* Instructions dated *May 25, 1932* Surveyed in *July-Oct. 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. 28.) *None submitted.*
7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, 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. 18c.)~~
11. ~~Locations and elevations of summits are given. (Par. 19, 51.)~~
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 Manual. Use reverse side for extending remarks.

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. *No* descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of IMs and DPs, 68.) *List of topo signals included in Desc. Rep.*
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) *Filed as letter 86/1933* ✓
17. *No* magnetic meridian was shown, and ~~declination~~ was checked. (Par. 17, 52.) *See explanatory note in Desc. 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 Mt." and "Sparta" are used on chart 281. Names "North Park", "South Park", "Interstate Park" and "Hook Park" are the other names left in pencil by the field party. Hook Mt. is OK. Other names are being investigated. H.B. Sept 17, 1934.*
21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50.) ✓
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:

Reviewed in office by *R.J. Christman, Jan. 5, 1934.*

Examined and approved:

K.T. Adams
Chief, Section of Field Records

L.O. Robert
Chief, Division of Charts

F.S. Borden
Chief, Section of Field Work

G. Wade
Chief, Division of Hyd. and Top.

See

inserted last in
Report, list of signals.
No doubt R means
recoverable. Shall we
make cards for
these to put in
the file?

make one card for each
sheet R K TA

Names have been referred
to Bacon

KTA

183

Mr Bacon

on T 4700 are several names in pencil.

Hook Park { See AAA map of Greater Metropolitan District for names of Parks.
see T 4701 { Interstate Park

South Park

North Park - Shown on T 5024?
See US 48, Top 421, Top 968,
and Top 5025. Map merged
into existing page 2 of
Sparta 2001.

See statement page 2 of Peace Report.

but Sparta does not resemble the other littering and may have been put on by the compilers. Sparta on US 48, Tarrytown '28 State Prison on Tarrytown, 1928

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 { R.R. Bridge US 48, Paul McNally.

T 4701

Two names in pencil which are
also on T 4700

North Park

Hook Mountain Interstate Park

also

Red Stone Camp - on the
top sheet is called

Red Rock Camp in the
Descriptive Report.

SIGNALS LOCATED BY TOPOGRAPHY, SHEET "B", HUDSON RIVER

342.0

T 4760 - 1

NAME	LATITUDE	LONGITUDE	DESCRIPTION
Sign	41-06 794 (1057)	100 (1300) 73-52	N.R.-Sleepy Hollow sign board.
Stone	964 (887)	152 (1248)	N.R.- white rock.
Tool	1231 (620)	174 (1226)	R.-Small R.R. tool house.
Brik	1487 (364)	190 (1210)	R.-Small brick switch house. ✓
Vane	1424 (427)	1371 (29) 73-51	R.-Flagpole on stone battlemented clubhouse. ✓
Club	1813 (38)	1335 (65)	R.-Red spire and weather vane on house. ✓
Ed ? Ted	615 (1236)	1224 (176) 73-54	R.-Small boathouse flagpole.
Slim	954 (897)	1324 (76)	R.-Tall white flagpole.
Jane	1107 (744)	1162 (238)	R.-E. gable, white boathouse on pier.
Chap	1482 (369)	1152 (248)	R.-Boathouse flagpole.
Wind	2 (1849) 41-07	1096 (304)	R.-E. window small boathouse.
Big	124 (1727)	1221 (179)	R.-Round cupola on big white house. ✓
Home	211 (1640)	1200 (200)	R.-East gable of house.
Man	213 (1638)	1127 (273)	R.-Small boathouse cupola.
Bull	393 (1458)	874 (526)	N.R.
Drop	906 (945)	764 (636)	N.R.
Abode	617 (1234)	1108 (292) 73-51	R.-Round dome on white house. ✓

Oak	41-07	850 (1001)	73-51	1102 (298)	R.-Center of five gables on house. ✓
Tree		1436 (415)		1031 (369)	R.-Center of three gables on house. ✓
Sig		354 (1497)	73-52	167 (1232)	R.-West telegraph pole on overhead signal.
Wash		713 (1138)		123 (1276)	N.R.
Ross		1011 (840)		121 (1278)	R.-R.R. sign "Ossining".
Switch		1520 (331)		118 (1282)	R.-Centerline of brick switch house. ✓
Tel		1760 (91)		72 (1328)	R.-West telegraph pole on overhead R.R. signal.
Sam	41-08	326 (1525)		67 (1333)	R.West flagpole on Scarborough dock.
Rail		643 (1208)		62 (1338)	R.-Centerline of brick switch house. ✓
Ruin		1136 (715)		30 (1370)	R.-Chimney on ruins of old house.
Shan		1236 (615)		176 (1223)	R.-Flagman's shack.
Yonk		1264 (587)		188 (1211)	N.R.
Low		1819 (32)		422 (977)	R.-Small round guard tower. ✓
High		116 (1735)	73-54	569 (830)	N.R.
Mint		624 (1227)		623 (776)	R.-East face of concrete ruins.
Merry		992 (859)		634 (765)	R.-Merry-go-round roof peak.
Knob		1052 (799)		648 (751)	R.-Peak of round roof. ✓
Rot		1396 (455)		688 (711)	N. R.

Bet	41-08	1608 (243)	73-54	948 (451)	N.R.
Sin	41-09	259 (1598)		1198 (201)	R.-Peak of round roof. ✓
Pris		14 (1837)	73-52	295 (1104)	R.-Small brick stack. ✓
Gun		168 (1683)		441 (958)	R.-Flagpole
And	41-07	37 (1814)		234 (1165)	R.-Roof peak of club house. ✓

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

T-4700

LANDMARKS FOR CHARTS

Norfolk, Virginia

December 9 1938

DIRECTOR, U. S. COAST AND GEODETIC SURVEY:

The following determined objects are prominent, can be readily distinguished from seaward from the description given below, and should be charted.

C. A. Egnor, H. & C. E.

Chief of Party.

[illegible]

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.