

4743

Form 504
Ed. June, 1928

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

State: New York

DESCRIPTIVE REPORT
4743

Topographic Sheet No. F
~~Hydrographic~~

LOCALITY

Hudson River
Peekskill and vicinity

19 32

CHIEF OF PARTY

C. A. Egner

U. S. COAST & GEODETIC SURVEY
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D E S C R I P T I V E R E P O R T
T O A C C O M P A N Y
T O P O G R A P H I C S H E E T " F "
P E E K S K I L L A N D V I C I N I T Y
H U D S O N R I V E R , N E W Y O R K

M. V. N A T O M A

C. A. E G N E R , C O M ' D G

1 9 3 2

DESCRIPTIVE REPORT
TO ACCOMPANY
TOPOGRAPHIC SHEET " F ",
PEEKSKILL AND VICINITY
HUDSON RIVER, NEW YORK.
M. V. NATOMA,

C. A. EGNER, COMMANDING,

1 9 3 2

INSTRUCTIONS:

There were no instructions issued to cover topography on 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.

July 22, 1930

METHOD
OF SURVEY:

The customary plane-table method was used. The majority of signals were located by intersection from triangulation stations. Topography along the beach were run directly from these signals. Traverses were run back from the beach to locate the roads and streets on both sides of the river. A traverse was used to locate shore line and topography up Peekskill. No elevations were taken as this area is covered by the Geological Quadrangle maps.

EXTENT:

This sheet comprises a survey of the shore line and adjacent topography of the Hudson River from Lents Cove, south of Peekskill, to triangulation station HOLE, north of Peekskill, including Jones Point, Peekskill and Camp Smith.

DESCRIPTION:

The shore line on the west side of the river is rocky and uniform. On the east side of river the shore line is irregular and broken by docks and coves.

The traverse around Peeks Kill was started from signal YORK and brought back to that same signal. Traverses for roads were either tied in with three point fixes or by connection to some topographic or triangulation station. Some of the secondary roads, shown with broken lines, were sketched in with their intersection with main highways located by rod readings.

Old decaying piles of former docks around Jones Point and Peekskill are shown on the sheet by black dots.

STATISTICS:

Shore Line	698 Statute Miles
Traverse	8.0 " "
Area in square miles	2.5 " "


LANDMARKS:

Landmarks are shown on Form 567 "Landmarks for Charts".

Respectfully submitted,

Paul Taylor
Aid

Approved and forwarded;


C. A. Egner
Chief of Party

SIGNALS LOCATED BY TOPOGRAPHY, SHEET "F"

NAME	LATITUDE	LONGITUDE	DESCRIPTION
Soc .	41-17 70 (1781)	73-57 654 (742)	N. R.
Yel .	209 (1842)	606 (790)	Roof gable of Jones Pt. P. O.
Sand .	264 (1587)	522 (874)	White concrete junction box.
Side .	345 (1506)	490 (906)	Railroad sign "44"
Soda .	425 (1426)	446 (950)	N. R.
Box .	540 (1311)	439 (957)	N. R.
Lime .	685 (1166)	463 (933)	N. R.
Phone .	764 (1087)	522 (874)	N. R.
Cobb .	884 (967)	843 (753)	Flagman's shanty.
Strip .	966 (885)	741 (655)	N. R.
Shan .	1051 (800)	852 (544)	Flagman's shanty.
Ear .	41-16 748 (1103)	73-57 52 (1345)	N. R.
Tar .	840 (1011)	73-56 1346 (51)	N. R.
Hope .	863 (988)	1260 (137)	N. R.
Ton .	909 (942)	1176 (221)	N. R.
Wrap .	873 (978)	1080 (317)	N. R.
Bar .	820 (1031)	988 (409)	N. R.

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SHEET "F"

NAME	LATITUDE	LONGITUDE	DESCRIPTION
Good	41-16 597 (1254)	73-56 932 (465)	N. R.
Sue	735 (1116)	890 (507)	N. R.
Fall	650 (1201)	818 (579)	N. R.
Head	629 (1222)	668 (729)	N. R.
Back	829 (1022)	766 (631)	West gable, tin shed.
Wave	927 (924)	849 (548)	N. R.
Post	1099 (752)	898 (499)	N. R.
Barn	1190 (661)	850 (547)	N. R.
Pig	1265 (586)	708 (689)	N. R.
Sap	1407 (444)	600 (797)	N. R.
Chute	1410 (441)	511 (886)	North gable tin chute.
Toy	1369 (482)	421 (976)	N. R.
Line	1387 (464)	326 (1071)	Center west face concrete culvert.
Run	1535 (316)	366 (1031)	N. R.
Wash	1769 (82)	223 (1174)	N. R.
Oak	41-17 27 (1823)	108 (1289)	N. R.
Steel	123 (1728)	73-55 1272 (124)	Railroad water tank.

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SHEET "F"

NAME	LATITUDE	LONGITUDE	DESCRIPTION
Stone . 41-17	207 (1642)	73-55 1335 (61)	N. R.
Coal .	301 (1550)	1273 (123)	West gable, house on coal chute.
Boom .	368 (1483)	1290 (106)	Tall Red boom.
Town .	532 (1319)	1339 (57)	N. R.
Bulk .	578 (1273)	1216 (180)	N. R.
Pop .	690 (1161)	1291 (105)	N. R.
Sig .	802 (1049)	1357 (39)	N. R.
Chim .	937 (914)	73-56 13 (1383)	Chimney on green house.
New .	1027 (824)	188 (1208)	N. R.
Rail .	1082 (769)	293 (1103)	N. R.
Road .	1176 (675)	530 (866)	N. R.
York .	1218 (633)	666 (730)	N. R.
Sub .	1250 (601)	826 (570)	N. R.
Wibe .	1312 (539)	987 (409)	N. R.
Edge .	1356 (495)	1074 (322)	South corner ruins.
Pile .	1305 (546)	1122 (274)	N. R.
Dog .	1309 (542)	1198 (198)	N. R.

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SHEET "F"

NAME	LATITUDE	LONGITUDE	DESCRIPTION
Smoke .	41-17 1422 (429)	73-56 1252 (144)	Chimney on white house.
Sign .	1451 (400)	1380 (16)	Railroad sign #128
Tool .	1470 (381)	73-57 80 (1316)	Tool shack.
Chain .	1507 (344)	156 (1240)	N. R.
Pipe .	1172 (679)	73-56 300 (1096)	Flagpole
Bug .	1291 (560)	106 (1190)	West gable house.
Brig .	1408 (443)	102 (1294)	N. R.
Shi .	1484 (367)	38 (1358)	N. R.
Barg .	1590 (261)	73-55 1306 (90)	N. R.
Shol .	1688 (163)	1241 (154)	N. R.
Wrek .	41-18 74 (1777)	1222 (174)	Pilot house of wreck.
Whit .	199 (1652)	1050 (346)	N. R.
Low .	540 (1311)	914 (482)	N. R.
Grap .	516 (1335)	1002 (394)	N. R.
Inn .	41-17 1617 (234)	73-56 356 (1040)	East gable of gas station.
Bill /	1476 (375)	238 (1158)	N. R.
Fla .	1556 (295)	552 (844)	N. R.

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SHEET "F"

NAME	LATITUDE	LONGITUDE	DESCRIPTION
Wag	41-17 1709 (142)	73-56 808 (588)	N. R.
Top	1736 (115)	1082 (314)	N. R.
Jar	1547 (304)	1006 (390)	N. R.
Pole	1707 (144)	73-57 411 (985)	N. R.
Strip	1808 (43)	491 (905)	N. R.
White	41-18 18 (1833)	776 (620)	N. R.
Stone	208 (1643)	840 (556)	N. R.
Pen	225 (1626)	1072 (324)	N. R.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

Newburgh, N.Y.

July 31 _____ 1933

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. Egner

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, flagstaves and like objects are not sufficiently permanent to

REVIEW OF TOPOGRAPHIC SURVEY No. 4743

Title (Par. 56) *Peekskill and vicinity, Hudson River, New York*
 Chief of Party *L. A. Egner* Surveyed by *P. Taylor* Inked by *Paul Taylor*
 Ship *Natoma* Instructions dated *June 18, 1932* (July 22, 1930) Surveyed in *Sep-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.)
None
5. The delineation of -contours-formlines- is satisfactory. (Par. 49, 50.)
None
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.) *The rock awash shown on chart 282, north entrance to Lewis Cove, was not verified. The small island northeastward is now a part of the mainland.*
10. The span, draw and clearance of bridges are ^{not} shown. (Par. 16c.)
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. ~~The~~ ^{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 DP's, 68.)
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) ✓
17. The magnetic meridian was shown and declination was checked. ✓ (Par. 17, 52.)
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.)
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, Oct. 20, 1933*

Examined and approved:

L. O. Solbert
Chief, Section of Field Records

F. S. Brown
Chief, Section of Field Work

C. J. [Signature]
Chief, Division of Charts

G. W. [Signature]
Chief, Division of Hyd. and Top.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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TOPOGRAPHIC TITLE SHEET

REG. NO. 4743

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. F

REGISTER NO. 4743

State New York

General locality Hudson River

Locality Peekskill and Vicinity

Scale 1:5,000 Date of survey Sept. Oct. 1932, 192

Vessel 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....., 192

Remarks: There being no instructions issued for work this season,
instructions for 1930 were considered to apply.

APPLIED TO ALUMINUM-MOUNTED DRAWING OF THE RECONSTRUCTION
OF CHART No. 282

F. M. Albert

Oct. 1934