

4784

4784

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

DEC 14 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. "F" 4784

LOCALITY

Hudson River

Danskammer Light North

1933

CHIEF OF PARTY

C. A. Egner

U. S. GOVERNMENT PRINTING OFFICE: 1928

4784

Applied to chart 283 F.M.A. June 1935

DESCRIPTIVE REPORT
to accompany
TOPOGRAPHIC SHEET "F"
DANSKAMMER LIGHT NORTH
HUDSON RIVER, NEW YORK
PROJECT NO. HT-147, 1933

M. V. NATOMA

C. A. EGNER, COMMANDING

INSTRUCTIONS:

Work on this sheet was executed as part of the season's work of combined operations done by the M. V. NATOMA. There were no specific instructions for topography covered by this sheet. However, as work was similar to that executed on lower sections of the river, those instructions were considered to apply.

METHOD OF SURVEY:

The usual plane-table method was used. With the exceptions noted below, signals were located by intersection from triangulation stations. Topography along the shore was run directly from these signals or from three-point fixes. Inshore topography was obtained from traverse.

Exceptions: Signals on Wappinger Creek were located either by cuts from traverse or by stadia. Signals ALE, COW, and IT on the west bank and DUB and FLAG on the east bank were located by traverse.

EXTENT:

This sheet comprises a survey of the shore line and adjacent topography from Danskammer Point to a point three-quarters of a mile to the north of Camelot, including the towns of Wappingers Falls, New Hamburg, Marlboro, and Camelot. It also includes Wappinger Creek from the entrance just below New Hamburg to the end of navigation near Wappingers Falls.

DESCRIPTION:

The shore line on both sides of the river is generally rock, being, throughout its greater part, shore line made by the rock fills forming the road beds of the New York Central and the West Shore Railroads. The shore lines of Wappinger Creek are mainly composed of mud backed by low wooded hills. The shore line of the river is hilly and generally thickly wooded.

In the vicinity of New Hamburg and of Marlboro there are a number of old and new docks. There have been few changes in the natural topography since the last charts were made, excepting at the quarries noted on the sheet.

The streets and main roads shown on this sheet were obtained from closed traverses. Secondary roads, private roads, and trails were run by needle traverses and tied in to either three-point fixes or to the main traverse.

Buildings along the water front were located by rod-readings, while those inshore were either located by cuts from traverse or sketched in, as in the case of dwellings along streets. All large buildings that might be used as possible landmarks for photographs were located by rod-readings.

Vegetation lines and vegetation were sketched in.

Difficulty was encountered in obtaining a satisfactory junction with sheet "E" of the secondary road shown on the east bank of the river. This is referred to in the Descriptive Report for sheet "E" and recommendations made.

Stones
No closure was made of the secondary road leading east from Chelsea. Lake Pontusco was located by rod-readings from needle traverse. Caspar Creek was plotted from the blue-print of the holdings of the New York Traprock Corp. which accompanies this sheet.

The crusher plant and accompanying buildings of the New York Traprock Corp. are not shown on this sheet, as they are shown in detail and on a larger scale on the aforementioned blue-print. However, topographic signal LEG is the south end of the gable on the main plant and topographic signal MOP is the end of the gable of the loading chute for the plant.

NAMES:

The settlement in the vicinity of Latitude 41-38, Longitude 73-57 is shown on the old chart under the name of BARNEGAT. The name of the railroad station for this community is CHELSEA and it is known locally under that name (?) *Camelot*

Local name is reported to be Stonewall, and is used on G.B. maps.

The settlement near Latitude 41-36, Longitude 73-58 is shown under the name of HAMPTON on the old charts. This is a flag station on the West Shore railroad named CEDAR BLUFF, but the settlement is not of sufficient consequence to be very well known, even locally, under either name. If either name is used on new charts, it is recommended that it be CEDAR BLUFF.

JUNCTIONS:

This sheet joins sheet "E" of 1933 at triangulation station LIGHT which is Danskammer Light at the extreme end of Danskammer Point and joins sheet "G" of 1933 at a point three hundred meters to the north of triangulation station GREEN, which is on the west shore of the river.

STATISTICS:

Shore line	36.7	statute miles.
Traverses (roads)	33.5	" "
Area covered	4.0 sq.	" "

LANDMARKS:

Landmarks are shown on Form 567, "Landmarks For Charts."

Respectfully submitted,

A. W. Green, Jr.

A. W. Green, Jr.
Draftsman.

Approved and forwarded:

C. A. Egner

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

POSITIONS OF TOPOGRAPHIC SIGNALS

HUDSON RIVER -- TOPOGRAPHIC SHEET "F"

NAME	LATITUDE			LONGITUDE			Description
	o	'	Seconds in Meters	o	'	Seconds in Meters	
Ale	41	34	--- (858)	73	57	1328 (63)	N. R. Whitewashed rock.
And			--- (627)			1200 (190)	N. R. Whitewashed rock.
Ark			--- (454)			1094 (296)	N. R. Whitewashed rock.
Box			--- (316)			1040 (350)	R. White concrete box.
Bow			--- (124)			944 (446)	N. R. Whitewashed rock.
Buck	41	35	404 (1447)			814 (576)	N. R. Whitewashed rock.
Bone			913 (938)			826 (564)	N. R. Whitewashed rock.
Cuf			1216 (635)			873 (517)	R. Gable at end of loading chute.
Back			1519 (332)			907 (483)	R. White concrete box.
Bug			1763 (88)			949 (441)	N. R. Whitewashed rock.
Bum	41	36	267 (1584)			1011 (379)	N. R. Whitewashed rock.
Cat			877 (974)			969 (421)	R. White concrete box.
Cod			1104 (747)			913 (477)	N. R. Whitewashed pole.
Cop			1403 (448)			836 (554)	N. R. Whitewashed rock.
Cap			1658 (193)			762 (627)	R. White concrete box.

NAME	LATITUDE			LONGITUDE			Description
	o	'	Seconds in Meters	o	'	Seconds in Meters	
Cow	41	37	109 (1742)	73	57	641 (748)	R. Striped box.
Edge			624 (1227)			673 (716)	R. N. edge of "Rosoff" sign.
Hud			943 (908)			644 (745)	N. R. Whitewashed pole.
It			1195 (656)			569 (820)	N. R. Whitewashed rock.
Roof			1805 (46)			461 (928)	R. Peak of roof on watchman's shanty.
Hog	41	38	296 (---)			436 (953)	R. White concrete box.
In			729 (---)			415 (974)	N. R. Whitewashed rock.
Dog	41	34	--- (1260)			124 (1266)	R. Striped box.
Man			--- (960)	73	56	1374 (16)	R. Chimney on watchman's shanty.
Dye			--- (726)			1293 (97)	R. Striped box.
Eva			--- (556)			1245 (145)	N. R. Whitewashed rock.
Eye			--- (236)			1175 (215)	R. Black box.
Egg	41	35	47 (1804)			1314 (76)	N. R. White wrapped tree.
Chim			244 (1607)			1258 (132)	R. Br. chimney on small concrete shack.
Pile			283 (1568)	73	57	112 (1278)	N. R. Whitewashed pile.
Flag			493 (1358)			29 (1361)	R. Small flagpole.

NAME	LATITUDE			LONGITUDE				Descriptions
	o	'	Seconds in Meters	o	'	Seconds in Meters		
Pole	41	35	652 (1199)	73	57	89 (1301)	R.	Yacht club flagpole.
Dry			935 (916)	73	56	1248 (132)	N. R.	Whitewashed rock.
Eat			1314 (537)			1070 (320)	R.	Striped box.
Draw	41	36	96 (1755)			994 (396)	N. R.	Whitewashed rock.
Smoke			1098 (753)			941 (449)	R.	Tall red stack.
Stump			1400 (451)			1045 (345)	N. R.	Whitewashed stump.
Fun			1717 (134)			1114 (276)	R.	Striped box.
Leg	41	37	210 (1641)			1255 (134)	R.	S. end of gable on crusher.
Mop			554 (1297)			1337 (52)	R.	Gable at end of loading chute.
Lee			1259 (592)			1232 (157)	R.	Striped box.
Lug			1429 (422)			1209 (180)	R.	Peak of roof on watch- man's shanty.
Not			1816 (35)			1150 (239)	N. R.	Whitewashed rock.
Ox	41	38	248 (---*)			1082 (307)	N. R.	Whitewashed rock.
Pal			502 (---)			1003 (386)	N. R.	White pole.
Rice			857 (---)			937 (452)	R.	Striped box.
Dub	41	34	--- (74)			1210 (180)	R.	White concrete house.

NAME	LATITUDE			LONGITUDE				Descriptions
	o	'	Seconds in Meters	o	'	Seconds in Meters		
Yel	41	35	(79) 1772	73	56	1129 (261)	R.	Yellow brick house.
Song	41	34	--- (67)			892 (498)	R.	Small flagpole.
Far			--- (11)			891 (499)	N. R.	White pole.
Girl	41	35	102 (1749)			744 (646)	N. R.	White pile.
Dock			169 (1682)			683 (707)	N. R.	White corner of dock.
Fox			363 (1488)			366 (1024)	N. R.	White stake.
Fly			592 (1259)			381 (1009)	N. R.	White pile.
Fog			663 (1188)			212 (1178)	N. R.	White pile.
Go			691 (1160)			113 (1277)	R.	White center pole of derrick.
Fry			774 (1077)	73	55	--- (152)	N. R.	Gray box
Gar			940 (911)			--- (157)	N. R.	White flag.
Hal			952 (899)			--- (350)	N. R.	White flag.
Her			1087 (764)			--- (382)	R.	White flagpole.
Ham			1374 (477)			--- (542)	R.	Red brick stack.
Ike			1423 (428)			--- (430)	N. R.	White pile.
Hi			1744 (107)			--- (651)	R.	Center pole of large derrick.

NAME	LATITUDE			LONGITUDE				Description
	o	'	Seconds in Meters	o	'	Seconds in Meters		
Pit	41	36	15 (1836)	73	55	--- (667)	R.	Yellow stack.
Plug	41	35	1694 (157)			--- (778)	R.	Silver fire plug.
North			1083 (768)			--- (501)	R.	N. E. corner of brown
Seth	41	37	1540 (311)	73	57	1089 (298)	R.	House with riled platform and flagstaff on roof.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

U. S. COAST AND GEODETIC SURVEY
LIBRARY AND ARCHIVES

DEC 11 1933

Acc. No. _____

REG. NO. 4784

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. F

REGISTER NO. 4784

State ~~1/10,000~~ New York

General locality Hudson River

Locality Danskammer Point to Barnegat.

Scale 1/10,000 Date of survey Oct. - Nov., 1933

Vessel M. V. NATOMA

Chief of party C. A. Egner

Surveyed by A. W. Green Jr.

Inked by A. W. Green Jr.

Heights in feet above _____ to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated Season of 1930, 19____

Remarks: _____

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

T-4784

Norfolk, Va.

December 8 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, flagstuffs and like objects are not sufficiently permanent to chart.

U. S. GOVERNMENT PRINTING OFFICE: 1991