

2984

C. & G. SURVEY
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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. H. Tittmann
Superintendent.

State: *Conn.*

DESCRIPTIVE REPORT.

T. p. Sheet No. *2984*

LOCALITY:

Georges Rock to Shef-
field Islands, incl
Saugatuk and Norwalk
Rivers

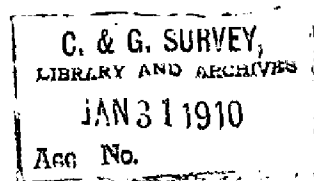
1908-9

CHIEF OF PARTY:

H. P. Ritter

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Descriptive report to accompany
Topographic sheet no.

Being a revision of the principal topographic features of U.S. C & G. Survey Chart no. 267.

- North Shore of Long Island Sound - from George's Rock to Sheffield Island, including Saugatuck and Norwalk Rivers, Connecticut.

By H. M. Inghelbloom (80%) and Homer P. Ritter (20%), assistants C & G. Survey.

Corrections to July 1909.

Scale $\frac{1}{10000}$.

The revision work shown on this sheet was begun by Assistant H. M. Inceblood in April 1908 and in addition to other work he was engaged thereon until the following October or November when he severed his connection with the C. and G. Survey.

He turned over to me the notes etc. pertaining to this sheet.

He had completed about 90% of the field work; 70% of which had been transferred to the final sheet.

The work consisted in taking the published chart (No. 267) of the Survey; going over the ground with it and eliminating from or adding thereon the important topographic (and in a few cases hydrographic) changes that have taken place subsequent to the surveys used in compiling the chart.

When obtainable, surveys made by the U.S. Engineers, railroads or others, were reduced to the scale of the chart and placed thereon and adjusted to the chart by identifying in the field points common to both.

In revising the shore line, location of isolated new wharves ^{and} other principal features, angles taken with sextant on located points of the chart were made use of; care being taken to use only points near by in order to guard against possible distortion of the points due to unequal shrinking or expansion of the chart used. Measurements with steel tape ^{and} (for less important details) pacing was also made use of.

For convenience of manipulation the chart used in the field was cut up into pieces of suitable size ^{and} the changes noted thereon in the field were subsequently transferred to a backed copy of the chart kept indoors.

In inking the buildings on the sheet no endeavor was made to distinguish brick ^{and} stone from wooden structures by solid ^{and} open shading.

For the purpose of clearness only one line is generally shown in representing the railroad ^{and} trolley lines.

The main line of the N.Y. N.H. & H. R.R. consists

of 4 parallel tracks close together.

The trolley lines are generally double tracked.

As no plane table was used, no list of P.T. positions is given.

It might be well to have the following points, which are C&G.S. determinations, appear on the published chart with their names.

They are used for boundary marks and ranges by the Shell-Fish Commission and are conspicuously marked by flag poles or beacons which are kept in repair and painted by the Commission.

The beacons are pyramidal structures from 20 to 25 feet high, painted white and are even more conspicuous than the light houses and light beacons.

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Object & description	LATITUDE	D.M.	LONGITUDE	D.P.	HEIGHT	Remarks.
	° ' "	Meters	° ' "	Meters	FEET.	
Wireless Tel. Pole. ✓	41 03	1632	73 25	987		
Little Tavern I. Water Tank ✓	41 03	1455	73 25	315		
Tavern (Shell-Fish Com. pole) ✓	41 03	1203	73 25	486		on Pilot Isld.
Copps I. (S.F.C. Beacon) ✓	41 03	1062	73 23	362		
Chimons I ₂ (S.F.C. Beacon) ✓	41 04	147	73 23	686		
" I. Windmill & water tower ✓	41 03	1812	73 23	707		
Betts I. (S.E. Chy.)	41 04	670	73 23	393		
Goose I. (S.F.C. pole) ✓	41 04	441	73 22	490		
Canal (S.F.C. Beacon) ✓	41 05	1799	73 22	611		
Cockenoe I ₂ (S.F.C. Beacon) ✓	41 05	43	73 21	492		
West Marsh.	41 04	1436	73 24	846		