

1699^b
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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. S. Tuttleman
Superintendent.

State: *Canada*

DESCRIPTIVE REPORT.

Hyd. Sheet No. *1699*

LOCALITY:

*Stamford Light to
Manusung Island*

1914

CHIEF OF PARTY:

Paul C. Whitney

Descriptive Report

to accompany

Hydrographic Sheet 1699⁵

Along North Shore Long Island Sound

Stamford Light to Manursing Island

Conn.

July-August, 1914

Str. Hydrographer

Paul C. Whitney

Chief of Party.

The hydrography on this sheet was executed in accordance with instructions of May 14, 1914. The boat sheet used was a bromide print of the original hydrographic sheet executed in 1886, by Lt. D. D. V. Stuart, U. S. N. and accompanys this report as the smooth sheet. On the bromide there were drawn by the Office splits to be run and special development to be ~~run~~ made, all of which were executed.

The signals located depend upon sextant angles observed from triangulation stations shown on the bromide. The signals used were cupolas, spindles, lights, etc. They are described and the angles recorded in a volume accompanying this sheet. At Great Captain Island Lighthouse, while occupying it with the theodolite to locate Cold Spring Harbor Lighthouse, cuts were taken on the variouse signale on this sheet. These angles are recorded in the angle book. Considerable trouble was had on account of the eastern section of the sheet shrinking a good

deal, throwing the plotted positions of the signals and consequently the lines of soundings out. They were replotted on a correct 1/10000 scale sheet and transferred to the bromide print.

All wharves and improvements on the water-front not now shown on the chart were cut in and are plotted in blue ink. ^(In red ink on finished tracing) ^

These new features comprise the following.

A stone breakwater off the northern point of the northernmost Galf Islands. This breakwater extends out from the point, as shown and is awash at high water. . Under the lea of this breakwater there is a landing for small boats.

A private dock, on the end of which signal "Am " is located. Belle Haven Harbor was sounded out carefully to show the present depths of water in the dredged channel leading up to the head of the harbor.

South of signal "Wi", a retaining wall has been built and back of it filled in.

A small foot bridge crosses the tide flats between the main land and one of the Huckleberry Islands.

A small stone projection has been built on the northernmost Huckleberry Islands.

A stone breakwater has been built N. E. of Otter Rocks, near the already existing one and the two form a small anchorage basin for the launches of the Yacht Club ashore. A new wharf is on the west side of Fields Point and three one the east side.

Various improvements have been made in Chimney Corner and are shown. These, however, are now on Chart No. 269.

A Stone breakwater extends out from a point near signal Cer. In the eastern part of Greenwich Cove there has been a good deal of dredging and filling , all of which is shown, together with new wharves and sea-walls.

On the Stamford side of Greenwich Point a small breakwater has been built near signal "Red". It forms a protection to the sea-wall and private grounds back of it. This marshy neck from here northward has been filled in and is now the fashionable residential section of Sound Beach.

There are ~~ix~~ two small wharves further north.

A prominent white monument occupies the summit of Greenwich point and makes an excellent land mark.

The western Little Captain Island is now a summer resprt. There is a wharfeon the N. E. point, where steamers from Port Chester, Greenwich and Stamford make excursion trips during the summer season.

Private Spindles are maintained on Great Captain Rocks, Grassy Rocks, Sunken Rock and the Hen and Chickens.

A sounding line was run on the Greenwich Harbor Range to show the present depths along the axis.

A high water tank, back of Chimney Corner(signal "Wat"), a large white church spire in Greenwich, (see triangulation records) and the monument on Greenwich Point are very good ladd-marks and should be placed on the chart. *(See field computations, acc. no. 70199)*

Tides were read at Fort Slocum, and Stamford Yacht club to reuduce the soundings by.

Respectfully submitted,

Paul Whitney Conley

Hyd. Sheet No. 1699b

D
Drawing Section.

This sheet was projected and positions plotted on brown paper. It was then transferred to a piece of vellum and the soundings plotted and inked on the vellum which serves as the smooth sheet.

The curves were drawn from the combined work on the old sheet (Hyd. Sheet No. 1699) and the new sheet 1699b.

No uncharted dangerous shoals were found in the new survey.

Lynnan E. Bolinger.

June 29, 1915.

Proj. & Pos. by Field Party.

Sdgs & Inked .. L.E.B. June 1915.

Rock symbols should be heavier. See symbols
2040 meters N.W.S. of Δ Greenwich Pt. 2 and 2170 meters
NNE of Δ Old Summerhouse.
203.

Applied to ch. 222 - sdys. to fill holidays only - April 1949
RDA