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 DEPARTMENT OF COMMERCE
 U. S. COAST AND GEODETIC SURVEY

State: _____
11-5613

DESCRIPTIVE REPORT.

Sheet No. _____

LOCALITY:

191

CHIEF OF PARTY:

1707a

POST-OFFICE ADDRESS: Box 119 Oyster Bay Long Island New York

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DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

Oyster Bay Long Island New York

December 13th. 1915.

Mr. Stehman Forney
Asst. C & G Survey Chief Of Party
Oyster Bay New York.

Sir:

I have the honor to report the completion of the revision of shore line on chart # 269 from Shippan Point to the eastern limit of chart. This work was executed on December 9th. 1915. The weather at this time of the year makes travel by small launch across Long Island Sound rather difficult. After postponing the work a week for good weather, we were able to proceed to Shippan Point Conn. on Dec. 9th. and had a quiet trip over but before noon the wind was blowing a gentle westernly breeze and while making the return trip the wind was blowing a gale and if the wind had been three or four points more to the southward we would have been compelled to remain in Conn. over night and all the next day too from the way the wind blew on December 10th.

Nature and locality of work. The work is a revision of the shore line at Shippan Point, east side of Stamford Harbor, Conn. The work extends from about two hundred metres north of shippan Point to about thirteen hundred metres east of the same point. Besides running the shore line prominent objects as houses and flag poles in this vicinity were located and those not in existance were noted on the chart. Chart # 269 furnished by the Washington office was used as a field sheet.

Control of work. The signals used to control the work were Stamford Light

House , Pan, Red, Van and a temporary flag pole near ○ Jac. (This flag will be referred to as Jac 2). The work was done by using three plane table stations. The first, located at Shippan Point because Jac seemed doubtful, was obtained by a three point fix on Stamford Light House, Pan and Red. An orientation with these signals gave a different location than by using triangulation station Greenwich Point in place of Stamford Light House but the orientation used made prominent objects on the chart cut in better than did an orientation tried with triangulation station Greenwich Point. The cut to triangulation station Greenwich Point when orienting with Stamford Light House, Pan and Red is given on the chart used. A cut to a tank on the east side of Rippowam River is also shown. Cuts to a few other objects were taken. The next set-up was obtained a few metres north of ○ Jac by cut and distance from first ^{set-} up. Jac 2 was located from these two set-ups. The third plane table position was on the pier offshoer from Red. This was obtained by three point fix from Jac 2, Red and Van to save using an extra setup which would have delayed the work.

Objects located and found missing. All new objects located are indicated in red ink with notes. The blueprint of property on Shippan Point was found to check with points obtained. The house on which ○ Pan is located did not check with that given on chart and was changed as indicated. The present house was built only two years ago. The location of house at ○ Red was likewise changed. All roads within at least one hundred metres of the shoer have been changed considerably. All old driveways around the house on which ○ Red is located should be taken off the chart. The driveway to the top of the bluff was located but further location would necessitate set-ups on top of the bluff. Nothing more of the road than could be seen from the beach was located as the orders from the office did not seem to warrant ^{further} work. The low water line could not be obtained on account of stage of tide.

Stations. Descriptions of stations have been revised as indicated in red ink on the descriptions returned.

Prominent objects. On the east side of Rippowam River and apparently near latitude $41^{\circ} 02' 30''$ is a very prominent tall yellow brick chimney. A cut to this is given on the chart. There is also a cut to a prominent church spire which appears to be north of Greenwich Cove. No information as to the names of these objects could be obtained. These should be located by triangulation if they are not already so located.

Temporary signal Jac 2 is shown on the chart in pencil fifteen metres south of \odot Jac. It is located to the accuracy of plane table work but is hardly permanent enough for a future station.

Respectfully submitted

Ernest C. Reese

Asst. C & G Survey.