

2626

Diag. Cht. No. 1212-Z

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey *Hydrographic*  
Field No. .... Office No. *2626*

LOCALITY

State *New York*  
General locality *Long Island*  
Locality *Sound Off*  
*Port Jefferson*  
1903

CHIEF OF PARTY

*H. S. Maindin*

LIBRARY & ARCHIVES

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Treasury Department,  
U. S. COAST AND GEODETIC SURVEY.

*O. H. Tittmann*  
Superintendent.

State: *New York*

DESCRIPTIVE REPORT.

*Hydrographic* Sheet No. *2626*

LOCALITY:

*Long Island  
Sound  
off. Port Jefferson*

1903

CHIEF OF PARTY:

*H. L. Marindin Asst*

U. S. C. & G. SURVEY,  
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Acc. No.

2626

Title:

Treasury Department  
U. S. Coast & Geodetic Survey

O. H. Tutman Capt.

Twelve Mile Speed Trial Course

off. Port Jefferson, Long Island

New York

Surveyed by H. L. Marindin, Assistant

March 1 to 10 1903

Scale  $\frac{1}{40,000}$

Naut. Mile.

NOTE:

The soundings are expressed  
in fathoms and show the depth  
at mean low water.

The 20 fathom curve is shown thus ————

The laying out of the Speed Trial Course shown upon sheet # 2626 was undertaken at the request of Capt. C. J. Train U.S.N. President of the Board of Inspection and Survey, Navy Department. It was first proposed to locate some range lines on the Long Island shore, but the requisite depth (20 fathoms) placed the course so far off shore, that it was very doubtful if this mode of locating the starting point and ending point of the course could be made with even if the topographical features of the Bluffs permitted the building of range marks.

As it was, after a reconnaissance for 16 miles along the northern shore, westward and southward and westward of Port Jefferson, it was found impracticable to set Range lines and the alternative method of depending on horizontal angles taken on high signals erected along the shore and plotted on the course, was determined upon.

The coast line between Crane Neck Point and Wading River to the Eastward a distance of about 16 miles is practically an abrupt bluff line, varying in height from a few feet to 200 feet in height; with here and there a low part where the water line can be reached by wagon from inland, but nowhere with perhaps the exception of the harbor of Port Jefferson, range lines and marks could be established.

There are no very prominent objects with the exception of one large tower built by Mr. Nicola Tesla at a place called Warrencliff about 10 miles to the Eastward

of Port Jefferson and the Light-house of Old Field Point which could be seen from the course, consequently a number of large tripod signals were built along the island shore and their geographical positions determined these are shown on the projection.

The points on the course are not marked except as one can locate them by the sextant angles given at the three points West End, Center Sta, and East End.

The light-houses on the north shore cannot be depended on for a determination of buoy positions on account of their great distance from the course except on very clear days when they can be visible and can be observed upon.

Texlar Tower is a very prominent object about 200 feet in height, it was observed upon from Center Station at a height of about 15 feet above the surface of the water.

The nearest harbor to the course is Port Jefferson on Long Island, the harbor is landlocked and about 12 feet can be carried in at mean low tide.

Henry L. Marindin  
Assistant.

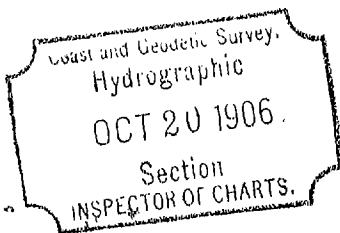
ADDRESS ALL COMMUNICATIONS TO  
SUPERINTENDENT, COAST AND GEODETIC SURVEY,  
WASHINGTON, D. C.

EM

Department of Commerce and Labor

COAST AND GEODETIC SURVEY

Washington



June 28, 1906.

Mr. Andrew Braid,

Assistant in charge of the Office.

Sir:-

I forward herewith Hydrographic Sheet No. 2626,  
"Twelve Mile Speed Trial Course, off Port Jefferson, N. Y.",  
by Assistant Marindin in 1903. The soundings are trans-  
ferred from other original sheets, the only original work  
being the laying out of the course. The sheet is not signed  
and is now ready for the approval of the Office.

Respectfully,

*Geo. P. Flower*

Acting Chief, Drawing and Engraving Division.