

# 1732<sup>a</sup>

Diag. Cht. No. 1213-1

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

*O. S. Tuttleman*  
Superintendent.

State: *Connecticut*

## DESCRIPTIVE REPORT.

*Hyd.* Sheet No. *1732<sup>a</sup>*

LOCALITY:

*Caton's Neck to*  
*Eden's Neck, P. O. Road*

*1914*

CHIEF OF PARTY:

*Paul C. Whitney*

11-4645

1732

Descriptive Report  
to accompany Hydrographic Sheet  
Long Island Sound  
From Eaton's Neck to Execution Rocks  
July - September, 1914  
Str. Hydrographer  
Paul C. Whitney  
Chief of Party.

The hydrography on this sheet was executed in accordance with my instructions of May 14, 1914.

The boat sheet used was a bromide print of the original hydrographic sheet, executed in 1886, by Lt. F. H. Crosby, U.S.N., Assisant, and accompanys this report as the smooth sheet. On this bromide there were drawn by the Office splits to be run and special developments to be made, all of which were executed.

The signals used were those already shown on the bromide, with the following additions:-

"Dav", Davids Island Tower, replotted from Hydrographic Sheet, Manursing Island to Davids Island.

"Con", Summer house on end of stone wharf, Constable Point; replotted from hydrographic Sheet, Manursing Island to Davids Island.

"Bat", west tower of large bath -house, Oakland Beach, Rye, triangulation station of this season's.

"Mon", a white monument, over the location of triangulation

station, Greenwich Point,

"Hem", large water tower, back of Hempstead Harbor, replotted from Chart No. 366.

"Green", Green Ledge Lighthouse

"Pec", Pecks Ledge Lighthouse

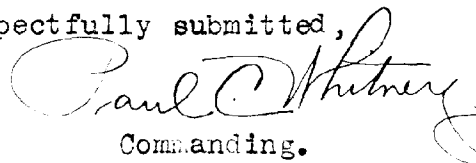
"Oak", large water-tank, Oak Neck, triangulation station of this season's.

The inshore features in this area are all taken up on the 1/10,000 scale hydrographic sheets, executed this season.

In the area surveyed no uncharted dangers were found.

Tides were read at Fort Slocum, Davids Island, N. Y. and Stamford Yacht Club, Stamford Harbor, Conn.

Respectfully submitted,

  
Commanding.

List of Statistics

to accompany Hydrographic Sheet 1732 <sup>a</sup>

Long Island Sound

From Eaton's Neck to Execution Rocks

June - September, 1914

Str. Hydrographer

Paul C. Whitney

Chief of Party

Date 1914	Vol.	Lat.	Miles	Psitions	Soundings	Vessel
June 26	1	A	27.25	142	394	Hydrographer
July 6	1	B	11.0	52	149	"
Aug. 10	1	C	10.5	77	220	"
" 13	1	D	31.25	140	430	"
" 25	1	E	20.0	99	294	"
" 25	2	E	6.0	31	90	"
" 26	2	F	6.1	29	81	"
Aug. 28	2	G	23.0	111	330	"
Sept. 9	2	H	21.8	118	348	"
" 9	2	K	26.75	141	396	"
" 10	3	L	26.0	141	520	"
" 11	3	M	19.8	113	331	"
" 18	3	N	5.0	27	81	"
Totals	3	13	234.7	1221	3664	"

Tide Staffs

Port Slocum, Davids Island, N. Y., Plane of Reference, 1.7 feet on staff.

Stamford Yacht Club, Stamford, Conn., " " " 2.0 " " "

Tidal Note.

The first two days of the soundings on this sheet were not reduced on the field as the tidal observations were sent to the Office with Hydrographic Sheet, Manursing Island to Davids Island. These observations will be found in Vbl. 1, Fort Slocum, Passenger Wharf, Davids Island, New York.

The tidal observations at Stamford Yacht Club Staff, are being held onboard for the reduction of soundings on other hydrographic sheets and will be forwarded as soon as possible.

Hyd<sup>c</sup> 1732<sup>a</sup>

Recommendation

It is strongly recommended that the hydrography executed by this party in the area covered by original hydrographic sheet #1732, be plotted on that sheet, and not on tracing vellum or a separate sheet to be filed with the original sheet. The soundings are in areas where the bottom has not changed and the new hydrography is so spaced as not to conflict with the old work. This hydrography, executed in 1914, by the party under my command was intended to complete the original work of 1886.

*Paul C. Whitney*

Chief of Party, C. & G. Survey,

Com'd'g Str. Hydrographer.

December 18, 1914

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*I concur in the  
above recommendation  
R. L. Jarvis  
Assist. Insp. #43  
Dec 17, 1914*

12-23-14  
This request has been referred to the Asst. Superintendent and he directed that the usual procedure be followed viz-plotting the work of 1914 on vellum. Done.

Mar. 12, 1915

*L. P. S.*

HYDROGRAPHIC SHEET 1732a.

Long Island Sound, Western Part, New York and Connecticut,  
by Assistant P. C. Whitney in 1914.

TIDES.

	David Island ft.	Stamford Yacht Club ft.
Mean low water, or plane of reference on staff	1.7	2.0
Lowest tide observed " "	-0.6	0.2
Highest " " " "	10.1	10.9
Mean range of tide	7.3	7.3

1732<sup>A</sup>

<p>Form 504 <b>DEPARTMENT OF COMMERCE</b> U. S. COAST AND GEODETIC SURVEY</p>
<p>State: .....</p>
<p>11-5613</p>
<p><b>DESCRIPTIVE REPORT.</b></p>
<p>Sheet No. ....</p>
<p><b>LOCALITY:</b></p>
<p>_____</p> <p>191</p> <p>_____</p>
<p><b>CHIEF OF PARTY:</b></p>



POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS OFFICE:

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

NOTE REGARDING WORK ON HYDROGRAPHIC SHEET NO 1732a, TO BE FILED WITH THE  
ORIGINAL SHEET.

Two days development work was done on this sheet in the vicinity of Lloyd  
N. Y. Split lines at intervals of 100 meters were run from the point off  
shore to the 7 fathom curve and a development was made of the shoal near  
the bell buoy. No further descriptive report on this work is furnished.

*R. P. Strough*  
Assistant, C. & G. Survey,

Chief of Party.

Hyd. 1732A



VEC  
April 9, 1917

1.3  
RFL  
NCL

HYDROGRAPHIC SHEET 1732a.

Off Lloyd's Point, Long Island, New York, by Assistant  
R. P. Strough in 1916.

TIDES.

Lloyd Harbor Light  
Feet.

Mean low water, or plane of reference  
on staff

1.3

Mean range of tide

7.4