

2486

Diag. Ch. No 1211-1

Descriptive Report
to accompany
Hydrographic Sheet No 2486
Hyd. Reconnaissance
by Party of
H. L. Morison, Assistant.
in August, 1900

2486

Title:

Aug 2 1900

Treasury Department
U.S. Coast and Geodetic Survey
Henry S. Pritchett - Supdt.

Thames River
New London R.R. Bridge to Galis Ferry
Connecticut
Hydrographic Reconnaissance
Assistant H. L. Marindin, Prof. of Staff
August 15 to August 21
- 1900 -

Scale $\frac{1}{10,000}$

NOTE: Observers. J. M. Little, Assistant
J. H. Ainsworth, 1st Watch Officer
Recorder. Dyer Smith
Leadman. Andy White, Sr. Mast. 2nd cl.
Coxswain. Joan Peterson, Sr. Mast. 3rd cl.
Note Observer. R. W. Cantwell, Jr.

Statistics

1900	Letter	Book
Aug 15	a	1
" 17	b	1
" 18	c	1 + 2
" 20	d	2
" 21	e	3
No 89r Nautical Miles		

sdgs: The soundings are expressed in feet and
and refer to Mean Low Water.

The 6 foot curve is shown thus

" 12 " " " " " "
" 18 " " " " " "
" 24 " " " " " "

Tides: The datum Plane is mean low water as determined
by 354 consecutive tides registered by Automatic Tide
Gauge at the Naval Station, between May 12 and
November 17-1899.

Mean range of tides at Naval Station = 2.58 ft.

Bench. Mark: is the top of a hole drilled into a ledge
of rock at the old Ice House Dock, at Naval Station
21.5 feet shoreward from a large boulder in the water
and which is 66 feet south of S.E. corner of main
building on wharf.

The top of hole is 8.95 feet above mean
low water and 10.848 feet above zero of tide staff.

M.L.W. on staff. 1.90 feet.

Explanation:

The lower part of this sheet from the Bridge to
the Naval Station was replatted on a scale of
1/5000 and forms Hydro sheet No 2473. This was done
after return of the field party to the office hence
the title to this sheet which was placed on it
before the change was decided upon.

This sheet contains only a reconnaissance
of the navigable channel which is incident to the
redetermination of the position of the range
lights; since it was necessary to run up a

Plane table traverse to determine the lights it
was thought advisable to set up a few

16d points whenever necessary so as to enable the sdy boat to determine its position.

The commerce along the river is limited to the towage of Coal barges to Allys Pt where the coal is transferred to the R.R. roads which terminate at the Point.

During the summer season Excursion boats ply between Norwich and New London and Fishers Island, Watch Hill and points on Long Island.

It has been reported that Coal barges drawing 20 feet have been towed to Allys point under favorable conditions of wind and tide.

A new shore line and R.R. line was seen on left bank during this field season, and may be found on topog sheet no 2508 and continued on 16d sheet no 2487

Henry L. Clearwin
Chief of Party