

2782

8
S.H.A.
1913

Disc. No. 207

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

O.H. Tittmann
Superintendent.

State: *Maine*

DESCRIPTIVE REPORT.

Hyde Sheet No. ²⁷⁸²~~1366~~

LOCALITY:

~~Jericho Bay~~ *Blue Hill Bay*
to Eggemoggin Beach

1905

CHIEF OF PARTY:

R.L. Farris

U. S. COAST AND GEODETIC SURVEY,
LIBRARY AND ARCHIVES
NOV 21 1935
Acc. No.

2782

Descriptive Report

of

Northern Jericho Bay and Pond Id. Channel Hydrographic Sheet.

The work was a resurvey of a part of the channel leading from Eggemoggin Reach to Blue Hill Bay north of Pond Id., and consisted of a special examination of certain shoals with ship using channel sweep and hand lead and launch using hand lead.

On shoal to southeast of Hay Id. Ledge 19 ft. was found to be the least water where the chart showed $4 \frac{1}{4}$ fms.

On another shoal to the southward of the last one 21 ft. was found where the chart shows 4 fms.

22 $\frac{1}{2}$ ft. was found to be the least water on a shoal to the southward of Mahoney's Id. Ledge where the chart shows 4 fms.

On a shoal $\frac{3}{8}$ of a mile SE of Mahoney's Id. the least water found was $4 \frac{1}{2}$ fms. where the chart shows 6 fms. to be the least water.

On a shoal $\frac{3}{4}$ of a mile east of Mahoney's Id. 4 fms. was found where the chart shows 5 fms.

On a shoal $\frac{5}{8}$ of a mile northeast of Mahoney's Id. nothing less than the $3 \frac{3}{4}$ fms. shown on the chart was found.

Extending in an ESE direction from from Flye Id. Ledge to the most northwesterly part of Pond Id. shoal, there are a series of spots having from $16 \frac{1}{2}$ to 22 ft. of water on them, there being 5 in all.

These are so close together that a vessel drawing any more than this amount ($16 \frac{1}{2}$ to 17 ft.) can not be certain of safely passing through this channel and should not attempt it in view of the additional fact that very strong currents run through this channel.

To the northward of Pond Id. and directly north of the charted position of Black Buoy no. 1, 22 $\frac{1}{2}$ ft. was found where the chart

ON ORIGINAL DOCUMENT

years

(2)

shows 4 1/4 fms.

recent

sever

It was stated by a local yacht captain that in recent years several deep draught yachts touched bottom in passing through this channel.

In the course of this survey several aids to navigation were located; as beacons, buoys, etc. All buoys seemed to be very nearly in their proper place as charted. A spar buoy apparently of private or temporary construction was found on the eastern edge of Mahoney's Id. and was found to be a safe guide to the channel. Its location is given on the sheet.

ON ORIGINAL DOCUMENT

The survey of this region developed the fact that there are several places where the soundings differed from the charted depths materially.

Approved;

R. L. Jarvis

Assist. C. & G. Survey Council

Comd'g

ON ORIGINAL DOCUMENT

Assist.

Department of Commerce and Labor

COAST AND GEODETIC SURVEY

Washington

Verification of Sheet 2782

The field work of this examination is good in all points except that of completeness. Indications of shoals were ignored and known ridges were not developed, - especially over ledges northwest of Pond Id.

In such examinations the results of the drag work are more important than all else and should be given a conspicuous place in the sounding record. It is recommended that the record on the left hand page be broken and five or six or more lines be left blank and the full record of the "strike" be entered therein.

The office work on this sheet was very defective, and had to be entirely retracted on account of the impossibility of identifying the boat positions as projected in the field. The work is extremely close on the scale adopted

and only the positions at the ends of lines were
were lettered or numbered when first projected.

The scale used ($\frac{1}{20000}$) is entirely inadequate
to give more than a faint idea of the character
of the area developed - It should be on scale of
 $\frac{1}{15000}$ or at least $\frac{1}{10000}$.

When such extensive development as this
is supplementary to old and incomplete work
it should be plotted on a new sheet on large
scale and only the curves and important sound-
ings transferred to old sheet. The new sheet
can be filed with new numbers, as his sheet
to old survey or in yellow tube as boat sheet.

If necessary to plot such work on old sheets
The soundings should be in black ink and
not in colors, and the day letter or other means
used to distinguish the new work from the old.
In no case should colored ink be used for soundings.

Whenever a projection is corrected on old
field sheets the corrected projection should

be inked, initiated and dated; even if there
be only one or two interactions so
corrected

J. G. Watkins

7/11/06