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Diag. Cht. 1209-2

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

O. N. Pittman

Superintendent.

State: *Mass*

DESCRIPTIVE REPORT.

Hydrographic Sheet No. 2600

LOCALITY:

*Nantucket Sound
Claridge Shoal and Channel North
of Hornet Shoal Channel*

190

CHIEF OF PARTY:

U. S. C. & G. SURVEY,
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2600.-Eldridge Shoal and channel north of Horseshoe Shoal
Channel, Nantucket Sound.

The following information is the result of personal observation.

There is a six fathom channel on the northern and western side of the Horseshoe Shoal. On the broken ground there seems to be nothing more than four and one half fathoms of water.

The north point of Eldridge Shoal has shifted about 250 meters; also a greater depth of two feet on top of the shoal was found. There is no material change of depth of water around the shoal from previous surveys.

This shoal is a dangerous spot in the fair way. When the tide runs to westward, it breaks near black buoy #11; one mass of water runs SSW another mass of water to westward from north end of shoal.

A fair anchorage can be had from easterly and northerly winds, ESE from black buoy #11, standing under Horseshoe Shoal until water shoals to four fathoms.

REPORT
on
HYDROGRAPHIC SHEET

No. 2600.

Nantucket Sound,
Eldridge Shoal
and Channel North of Horseshoe Shoal,
Mass.
Assistant Faris,
1902.

The smooth sheet was of paper unfit for such purpose, and the protracted positions were marked and numbered with very large circles and figures that obscured the soundings. A new projection was made and the protracted positions transferred to it from the original.

All the soundings on the sheet were reduced a second time. In the field an unauthorized correction for range and time was applied, that the Office did not consider sufficiently well determined to warrant its use.

The record of angles for determination of hydrographic signals is in poor shape - irregular, incomplete, uncertain.

Title and notes were incomplete.

Two leadsmen were used on this work with very good results, apparently.

Comparison with previous surveys shows no material change in depth or position of shoals.

4-27-03.

J.T.W. (Signed)

*Copy to Faris
11/14/03*