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C. & G. SURVEY,
LIBRARY AND ARCHIVES
JUL 2 - 1910
Acc. No.

Diag. Chy. No.

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

O. N. Littmann
Superintendent.

State: *Virginia*

DESCRIPTIVE REPORT.

Hyd. Sd. 1 Sheet No. *3173*

LOCALITY:

*Assateague Anchor-
age and Approach*

1910

CHIEF OF PARTY:

H. C. Graves

3173

COAST AND
GEODETIC SURVEY

JUN 30 1910

REFERRED TO
Assistant in Charge.

DESCRIPTIVE REPORT

RECEIVED
BY ASSISTANT IN CHARGE
AND REFERRED TO
JUL 2 1910

C. & G. SURVEY,
LIBRARY AND ARCHIVES

JUL 2 - 1910

Acc. No.

of hydrographic reconnaissance at Assateague Anchorage, Va.,
by Coast Pilot Party on the Steamer HYDROGRAPHER, June 24
and 25, 1910.

This reconnaissance was done to ascertain the changes
that are underway at Fishing Point, and the amount of
change since the hydrographic survey of 1902 and topographic
survey of 1908.

The position of the signals on the boat sheet is from
a tracing made from the topographic sheet of the survey of
1908. The distortion of the tracing is such that the work
should be replotted in the office, either on the topographic
sheet referred to, or on a new sheet. The only new signal
is "Sig", which was out in by this party and the angles are
contained in the sounding book.

Fishing Point has extended westward about 300 yards
since the survey of 1908. Most of the point westward of
"Light" is awash, or but little above, high water, and the
point is a serious danger for vessels entering at night,
if guided by the present chart. The eastern edge of the
red sector in Assateague light, bearing NNE 5/8 E (mag.),
leads only about 600 yards westward of the low water mark
at the western end of Fishing Point.

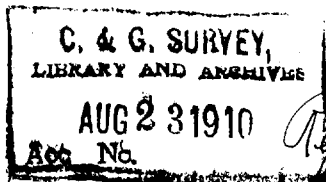
Vessels entering Assateague Anchorage should steer for

Assateague lighthouse on the edge of the red sector, bearing NNE $5/8$ E (mag.), and pass about 400 yards eastward of the bell buoy. When inside the bell buoy and Fishing Point light is abaft the starboard beam, steer NE by E (mag.) which will lead about 400 yards westward of red nun buoy No. 6. Anchorage can be selected with the aid of the chart, as the principal change is around Fishing Point and the anchorage itself is unchanged so far as observed.

Yours respectfully,

Herbert C. Graves,

N. E., C. & G. Survey,
Commanding HYDROGRAPHER.



Report on Hyd. 3173

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This hydrographic reconnaissance consists of a couple of sounding lines run around Fishing Pt and the location of the west end of Fishing Pt. This point is moving rapidly westward. This of course affects the hydrography near it, but the off shore hydrography is unchanged. (Compared with Hyd. survey of 1902)

The projection, shoreline and triangulation points, which were also used as hyd. signals, were traced from Top. 2897, the topographic survey of 1908. Then the hydrographic signals "Sig" and "Life" were located by means of angles furnished in the records. The signal "Life" is also the triangulation point, "Hallups Beach L. S. S. Tower," and the position as taken from the top. sheet agreed exactly with the sextant location.

R. L. Johnston
Draftsman
8/17/10.

J. F. P.

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Statistics for Hyd. 3173

<i>Date</i>	<i>Letter</i>	<i>Volume</i>	<i>Positions</i>	<i>Soundings</i>	<i>(Naut.) Miles</i>	<i>Boat</i>
<i>June 24, 1910.</i>	<i>a</i>	<i>1</i>	<i>77</i>	<i>654</i>	<i>6.12</i>	<i>Whaleboat</i>
<i>" 25, "</i>	<i>b</i>	<i>1</i>	<i>46</i>	<i>380</i>	<i>7.50</i>	<i>Hydrographer</i>
<i>Totals</i>			<i>123</i>	<i>1034</i>	<i>13.62</i>	

Soundings plotted in feet.

Protracted, plotted and inked by R.L. Johnston
Verified by

V.E.C.
July 16, 1910.

HYDROGRAPHIC SHEET 3173.

See Dis
7/16/10

Assateague Anchorage, Virginia, by H.C. Graves,
Nautical Expert, in 1910.

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TIDES.

	Assateague Anchorage ft.
Mean low water, or plane of reference on staff	3.3
Lowest tide observed " "	1.9
Highest " " " "	8.8
Mean range of tide	3.8

Coast and Geodetic Survey
JUL 16 1910
TIDAL DIVISION