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1904

Diag. Cht. No. 1217-1

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

O. H. Tittmann
Superintendent.

State: *N. J.*

DESCRIPTIVE REPORT.

Hydrographic Sheet No. 2694

LOCALITY:

Absecon Inlet & vicinity

1904

CHIEF OF PARTY:

D. B. Mainwright

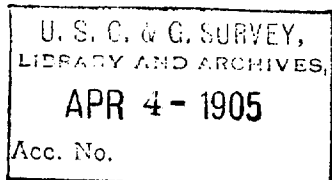
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APR 4 - 1905

Acc. No. 2694

2694

Descriptive Report
Alicon Inlet & Vicinity
Hyd. Sheet No. 2694



Work was in progress on the upper end of this sheet when I relieved Assistant J. B. Bontelle of the charge of the party.

It was not contemplated that the results of this work could be used for navigational purposes since the occurrence of frequent changes would by the time of publication render them untrustworthy and misleading. On this account a regular development was not made and only a sufficient number of sounding lines were run to bring out the characteristic features of the area. Also, no effort was made to establish a tide gauge near the bar to obtain a basis for a close reduction of the soundings outside of and on the bar. For the purpose in view it was not considered necessary to sound in shoaler water than could be conveniently done with the launch or to procure a surf boat to develop areas when it was constantly breaking.

The inlet is mainly used by a large number

of pleasure yachts (sloops) to carry out the summer visitors to Atlantic City. It is a harbor for the local fishermen and an occasional steam cruising yacht rendezvous there.

The depth of the crossing over the bar ($8\frac{1}{2}$ ft.) I believe is a foot or more shallower than it was after the winter storms, due to the fact that there was no heavy easterly weather for an extended period previous to the time of rounding the bar, and consequently no interruption to the power of the ebb tide.

The strong current has the effect of making the bar much rougher at ebb tide than at slack water or at flood tide.

S. B. Mainwright
Asst. U. S. Geol. Survey

Feb'y 27-1905
Washington, D. C.

*Refer to me by
Prof. H. J.
Apr. 5.24.05*

Report
on
Hydrographic Sheet
No. 2694,
New Jersey Coast,
Absecon Inlet and vicinity,
N. J.
Assistant D. B. Wainwright,
1904.

The lines do not cross well, especially those developing Absecon Inlet and at the upper end of the sheet.

There is a sounding of 3 ft. recorded at position 21, about one mile east of "Light", which was considered doubtful and has been left in pencil.

The plotting and protracting were well done.

The records were well kept with the exception that the bottoms were not recorded often enough.

H. L. Simons (Signed).

Coast and Geodetic Survey.
Hydrographic
MAY 24 1905
SECTION.
INSPECTOR OF CHARTS.

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