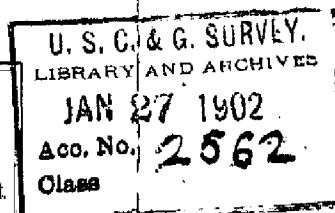
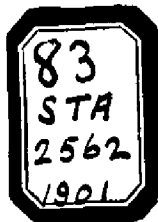


2562



U. S. COAST AND GEODETIC SURVEY.

C. H. Tittmann, Superintendent.

State: *New Jersey*

DESCRIPTIVE REPORT.

Topographic Sheet No. *2562*

LOCALITY:

*Great Egg Harbor
Vicinity of Ocean
City and Longport*

1901.

CHIEF OF PARTY:

William Bowie, Assistant

2562

Write me at:

Telegraph me at:

My Express Office is:

U. S. COAST AND GEODETIC SURVEY,

Washington, D. C.

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Mr. C. H. Tittmann
Supt Crossberry
Washington, D. C.

Sir:

The following is a descriptive report to accompany original topographic sheet no. 2552 of Great Egg Harbor, N. J.:

On November 30th, 1901, I received instructions from the Superintendent "to proceed to Ocean City, N. J., and make a special examination of the shore line and hydrography at the entrance of Great Egg Harbor that will develop the depth of water in that vicinity that can be brought through the channel from Atlantic City and across the harbor to Ocean City."

You will be careful to note on the sheet any material changes in the shoreline. Upon investigation after reaching Ocean City, I found the shore line

at the entrance to Great Egg Harbor had changed since the previous surveys, as had also the shores of what is known as "Beach Thoroughfare", which runs northward from the entrance to the Harbor by the town of Longport.

Before leaving the office the shore line was placed on the projection; any changes made by the last survey are shown in red ink.

It was noticed that wherever the shore line was marshy the changes were slight. The sandy shores showed the greatest change.

The work was based upon the three triangulation points, Fish, Somers, and Busby. From these a plane table determination was made of other signals and numerous natural objects in the vicinity of Ocean City and Longport.

The positions of many of these natural objects have been determined geographically and can be used

for any future operations in this
vicinity.

Respectfully yours
William Bowie