

# 2311a

## H02311

Diag. Cht. No. 1207-1

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

### DESCRIPTIVE REPORT

Type of Survey *Hydrographic*  
Field No. \_\_\_\_\_ Office No. *2311a*

#### LOCALITY

State *Massachusetts*  
General locality *Gloucester*  
Locality *Harbor*

1904

CHIEF OF PARTY

*P. A. Welker*

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DATE \_\_\_\_\_

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FILE:  
REFERRED: **Treasury Department,**  
ASSISTANT IN CHARGE, U. S. COAST AND GEODETIC SURVEY.

*C. H. Pittmann,*  
Superintendent.

U. S. C. & G. SURVEY,  
LIBRARY AND ARCHIVES,  
DEC 23 1904  
Acc. No.

State: *Massachusetts.*

DESCRIPTIVE REPORT.

*Hydrographic Sheet No. 2311a*

LOCALITY:

*Gloucester Harbor*

1904.

CHIEF OF PARTY:

*P. A. Welker, Assistant.*

2311a

POST-OFFICE ADDRESS: See address at office

TELEGRAPH ADDRESS:

EXPRESS OFFICE:

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY Str. "Bache",  
Boston, Mass.,  
Nov. 26th, 1904.

Mr. O. H. Tittmann,  
Superintendent, Coast and Geodetic Survey,  
Washington, D. C.

ACKNOWLEDGED

DEC 27 1904

C. & G. SURVEY ARCHIVES

S i r :-

In obedience to Instructions and Memoranda for Descriptive Reports, 1887, I have the honor to submit the following report on Hydrographic Sheet No. 2311a :

2. The work consists of a special examination for uncharted rocks in the harbor of Gloucester, Mass. Two of these rocks were found as shown upon the sheet. No further descriptive report is considered necessary.

Very respectfully,

*P. A. Walker*

Assistant, C. & G. Survey,  
Commanding.

EM

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY  
Washington

968

January 9, 1905.

Mr. Andrew Braid,

Assistant in charge of the Office.

Sir:-

I forward herewith Hydrographic Sheet No. 2311a, "Gloucester Harbor, Mass.", by Assistant Walker in 1904, together with report on same. This sheet is now ready for the approval of the Office.

Report.

The work is good but does not go far enough. The shoal at buoy No. 6 should have been developed, as the least water shown is 17-1/2 ft., while Sheet No. 2311 gives 8 and 12 ft. Also the shoal between buoy No. 6 and Tenpound Island. Sheet 2198 shows less than 30 ft. and connects this shoal with Tenpound Island, while this survey separates the shoal from the Island with over 30 ft. The 12 ft. shoal near Tenpound Island and the 18 ft. shoal on the opposite side of the Channel are new, as there is no indication of either on Sheet 2198.

F. C. Donn. (Signed).

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Respectfully,

Assistant and Chief, Drawing and Engraving Division.