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# 2655

Diag. Ch. No. 1204-2

Department of Commerce and Labor  
**Treasury Department,**  
U. S. COAST AND GEODETIC SURVEY.

*O. H. Tittmann*  
Superintendent

U. S. C. & G. SURVEY  
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## DESCRIPTIVE REPORT.

*Hydrographic Sheet No. 2655*

LOCALITY:

*Casco Bay, Examination  
of Channel North of  
Stave Island*

1903

CHIEF OF PARTY:

*J. P. Bontelle*

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2655

# 2655

## DESCRIPTIVE REPORT

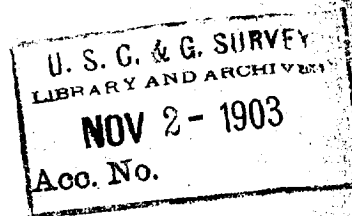
MAINE.

Casco Bay

Examination and Re-survey of Channel

vicinity of

Stave Island.



The re-survey shows a small ledge in the locality where the U. S. S. "Olympia" struck, with a least depth of 17-1/2 feet at M. L. W. South and west of this where the chart shows 5-3/4 fms. is another small ledge with a least depth of 27-1/2 feet at M.L.W.

The survey was extended to cover the area between Stave and Little Bangs Islands, eastward of Stockman's Island and north and east of Stave Island, sounding lines run and crossed about 100 metres apart. The soundings of September 28 and 29 do not cross well in numerous places indicated on the sheet by a circle and a comparison with the old work seem to show the work of the 28th. to be in error. The only explanation of these discrepancies I can give is that the bottom is very irregular and a very much closer system of lines is needed to reconcile them and give an accurate development of the bottom.

Two places North and East of Stave Island show indications of shoal water having 31 and 22-1/2 feet depth at M. L. W.

Respectfully Submitted,

Assistant, U.S.C. & G. Survey,  
Com'd'g U.S.S. BACHE.

ENT

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY  
Washington

919

November 29, 1904.

Mr. Andrew Braid,

Assistant in charge of the Office.

Sir:-

I forward herewith Hydrographic Sheet No. 2655, "Casco Bay, North of Stave Island, Me.", by Assistant Boutelle in 1903, together with report on same. This sheet is now ready for the approval of the Office.

Report.

The lines of soundings do not cross well; the only way to account for the difference is the irregular bottom. The shoal (Olympia) seems to have been well developed, also the shoal 1/4 mile S.W. of Olympia shoal.

While the shoal making out from N.E. end of Stave Island seems to have been well developed, there is one sounding of 6-3/4 fathoms about 170 meters N.W. from Black buoy No. 5, shown on the old survey sheet 754, that is not indicated by Boutelle's soundings. There is one sounding of 31 ft. north from Black buoy; also one sounding of 22 ft. S.E. from Black beacon; both of these spots should have been developed.

F. C. Donn. (Signed).

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Respectfully,

Assistant and Chief, Drawing and Engraving Division.