



Contribution ID: 180

Type: **Paper**

A fast method to estimate acoustic parameters of a cruise ship cabin

This article reports a brief summary of the tests and investigation performed to validate a simple numeric method to calculate reverberation time of a cruise ship cabin. The introduction of this method has the objective of creating a simple and fast procedure to estimate various acoustic parameters of interest for a shipyard in a cruise ship cabin without the need of multiple measurements on the field.

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Track Classification: Comfort on board