

Our results show that for frequencies of 512 and 1024 the room approaches closely to this desired condition when it is between two-thirds full and completely full. We consider this very satisfactory. For a frequency of 2048 the period of reverberation is somewhat shorter than desirable. Best results for this frequency will be obtained when the room is about one-third full. Owing to the design of the ceiling the Company installing the acoustic board found it necessary to install 3150 square feet instead of 2700 square feet as first planned. As a result the period of reverberation for all frequencies has been reduced.

Comparison of Results with those specified:

In the following table we have compared the results actually secured with those specified in your order to the Company making the installation. We have calculated our results for audiences of the size mentioned in your specification.

	<u>Period of Reverberation</u> (Frequency 512)	
	<u>OBTAINED</u>	<u>SPECIFIED</u>
Audience 466 Persons	2.0	2.0
Audience 932 "	1.7	1.57
Audience 1400 "	1.4	1.3

The agreement between these figures is close, and we would consider that the period of reverberation specified has been satisfactorily attained.