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PUBLICATIONS ON ACOUSTICS BY MEMBERS OF THE STAFF OF THE  
NATIONAL BUREAU OF STANDARDS.

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GENERAL INFORMATION

Some of the publications in this list have appeared in the regular series of publications of the Bureau and others in various scientific and technical journals. Unless specifically stated, papers are not obtainable from the National Bureau of Standards.

Where the price is stated, the publication can be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C. The prices quoted are for delivery to addresses in the United States and its territories and possessions and in certain foreign countries which extend the franking privilege. In the case of all other countries, one-third the cost of the publication should be added to cover postage. Remittances should be made either by coupons (obtainable from the Superintendent of Documents in sets of 20 for \$1.00 and good until used), or by check or money order payable to the "Superintendent of Documents, Government Printing Office" and sent to him with order.

Publications marked "OP" are out of print, but, in general, may be consulted at technical libraries.

For papers in other scientific or technical journals, the name of the journal or of the organization publishing the article is given in abbreviated form, with the volume number (underscored), page, and year of publication, in the order named. The Bureau can not supply copies of these journals, or reprints of them, and it is unable to furnish information as to their availability or price. They, too, can usually be consulted at technical libraries.

Series letters with serial numbers are used to designate Bureau publications:

- S "Scientific Paper". S1 to S329 are "Reprints" from the "Bulletin of the Bureau of Standards". S330 to S572 were published as "Scientific Papers of the Bureau of Standards". This series was superseded by the "Bureau of Standards Journal of Research" in 1928.
  
- T "Technologic Paper". T1 to T370. This series was superseded by the "Bureau of Standards Journal of Research" in 1928.
  
- RP "Research Paper". These are reprints of articles appearing in the "Bureau of Standards Journal of Research" and the "Journal of Research of the National Bureau of Standards", the latter being the title of this periodical since July 1934 (volume 13, number 1).
  
- C "Circular".
  
- M "Miscellaneous Publication".
  
- TNB "Technical News Bulletin".
  
- BMS "Building Materials and Structures" publication.

Circular C24 and supplements, the complete list of the Bureau's publications (1901-1936), is sold by the Superintendent of Documents for 55 cents. Announcement of new publications is made each month in the Technical News Bulletin which is obtainable by subscription at 50 cents per year.

SOUND ABSORPTION

<u>Title</u>	<u>Series</u>	<u>Price</u>
The absorption of sound at oblique angles of incidence. Paul R. Heyl, V. L. Chrisler and W. F. Snyder. (1930)	RP149	OP
The measurement of sound absorption. V. L. Chrisler and W. F. Snyder. (1930) - - - - -	RP242	OP
An automatic reverberation meter for the measurement of sound absorption. W. F. Snyder. (1932) - - - - -	RP457	OP
Some of the factors which affect the measurement of sound absorption. V. L. Chrisler and Catherine E. Miller. (1932) - - - - -	RP465	OP
Dependence of sound absorption upon the area and distribution of the absorbent material. V. L. Chrisler. (1934)	RP700	5¢
Effect of paint on the sound absorption of acoustic materials. (1940) - - - - -	RP1298	10¢

<u>Title</u>	<u>Series</u>	<u>Price</u>
Architectural acoustics. Paul R. Heyl and V. L. Chrisler. (1938) - - - - -	C418	5¢
Sound absorption coefficients of the more common acoustic materials. Free on application to the National Bureau of Standards. (February 1941) - - - - -	LC-632	
Classification of acoustic materials. Free on application to the National Bureau of Standards. (February 1941)	LC-633	
New industry - manufacture of sound absorbing material. (August 1932) - - - - -	TNB184	
The measurement of sound absorption by oscillograph records. V. L. Chrisler. J. Acoustical Soc. Am., <u>1</u> , 418 (April 1930).		
Recent advances in sound absorption measurements. V. L. Chrisler. J. Acoustical Soc. Am., <u>2</u> , 123 (July 1930).		
Measurements with a reverberation meter. V. L. Chrisler and W. F. Snyder. J. Soc. Motion Picture Engineers, <u>18</u> , 479 (April 1932).		

SOUND TRANSMISSION

<u>Title</u>	<u>Series</u>	<u>Price</u>
Transmission and absorption of sound by some building materials. E. A. Eckhardt and V. L. Chrisler. (1926)	S526	OP
A discussion of some of the principles of acoustical insulation. V. L. Chrisler. (1933) - - - - -	C403	OP
Soundproofing of apartment houses. V. L. Chrisler. (1927)	T337	OP
Transmission of sound through building materials. V. L. Chrisler. (1927) - - - - -	S552	OP
Transmission of sound through wall and floor structures. V. L. Chrisler and W. F. Snyder. (1929) - - - - -	RP48	OP
Soundproofing of airplane cabins. V. L. Chrisler and W. F. Snyder. (1929) - - - - -	RP63	OP
Recent sound transmission measurements at the National Bureau of Standards. V. L. Chrisler and W. F. Snyder. (1935) - - - - -	RP800	OP
Sound insulation of wall and floor constructions. V. L. Chrisler. (1939) - - - - -	BMS17	10¢

<u>Title</u>	<u>Series</u>	<u>Price</u>
Soundproofing partitions. (December 1931) - - - - -	TN176	
Progress in soundproofing of airplane cabins. Air Commerce Bul., <u>1</u> , no. 21 (May 1930).		
The sound insulating properties of partition walls (chiefly lath and plaster). E. A. Eckhardt and V. L. Chrisler. Am. Architect, <u>128</u> , 405 (November 1925).		
Sound insulation. V. L. Chrisler. Architecture, <u>57</u> , 87 (February 1928).		
Soundproofing apartment houses. V. L. Chrisler. Architectural Forum, <u>50</u> , 623 (April 1929), 765 (May 1929).		
Decreasing noise in airplane cabins. Domestic Air News. Serial no. 49 (March 31, 1929).		
Sound transmission of materials. V. L. Chrisler. Am. Architect, <u>138</u> , 32 (August 1930).		
Measurement of sound transmission. V. L. Chrisler. J. Acoustical Soc. Am., <u>1</u> , 175 (January 1930).		
Reduction of airplane noise. Aeronautics Bul., no. 25 (October 1, 1930).		

ABSOLUTE SOUND MEASUREMENTS

<u>Title</u>	<u>Series</u>	<u>Price</u>
Absolute pressure calibrations of microphones. R. K. Cook. (1940) - - - - -	RP1341	5¢
Absolute pressure calibration of microphones. R. K. Cook. J. Acoustical Soc. Am., <u>12</u> (January 1941).		

MISCELLANEOUS

Report of test on reduction of airplane noise by use of mufflers. Air Commerce Bul., <u>4</u> , no. 12 (December 15, 1932). Reprints available on application to the National Bureau of Standards.		
Acoustical work of the National Bureau of Standards. V. L. Chrisler. J. Acoustical Soc. Am., <u>7</u> , 79 (October 1935).		
Principles, practice and progress of noise reduction in airplanes. Albert London. Technical Notes of National Advisory Committee for Aeronautics No. 748.		
Acoustical investigations of Joseph Henry as viewed in 1940. W. F. Snyder. J. Acoustical Soc. Am., <u>12</u> , 58 (July 1940).		