

ACOUSTICAL PUBLICATIONS BY MEMBERS OF THE STAFF OF THE
BUREAU OF STANDARDS.

(June 2, 1933)

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This Letter-Circular is a list of papers on acoustics by members of the staff of the Bureau of Standards. Some of these have been published in the regular series of publications of the Bureau of Standards, others in various scientific and technical journals.

Unless specifically stated, none of the papers herein listed are obtainable from the Bureau of Standards. Those marked with an asterisk (*) are out of print, but, in general, may be consulted at the libraries in large cities.

Where the price is given the publication must 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 possessions, Canada, Cuba, Mexico, Newfoundland, and the Republic of Panama. When remitting for delivery to other countries, include in your remittance one-third of the total cost of publications to cover postage. Remittances should be made payable to the "Superintendent of Documents, Government Printing Office, Washington, D.C." (in United States currency) and sent to him with order.

The publications of the Bureau of Standards are designated by a series letter followed by a number. The explanation for these letters is as follows:

RP = "Research Paper". These are reprints of articles appearing in the "Bureau of Standards Journals of Research". When applying at a library, the Journal should be asked for.

S = "Scientific Paper" of the Bureau of Standards. This series has likewise been superseded by the Journal of Research.

C = "Circular" of the Bureau of Standards.

LC = "Letter Circular" of the Bureau of Standards.

TNB = Technical News Bulletin of the Bureau of Standards.

SOUND ABSORPTION

- | Series No. | Title. |
|------------|--|
| RP 149 | The absorption of sound at oblique angles of incidence. Paul R. Heyl, V. L. Chrisler and W. F. Snyder. (1930) 5¢. |
| RP 242 | The measurement of sound absorption. V. L. Chrisler and W. F. Snyder. (1930) 10¢. |
| RP 457 | An automatic reverberation meter for the measurement of sound absorption. W. F. Snyder. (1932) 5¢. |
| RP 465 | Some of the factors which affect the measurement of sound absorption. V. L. Chrisler and Catherine E. Miller. (1932) 5¢. |
| C 396 | Architectural acoustics. Paul R. Heyl. (1931) 5¢. |
| LC 359 | Sound absorption coefficients of the more common materials. (February, 1933). Free on application to Bureau of Standards. |
| TNB 184 | New industry - manufacture of sound absorbing material. August 1932). |
| | The measurement of sound absorption by oscillograph records. V. L. Chrisler. Journal of the Acoustical Society of America, vol. 1, No. 3, part 1, p. 418. April, 1930. |
| | Recent advances in sound absorption measurements. V. L. Chrisler and W. F. Snyder. Journal of the Acoustical Society of America, vol. 2, No. 1, p. 123, July 1930. |
| | Measurements with a reverberation meter. V. L. Chrisler and W. F. Snyder. Journal of the Society of Motion Picture Engineers. vol. 18, No. 4, p. 479, April, 1932. |

SOUND TRANSMISSION.

- | Series No. | Title. |
|------------|---|
| S 526 | Transmission and absorption of sound by some building materials. E.A.Eckhardt and V.L.Chrisler. (1926) 15¢. |
| C 403 | A discussion of some of the principles of sound insulation. V. L. Chrisler. (1933). 5¢ |
| T 337* | Soundproofing of apartment houses. V.L.Chrisler. (1927). 5¢. |
| S 552 | Transmission of sound through building materials. V. L. Chrisler (1927) 5¢. |

SOUND TRANSMISSION

- | Series No. | Title. |
|------------|---|
| RP 48 | Transmission of sound through wall and floor structures. V. L. Chrisler and W. F. Snyder. (1929) 10¢. |
| RP 63 | Soundproofing of airplane cabins. V. L. Chrisler and W. F. Snyder. (1929) 5¢. |
| TNB 176 | Soundproof partitions. December 1931. |
| | Progress in soundproofing of airplane cabins. Air Commerce bulletin, vol. 1, No. 21, May, 1930. |
| | The sound insulating properties of partition walls (chiefly lath and plaster). E. A. Eckhardt and V. L. Chrisler. The American Architect, vol. 128, p.405, Nov. 1925. |
| | Sound insulation. V. L. Chrisler. Architecture, vol. 57, p.87, Feb. 1928. |
| | Soundproofing apartment houses. V. L. Chrisler. The Architectural Forum. vol. 50, part 1, p.623, April, 1929. Part 2, p.765, May 1929. |
| | Decreasing noise in airplane cabins. Domestic Air News, Serial No.49, March 31, 1929. |
| | Sound transmission of materials. V. L. Chrisler. The American Architect. vol. 138, p.32, August, 1930. |
| | Measurement of sound transmission. V. L. Chrisler. The Journal of the Acoustical Society of America, vol. 1, No.2, p.175, Jan. 1930. |
| | Reduction of airplane noise. Aeronautics Bulletin, No. 25, Oct. 1, 1930. |

MISCELLANEOUS

- Report of test on reduction of airplane noise by use of mufflers. Air Commerce Bulletin, vol. 4, No. 12, Dec. 15, 1932.

