

SOCIETY ANNOUNCEMENTS

ATLANTIC COAST SECTION

At a meeting held at the Hotel Pennsylvania, New York, N. Y., on May 15th, Mr. G. T. Lorance of Electrical Research Products, Inc., presented a paper on the "Signal-to-Noise Ratio in Recording Methods and Technic." In his presentation Mr. Lorance discussed the quest for a higher signal-to-noise ratio and described the various types of sound-track employed, both variable-density and variable-area.

The meeting was well attended and an interesting discussion followed the presentation.

MID-WEST SECTION

On April 30th at the meeting rooms of the Western Society of Engineers Mr. M. Townsley, of the Bell and Howell Company of Chicago, presented a paper dealing with the "Elementary Theory and History of Lens Surface Treatment."

The presentation embodied a short but detailed history of lens "plating" processes, beginning with the experiments of H. Dennis Taylor with hydrogen sulfide in 1892. The work was traced through Kollmorgan in 1916 and F. E. Wright's experiments in 1917. The paper concluded with a description of the work of John Strong, of the California Institute of Technology, who, in 1936, described a method involving the evaporation of metallic fluorides *in vacuo* giving the same effect as the chemical method. The work of Dr. Katherine Blodgett, of the General Electric Company, was also discussed and analyzed.

On May 28th Mr. H. S. Knowles, of the Jensen Radio Manufacturing Company in Chicago, presented a talk on the subject of "Theater Speaker Design Trend." In the presentation Mr. Knowles discussed the influences of the permanent magnet, modern theater design, and fine-grain emulsion upon the design of loud speakers and on stereophonic reproduction.