

Norman E. C. Naill has been appointed Customer Relations Representative for Southwest Film Laboratory, Inc. Prior to this appointment he was Motion Picture Production Supervisor for Virginia Polytechnic Institute. A member of the Society, he is also a member of the University Film Producers Assn.

Victor A. Babits, Professor of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N.Y., has been made a Fellow of the Television Society, London, England, for "contributions to television over the past thirty years or more." The Television Society, founded in 1927, is said to be the first such group organized to further research in television.

## section reports

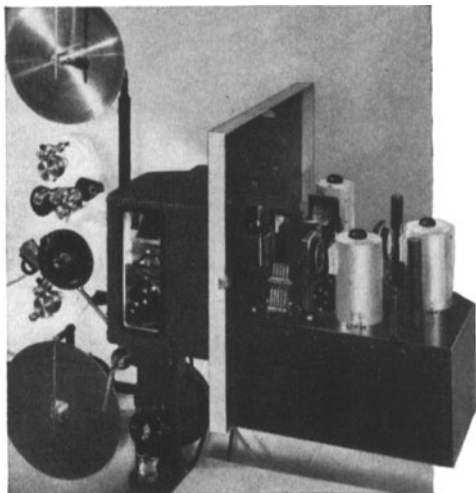


The Hollywood Section met on May 19 at the Walt Disney Studios in Burbank with an attendance of 220. Speakers were: Vaughan C. Shaner and John M. Waner of Eastman Kodak Co., who discussed "High-Speed Eastman Color Negative Film;" and James DuBois of KABC Television, who talked about "Special

Lighting Effects Using the Leco Spotlight and a New Cukaloris."

Mr. Shaner spoke on the new Eastman color negative film Type 5250, which was designed to replace Type 5248. He used colored slides to show that 5248 and 5250 are directly comparable as far as spectral sensitivity is concerned, but 5250 has twice the film speed of 5248. In a 35mm print showing identical scenes photographed on 5248 and 5250, the Type 5250, with the increased emulsion speed, permitted exposure at one lens stop less light under the same lighting conditions. The color from the 5250 matched the 5248 very closely, and the effect of stopping down the lens was quite apparent in the increased depth of field. The closing portion of the film showed scenes from the 1959 Ice Follies of Shipstead and Johnson, using lighting conditions exactly as they were for the road show. Following Mr. Shaner's presentation, Mr. Waner discussed some of the technical aspects of printing and processing the new material.

Mr. DuBois outlined the procedure used in preparing masks for use in Leco spotlights to project special background lighting effects as used in TV. He showed, step-by-step, illustrating with colored slides, how the special pattern masks are made from a photographic negative and transferred to a very thin aluminum disc by photoengraving methods. The extremely fine detail of a special mask was shown, and several masks were inserted in the spotlight and the effects displayed on the screen for the audience to see.—Carl W. Hauge, *Secretary-Treasurer*, 959 N. Seward St., Hollywood 38, Calif.



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The Hollywood Section met on June 16 at the Department of Cinema, University of Southern California, Los Angeles, with an attendance of 175. Frank P. Clark, chairman of the SMPTE Student Chapter at the University, conducted the meeting and introduced the speakers.

Robert W. Wagner, then Head of the University's Cinema Dept., discussed "USC Cinema and the Next 30 Years." Glenn D. McMurry, Manager of Film Sales, talked about "Automation in Film Cataloging," and John G. Frayne, Westrex Corp., discussed "The Engineer and the Motion-Picture Industry."

In addition to the three papers, various motion pictures made by students from several academic levels in the Cinema Department were presented. The graduate department presented a film made from clippings and behind-the-scene shots from *Bridge on the River Kwai*, which showed how to prepare dramatic shots to greatest advantage to make the experience believable and the characters and their conduct real.

Mr. McMurry described how the IBM card system is used for the rapid up-dating of film catalogs.

Dr. Frayne spoke of the obligation that industry has to support technology development and the technical training programs for up-grading personnel of the motion-picture and TV industries.

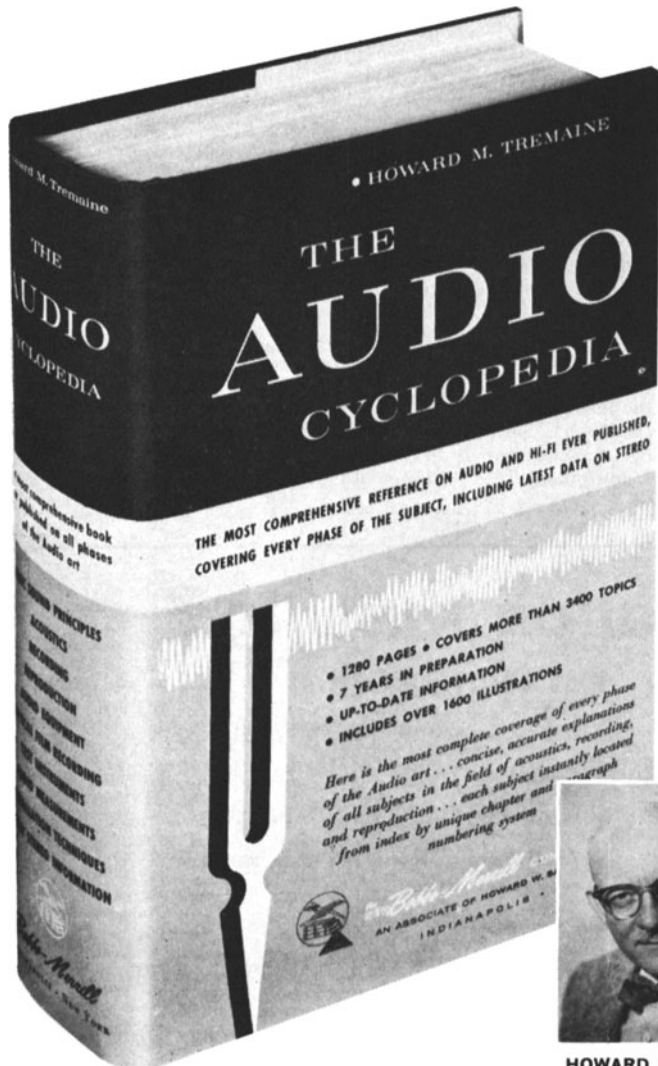
The USC Student Chapter is a particularly active group and this program, arranged and presented by them, showed some of their fine work. The facilities of the USC department were open for inspection.—Carl W. Hauge, *Secretary-Treasurer*.

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The Rochester Section met on May 21 at WSYR-TV in Syracuse with an attendance of 42. Robert A. Storme of Ampex Corp., New York, was the guest speaker.

Mr. Storme supplemented his excellent discussion of the Ampex Videotape Recorder with a slide and tape talk normally used by the Ampex Corp., in the promotion of its equipment. With the assistance of WSYR personnel, an interesting demonstration of the equipment was made in which the audience was recorded and the same picture information was played back so that everyone could see the quality available in this system.

Following Mr. Storme's presentation, the management and personnel of WSYR conducted the group on a tour of the station's facilities.—R. E. Connor, *Secretary-Treasurer*, 35 Chatham Park, Rochester 18, N.Y.

The San Francisco Section, following cocktails and dinner at the Zombie Village, met on April 14th at the Tinsley Optical Laboratory in Berkeley with an attendance of 43. The subject of the evening: Optics.

Since 1942 the Tinsley Laboratory has been specializing in the research and development of optics. Their primary field is long focal length lenses that are physically small. Their 40-in. 3.5 lens has a total overall length of only 20 in.

H. L. Morton of the Tinsley Lab. talked about lenses in general and gave a complete description of the schlieren, shadowgraph and interferometer systems, the methods most commonly used for the

study of gas-density variation. The schlieren system has proved most versatile for wind-tunnel application. Lenses in various stages of construction were inspected by the audience.

A tour of the Laboratory followed Mr. Morton's presentation. Several polishing and grinding machines were in operation and a complete schlieren system, constructed for Douglas Aircraft, had been set up for the inspection of the audience. In place of the wind tunnel, a nonflame heat device was used to simulate shock waves for the demonstration.—Frank Mansfield, *Secretary-Treasurer*, 57 Stoneyford Ave., San Francisco 24, Calif.

The San Francisco Section held a joint meeting with the Audio Engineering Society on May 11 at the Morrison Planetarium in San Francisco. The meeting, in two parts, was attended by 109.

Part one was a demonstration and explanation of the basic principles of "Vortex." Henry Jacobs and Jordan Belson, co-inventors of Vortex, were the main speakers. Mr. Jacobs explained the sound portion and the electronic tone generated music while Mr. Belson talked about the types of projection equipment used for the visual portion of the demonstration. A typical program was shown. Vortex was shown at the World's Fair in Brussels in 1958.

The second portion of the meeting was devoted to the Planetarium in Golden Gate Park. Alvin C. Gundred, Planetarium Technician, described the equipment in

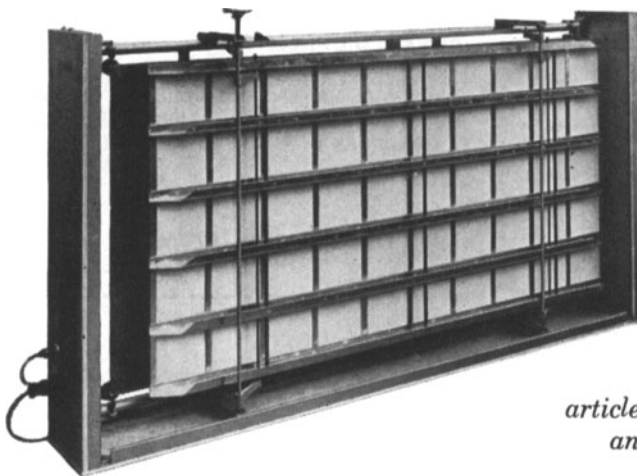
use and explained how most of it was constructed. Both the audio and projection portions were covered. George W. Bunton, Manager of the Planetarium and Curator, Department of Astronomy, California Academy of Sciences, spoke on the general history of the installation and ran a portion of a typical show.—Frank Mansfield, *Secretary-Treasurer*, 57 Stoneyford Ave., San Francisco 24, Calif.

The San Francisco Section met June 9 at the studios of the American Broadcasting Company with an attendance of 25. Speakers at the meeting were: Thomas R. Simonson, G. M. Simonson Consulting Engineers, who discussed "Heating, Ventilating and Noise Reduction in Studios," and W. A. Palmer, Palmer Films, Inc., whose subject was "Acoustical Treatment of Studios."

Mr. Simonson discussed the problems of air conditioning, the various methods used and problems encountered in their applications, the factor of percent humidity to comfort level and the control of the noise of the systems.

In his discussion of acoustics, Mr. Palmer used slides to illustrate the basic types of studio and theater design and the reasons for their use, the various materials used and the proper way to use them. Typical reverberation and decay-time charts were discussed. The meeting was concluded by showing advantages and disadvantages of several studio and theater designs.—Frank Mansfield, *Secretary-Treasurer*, 57 Stoneyford Ave., San Francisco 24.

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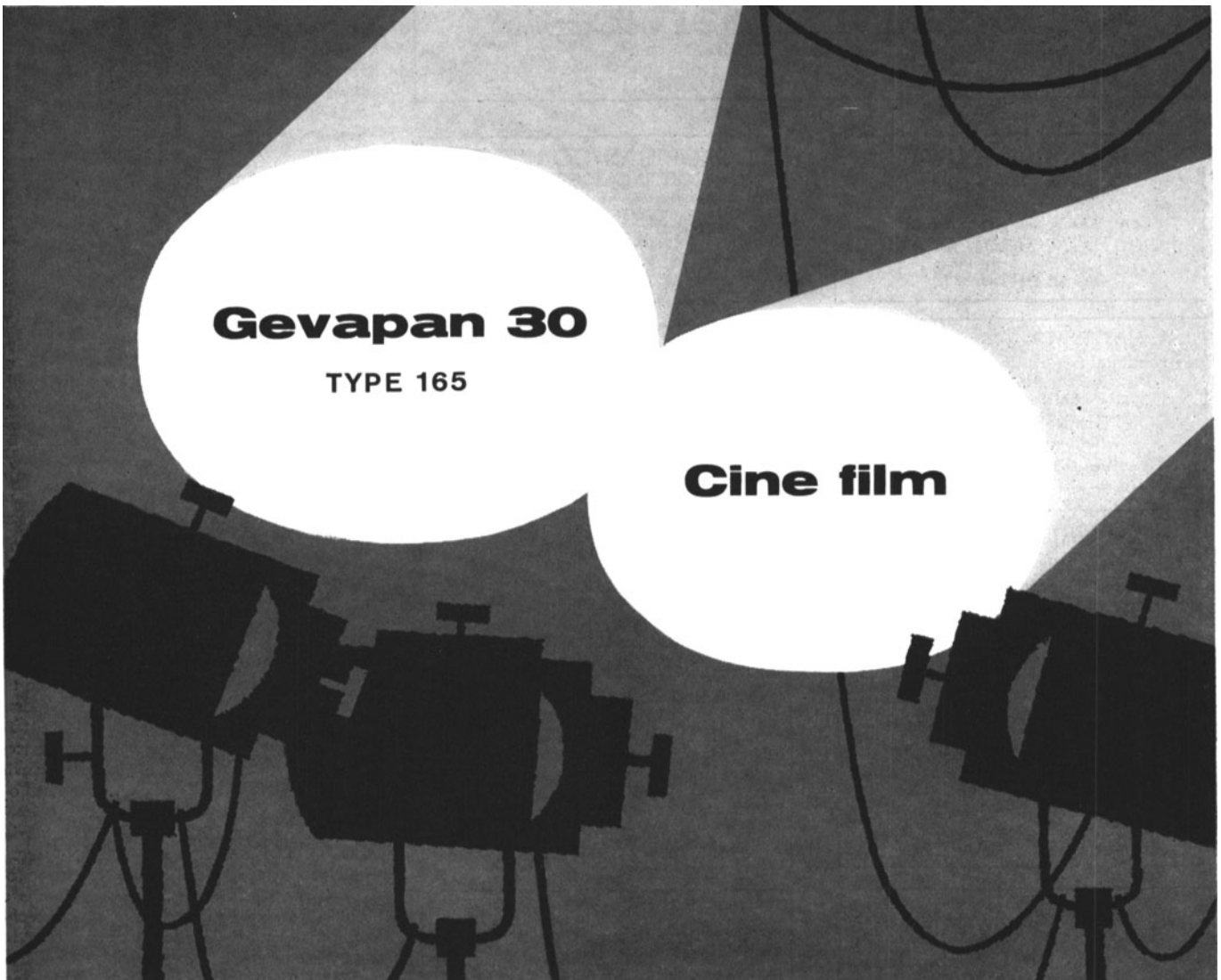
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