

Jack R. Glass discussed the preparation of briefing films used by B-29 bomber crews. These films, which were made by the First Motion Picture Unit at Culver City under the direction of Major Seawright, and which played a vital role in pin-point bombing, showed the crews how their course to and over Japan appeared from the plane, through the bombsight, and on the radar screen.

The briefing films had to be made quickly and accurately without resorting to reconnaissance flights over Japan which might endanger the missions by revealing intended routes. Warrant Officer Glass described the project in detail and told of creating a large reproduction of Japan which was photographed to simulate the appearance of Japanese territory under flight. Samples of the films were screened.

As the second feature of the meeting, the German musical color motion picture, *Lady of My Dreams*, was exhibited. This picture, produced in 1942 using Agfa-color, was of interest to Section members and guests because it demonstrated the use of an integral tripack color system for 35-mm release prints with sound. The print was obtained through the courtesy of the Army Pictorial Service and the Academy of Motion Picture Arts and Sciences.

The meeting was held on the scoring stage of RCA Victor in Hollywood.

#### OCTOBER TECHNICAL CONFERENCE

The 58th Semi-Annual Technical Conference held in New York on October 15-17 was the most successful meeting ever conducted by the Society. Over 300 registrations were recorded for the 3-day Conference which required 7 technical sessions to present all the papers submitted to the Papers Committee. Individual sessions were well attended and interest in all papers presented was unusually enthusiastic.

Because of the decision of the Board of Governors to hold a regular national meeting following V-J Day, instead of a local metropolitan area meeting as planned previously, there were necessarily some changes made in the scheduling of papers as listed in the final printed program. Therefore, in answer to many requests which have been received for copies of the program, the editors are publishing in this issue of the *JOURNAL* the complete program as followed for the 3-day Conference. All technical sessions were held in the *Salle Moderne* of the Hotel Pennsylvania, New York.

### *Program*

*Monday, October 15, 1945*

2:00 p.m. Opening Session of Conference.

Clyde R. Keith, *Chairman*

Session opened with a 10-min pre-release 35-mm motion picture short.

Welcome by President Donald E. Hyndman.

- Report of the Convention Vice-President, W. C. Kunzmann.
- "The Waller Flexible Gunnery Trainer," by Fred Waller, Vitarama Corp., Long Island City, N. Y.
- "A Wide Angle 35-Mm High-Speed Motion Picture Camera," by J. H. Waddell, Bell Telephone Laboratories, New York.
- "Nonintermittent Motion Picture Projector with Variable Magnification," by F. G. Back, Research and Development Laboratory, New York.
- "A New 16-Mm Buzz Track Recorder," by M. G. Townsley, Bell and Howell Co., Chicago, Ill.
- "Use of the 16-Mm Motion Picture in the Educational Reconditioning of Hospitalized Combat Veterans," by E. W. Schultz, Army Medical Center (Walter Reed General Hospital), Washington, D. C.
- "A Film Splicing and Repair Machine," by Armour Wallingsford, Republic Studio, North Hollywood, Calif.
- "A Laboratory Film Ink," by Armour Wallingsford, Republic Studio, North Hollywood, Calif.
- "A National Film Library—The Problem of Selection," by J. G. Bradley, Director, Motion Picture Project, The Library of Congress, Washington, D. C.

8:00 p.m. Evening Session.

Nathan D. Golden, *Chairman*

Session opened with a 10-min pre-release 35-mm motion picture short.

Talk on I. G. Farben Afsa Color by Lt. Col. R. H. Ranger, U. S. Army Signal Corps, on behalf of the U. S. Technical Industrial Intelligence Committee. Program was sponsored by the U. S. Department of Commerce.

*Tuesday, October 16, 1945*

10:00 a.m. Morning Session.

Earl I. Sponable, *Chairman*

Session opened with a 10-min pre-release 35-mm motion picture short.

- "The Use of Desiccants with Undeveloped Photographic Film," by C. E. Ives and C. J. Kunz, Eastman Kodak Co., Rochester, N. Y.
- "Measurement and Control of Dirt in Motion Picture Processing Laboratories," by N. L. Simmons, Eastman Kodak Co., Hollywood, and A. C. Robertson, Eastman Kodak Co., Rochester, N. Y.
- "Aluminum and Chromium as Gelatin Hardeners," by H. L. Baumback and H. E. Gausman, Paramount Pictures, Inc., Hollywood.
- "An Application of Direct-Positive Sound Track in 16-Mm Release Processing by Duplication Method," by Major G. C. Misener

and G. Lewin, Signal Corps Photographic Center, Long Island City, N. Y.

"A Simplified All-Purpose Film Recording Machine," by G. R. Crane and H. A. Manley, Electrical Research Products Division, Western Electric Company, Hollywood.

**2:00 p.m. Afternoon Session.**

**Herbert Griffin, Chairman**

Session opened with a 10-min pre-release 35-mm motion picture short.

"The Wartime Record and Post-War Future of Projection and Sound Equipment," by A. G. Smith, National Theatre Supply, New York.

"Carbon Arcs for Motion Picture and Television Studio Lighting," by F. T. Bowditch, M. R. Null and R. J. Zavesky, National Carbon Co., Cleveland, Ohio.

"Westrex Standard Sound Film Reproducer," by G. S. Appelgate, Western Electric Export Corporation, New York, and J. C. Davidson, Electrical Research Products Division, Western Electric Company, Hollywood.

"Westrex Master Sound Film Reproducer," by G. S. Appelgate, Western Electric Export Corporation, New York, and J. C. Davidson, Electrical Research Products Division, Western Electric Company, Hollywood.

"Projection Equipment for Review Rooms," by H. J. Benham, Radio Corporation of America, RCA Victor Division, Camden, N. J.

"Specialized Photography Applied to Engineering in the Army Air Forces," by Major P. M. Thomas and Capt. C. H. Coles, Air Technical Service Command, Wright Field, Ohio.

"A Loudspeaker for Critical Monitoring," by Major P. W. Klipsch, Southwestern Proving Ground, Hope, Ark.

"An Absolute Method for the Determination of the Effective  $f$  Stop Calibration of Camera Lenses," by C. R. Daily, Paramount Pictures, Inc., Hollywood.

"A Test Reel for Television Broadcasting Stations," by M. R. Boyer, Photo Products Div., E. I. du Pont de Nemours & Co., Parlin, N. J.

**8:30 p.m. Georgian Room: Fifty-Eighth Semi-Annual Dinner-Dance.**

**President Donald E. Hyndman, presiding.**

Introduction of Officers-elect for 1946.  
 Presentation of certificates to Fellows-elect.  
 Presentation of Journal Award for 1945.  
 Music and entertainment until 1:30 a.m.

*Wednesday, October 17, 1945*

**10:00 a.m. Morning Session.**

**Major Lloyd T. Goldsmith, *Chairman***

Session opened with a 10-min pre-release 35-mm motion picture short.

"The Dual Projector," by T. C. Hoad, General Theater Supply Co., Toronto, Canada.

"A Simplified Recording Transmission System," by F. L. Hopper and R. C. Moody, Electrical Research Products Division, Western Electric Co., Los Angeles, Calif.

"A Brief for Film in Television," by John Flory, of Grant, Flory and Williams, New York.

"A Complete Motion Picture Production Plant for Metropolitan New York," by R. B. Austrian, RKO Television Corp., New York.

"The Illusion of Depth in Motion Pictures," by Lt. H. T. Souther, U. S. Army Signal Corps, Long Island City, N. Y.

"Theory and Practice of Lighting for the Camera," by Lt. H. T. Souther, U. S. Army Signal Corps, Long Island City, N. Y.

**2:00 p.m. Afternoon Session.**

**E. Allan Williford, *Chairman***

Session opened with a 10-min pre-release 35-mm motion picture short.

"Report of the SMPE Color Committee," by J. A. Ball, Chairman, Hollywood.

"The Printing of 16-Mm Kodachrome Duplicates," by R. M. Evans, Eastman Kodak Co., Rochester, N. Y.

"An Improved Film Drive Filter Mechanism," by C. C. Davis, Electrical Research Products Div., Western Electric Company, Hollywood.

"The Ansco Colorpak Process for Professional Motion Pictures," by H. H. Duerr and H. C. Harsh, Ansco, Binghamton, N. Y.

"Phototube for Dye Image Sound Track," by A. M. Glover and A. R. Moore, Radio Corporation of America, Lancaster, Pa.

"Preliminary Sound Recording Tests with Variable-Area Dye Tracks," by R. O. Drew and S. W. Johnson, Radio Corporation of America, RCA Victor Division, Indianapolis, Ind.

"The Behavior of a Blue-Sensitive Phototube in Theater Sound Equipment," by J. D. Phyfe, Radio Corporation of America, RCA Victor Division, Indianapolis, Ind.

**8:00 p.m. Evening Session.**

**Glenn E. Matthews, *Chairman***

Session opened with a 10-min pre-release 35-mm motion picture short.

"The Problem of Amateur Color Photography," by R. M. Evans, Research Laboratories, Eastman Kodak Co., Rochester, N. Y.

*Note: This was a one hour and forty-five minute semi-popular lecture and demonstration on color photography.*

Adjournment of Fifty-Eighth Semi-Annual Technical Conference, by D. E. Hyndman, President.

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## EMPLOYMENT SERVICE

### POSITIONS OPEN

Designer and engineer experienced in optics, lighting, and microphotography, capable of designing microfilm reading equipment and products related to microfilm industry. Reply to Microstat Corporation, 18 West 48th St., New York 19, N.Y.

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Design engineer, experienced in mechanics and optics of motion picture cameras, projectors, and film scanning. Give details. Reply to Mr. John H. Martin, Columbia Broadcasting System, Inc., 485 Madison Ave., New York 22, N.Y.

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### POSITIONS WANTED

Sound recording engineer, 16- or 35-mm equipment, studio or location work, single or double system. Free to travel. For details write J. J. K., 354 Ninth Ave., New York 1, N.Y.

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Honorably discharged veteran with 15 years' experience in all phases of motion picture production, including film editing, directing, producing. For details write F. A., 30-71 34th St., Long Island City 3, N.Y. Telephone AStoria 8-0714.

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Projectionist-newsreel editor with 15 years' experience just released from service. Willing to locate anywhere. Write P. O. Box 152, Hampden Station, Baltimore 11, Maryland.

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Director of visual training aids, now concluding government work, desires position with educational, industrial or commercial organization, supervising or assisting in the production or distribution of visual training or allied work. Write H. C. B., 348 Maryland Ave., Dayton 4, Ohio.

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Chief Engineer of motion picture camera manufacturer now available. Special training in optics, electricity, electronics, mechanics. Experienced in all phases of manufacture of cameras, projectors, and accessories. Prefer West Coast, but not essential. Write Robert Winkler, 119 West 78th St., New York, N. Y.

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