68th Convention

Feature items on the Papers Program include a Symposium on Film Registration that will appeal particularly to designers of film handling equipment. Recent study of film perforation shape as it affects steadiness in the camera, registration in printing and projection life of release prints will be reported upon at length. The years of formal experience with film perforated to current standards, together with surveys now under way, should provide a thorough engineering basis for proposed new film standards that will be of serious interest to all film, equipment and laboratory people.

Most of one day will be devoted to papers on several application aspects of high-speed motion picture photography. Adequate time is to be allowed for discussion from the floor of practical application problems.

Editing magnetic sound tracks in motion picture studio production will highlight another session and tie in with papers on magnetic recording equipment and studio practices.

Photographic sound recording on a new type of color motion picture release film will be discussed as will many other items of interest, including "T" stop calibration of camera lenses.

— *the place* is Lake Placid Club — *the time* is October 16–20 — *reservations* are now being accepted, so send the card you received recently (or write) to: Daniel Nelson, Reservations Manager, Lake Placid Club, Lake Placid, N.Y. — *families* are more than welcome — *informality* prevails — *you and your guests* will enjoy the outdoor recreation.

Members going to Lake Placid from the West should take the New York Central and change at Utica. Those from New York City, the South or areas connecting only with the Pennsylvania Railroad can arrange for overnight or day service from New York City directly to Lake Placid via the New York Central.

Air transportation from New York City can be made available on a charter basis provided there are enough reservations. Planes are tentatively scheduled to leave New York at 10 A.M. and 2 P.M. Sunday, October 15, and 10 A.M. Monday, October 16, with return flights leaving Lake Placid at 10 A.M., 2 P.M. and 6 P.M. Friday, October 20. Round-trip fare is $40.00. If you desire a reservation on the plane, your check must be received by Society Headquarters before September 10. Please indicate your preference for departure times.

Board of Governors

On Wednesday, July 26, the Society's Board of Governors met for its third regular meeting in 1950. Fiscal affairs were discussed at length and the Board reports that, in general, operations for the first half-year compare very favorably with the budget estimate. One disappointing note, however, was the report on membership status which showed dues for nearly 10% of the entire membership still unpaid as of June 30. The Board is investigating the reasons for this heavy list of delinquents, so that appropriate steps can be taken to reinstate them, as well as to avoid a long list of delinquents next year.

Candidates for Society offices selected by the Nominating Committee for the annual fall election were ratified by the Board as were nominees for Journal

Award, Samuel L. Warner Memorial Award, SMPTE Progress Medal Award and Honorary memberships.

Having been away from motion picture activities for a number of years, Louis Pacent had resigned from membership in the Society. He now plans to renew his interest in technical motion picture matters and his reinstatement as a Fellow received unanimous endorsement by the Board.

Student chapters of University of Southern California and New York University have both been active recently. To help them along the Board has appointed Loren L. Ryder and William H. Rivers as Society advisers.

Engineering Committees

The summer months in recent years have been periods of relative inactivity for the Society's engineering committees, but the current load of standards projects and work related closely to television has kept several committees working diligently throughout the vacation season. Here, briefly, are two items of interest.

Theater Television

Under the Chairmanship of D. E. Hyndman, the Theater Television Committee's detailed study of performance requirements for interconnecting facilities will be continued with an examination of the effects of bandwidth variations, signal-noise ratio, distortion and compression on quality of the projected theater television picture.

Representatives of the common carriers, as well as manufacturers of equipment for this new industry, have taken an active part and have highly praised the efforts of Otto Schade in his study of the four fundamental characteristics. Work on bandwidth requirements has progressed very well. A figure for admissible random noise has been proposed, based upon a detailed and objective sampling procedure developed by Mr. Schade, using the "noise" level of motion picture film as a reference. Subjective comparison of the experimental results between film and television pictures has already been made on a limited scale and will be repeated again, using full-scale commercial equipment for both pictures in the near future.

Tentative conclusions have been made concerning square-wave distortion limits. Further work is now being done and will soon be discussed by the Committee.

Screen Brightness

For more than fifteen years, considerable time and effort have been devoted to the well-organized programs of the Screen Brightness Committee, work having begun seriously in the early thirties. A comparison method of estimating screen reflectivity was adopted, and sample gray cards to serve as reflection factor standards were bound into the JOURNAL for June 1933. Extended study of print density, vision and screen illumination produced a series of JOURNAL articles in the mid-thirties.

Measurement methods have always been a serious problem. Just before the last war the Committee, under Frank Carlson, began to develop a photoelectric screen brightness meter, but the press of other urgent matters stopped the program shortly after a specification was agreed on. Three years ago the project was revived under the joint guidance of Erwin Geib and Bob Zavesky. A preliminary