

# Committee on Theatrical Projection Technology

The committee met on 19 October 1977 in Los Angeles, California concurrently with the 119th SMPTE Technical Conference. Within the four years that G. M. Berggren held the Chairmanship of this committee, changes experienced in theater practices included larger reels, xenon illumination, platter systems, mini-theaters and unattended equipment of semi-automatic operation.

The committee was especially concerned with subjects such as carbon arc and xenon illumination sources, English and metric lens specifications, eye adaptation factors in standards, widescreen aspect ratios and other parameters which may insure better projection of our motion pictures.

New standards developed by the committee included one on screen gain determination, a new 16-mm test film which followed the full acceptance of the RP 40 pattern as a valuable 35mm test film, and a low-level limit on screen illumination for theaters.

G. M. Berggren noted that new topics currently being worked on are a 70-mm film pattern, gain screen curvature, proposed

screen illumination measurement techniques for gain screens, theater design guidelines for both viewing ratios and seating/sightlines, film tension limits for projector systems, a jump and weave specification, and a proposed three-perforation frame for 35-mm release prints.

It was noted that the committee now has a membership of approximately forty, including several members outside the United States who have been extremely helpful in providing engineering input from their countries.

The Chairman noted that the latest innovation being studied by the committee is the use of green ambient light in theaters which stemmed from the review of apparent changes in screen illumination on large screens. He then thanked the committee for their cooperation during his four years in office. The Engineering Vice-President, R. J. Zavada, spoke for the committee in expressing his gratitude for the diligence and effective manner in which G. M. Berggren fulfilled his responsibilities, and took the opportunity to introduce J. G. Baer as the next Chairman of this committee.

19 October 1977

G. M. Berggren  
Chairman

# Minutes of the Annual Meeting of Voting Members of the SMPTE Century Plaza Hotel, Los Angeles, 17 October 1977

The meeting was called to order by the Chairman at 2:45 p.m. The Executive Director having in his possession 1063 signed proxies, a quorum was declared to be present in person and by proxy.

The proposed amendments to the Bylaws were read, and the meeting proceeded to vote on each. The text of the amendments and the total votes (floor votes plus proxies) follow:

## 1. REGIONAL REPRESENTATION

### Bylaws Article III, Section 2, Subsec. B. Representation

*Amend to read:* The Regions of the United States and Canada shall be represented on the basis of one Governor for each 500 members, or fraction thereof, of any grade, elected by the voting membership residing in their respective Region. Membership in the Regions shall be determined on the basis of an annual membership audit as of 31 December of each year.

To increase the number of Governors, the Regional membership must exceed the nearest multiple of 500 by at least 25 members for two consecutive years. Conversely, the number of Governors representing a Region will not be reduced unless the membership falls at least 25 members below the determining multiple of 500 for two consecutive years.

Members residing in countries other than the United States of America or Canada may vote for any two nominees for Governor, regardless of Region, who they feel will be best able to serve their interests.

For: 1079

Against: 18

## 2. STAGGERING TERMS OF OFFICE OF FINANCIAL VICE-PRESIDENT AND TREASURER

### Bylaws Article III, Section 1. Number and Term of Office

*Amend to read:* The Board of Governors shall consist of: (1) the elected officers; (2) the Past-President of the Society;

(3) individuals elected by the membership as hereinafter prescribed; (4) not more than five individuals elected by the Board of Governors for a term of one year when in the opinion of the Board such additional members will more adequately represent the interest and activities of the Society's membership.

All members of the Board of Governors shall be members of the Society in either Honorary, Life Fellow, Fellow, Life Member or Active grades.

All Officers and Governors elected by the voting members of the Society shall serve for a term of two years (or until their successors have been duly elected), defined as follows:

January 1 of each odd-numbered year shall begin a term of office for the President, Executive Vice-President, Past-President, Editorial Vice-President, Conference Vice-President, Secretary, Treasurer, and approximately one half of the Governors as specified in Article III, Sec. 2, Subsec. B.

January 1 of each even-numbered year shall begin a term of office for the Engineering Vice-President, Financial Vice-President, Sections Vice-President, Vice-President for Educational Affairs, Vice-President for Photo-instrumentation Affairs, Vice-President for Motion Picture Affairs, Vice-President for Photo-science Affairs, Vice-President for Television Affairs, and the remaining approximate one-half of the Governors as specified in Article III, Sec. 2, Subsec. B.

For: 1087

Against: 10

There being no other business, the Chairman called for a motion to adjourn. A motion was made, seconded and passed, and the Chairman declared the meeting adjourned at 3:10 p.m.

Respectfully submitted,  
DENIS A. COURTNEY  
Executive Director