

2. *Subcommittee on Meters and Methods of Measurements*: Fred Kolb, Chairman of this Subcommittee, submitted an extensive and detailed report for consideration. Upon receiving the Committee's approval, the report will be submitted for *Journal* publication.

3. *Recommended Practices for Screen Illumination*: The Committee agreed that the theater survey could very well supply the basis for formulating Recommended Practices for illumination of motion picture screens and for the distribution of the illumination. A subcommittee is to be formed to prepare a draft for Committee consideration.

4. *Review of Screen Brightness Standard, PH22.39*: Based on a recently completed

ballot, the Committee decided to revise the present standard by limiting its application to indoor theaters. This recommendation is to be forwarded shortly to the Standards Committee.

**Film Dimensions** The main discussion revolved about the problems introduced by use of low shrink film. A new standard was proposed based on PH22.34, present cinc-negative standard, but with altered values for the pitch dimensions B and L. The appendix to the proposed standard contains a definition of "low shrink film." A letter ballot of the full Committee is the next step.—*Henry Kogel*, Staff Engineer.

## Current Literature

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The Editors present for convenient reference a list of articles dealing with subjects cognate to motion picture engineering published in a number of selected journals. Photostatic or microfilm copies of articles in magazines that are available may be obtained from The Library of Congress, Washington, D.C., or from the New York Public Library, New York, N.Y., at prevailing rates.

### American Cinematographer

- vol. 32, Aug. 1951  
 Three-Dimension Movies, in Color (p. 306)  
*R. V. Bernier*  
 The New Arriflex 16mm Camera (p. 309)  
*R. Scott*  
 Shooting News Films for Television (p. 312)  
*D. L. Conway*  
 vol. 32, Sept. 1951  
 Color Correction—What it Means (p. 354)  
*A. E. Murray*  
 Duke University Makes Own Teaching  
 Films (p. 356) *E. Porter*  
 Rangertone Sprocketless Magnetic Tape  
 Recorder (p. 358) *R. H. Ranger*  
 New All-Purpose Film Leader Benefits TV  
 Film Producers (p. 363) *L. Allen*

### Audio Engineering

- vol. 35, Oct. 1951  
 Technique of Record Processing (p. 21)  
*L. S. Goodfriend*

### British Kinematography

- vol. 19, Aug. 1951  
 Television Image Kinematography (p. 36)  
*W. D. Kemp*  
 The Screen at the Festival of Britain Tele-  
 cinema (p. 51) *J. L. Stableford*

- vol. 19, Sept. 1951  
 The Rational Application of Special Processes to Film Production, Pt. I, Introduction to Special Processes (p. 69) *T. W. Howard*; Pt. II, The Choice of Process (p. 73) *A. Junge*  
 Notes on the Accuracy of Measurements of the Luminance and Illumination of Kinema Screens (p. 77) *H. H. W. Losty and F. S. Hawkins*  
 The Manufacture of Photographic Chemicals (p. 83)

### Canadian Journal of Technology

- vol. 29, Sept. 1951  
 A Continuous Motion Camera for Multiple Exposure of 35mm Film (p. 401) *E. L. R. Webb*

### Electronics

- vol. 24, Sept. 1951  
 Crispening Circuit for Color TV (p. 85)  
 Dot Arresting Improves TV Picture Quality (p. 96) *K. Schlesinger*  
 vol. 24, Nov. 1951  
 Television Striking Test Set (p. 96) *R. K. Seigle*

**International Projectionist**

vol. 26, Aug. 1951  
Stereoscopic Motion Pictures (p. 12) *J. A. Norling*

vol. 26, Oct. 1951  
Is Lenticulated Color-Film Practical? (p. 5) *R. A. Mitchell*  
Projection in Britain's "Telekinema" (p. 11) *A. Bowen, J. Moir and H. Turner*

**Kino-Technik**

no. 4, Apr. 1951  
Polarisiertes Licht in der Kinotechnik (p. 66) *W. Selle*  
Der neue Askania Projektor AP XII (p. 68) *K. Schencke*

no. 5, May 1951  
Kino-Technik im Internationalen Blickfeld (p. 87)  
Film im Fernsehen (p. 93) *H. Jungfer*  
Ein Neues System von Tonwiedergabe analogen (p. 96) *H. Schmidt*  
Beschichtung und Regenerierung von Kinofilmen (p. 98) *H. W. Tromnau*  
Der Philips FP7-Projektor (p. 100)

no. 6, June 1951  
Herstellung von farbigen Bild-Kombinationsaufnahmen nach dem Prinzip der Wandermaske (p. 110) *E. Mutter*  
Ein neues System von Tonwiedergabeanlagen (p. 114) *H. Schmidt*  
"Aquaflex" die 35-mm-Unterwasser Kamera (p. 116) *W. Beyer*  
Störungen bei der Vorführung von Tonfilmen *H. Tümmel*

no. 7, July 1951  
Herstellung von farbigen Bild-Kombinationsaufnahmen nach dem Prinzip der Wandermaske (p. 134) *E. Mutter*

no. 8, Aug. 1951  
Der neue Super-Parvo mit Spiegelreflexblende (p. 155) *W. Beyer*  
Störungen bei der Vorführung von Tonfilmen (p. 161) *D. Braune and H. Tümmel*

**Motion Picture Herald**

vol. 185, Oct. 13, 1951 (Better Theatres)  
Theatre Television in Terms of Motion Picture Projection (p. 12) *G. Gagliardi*  
Ballantyne Announces New Model Soundhead and a Screen Tower (p. 38)  
The Operation and Maintenance of Theatre Television Equipment, Pt. II, The Picture Tube (p. 41) *A. Nadell*

vol. 185, Nov. 1951 (Better Theatres)  
How Today's Lamps Can Make Movies Better Than Ever (p. 21) *G. Gagliardi*

**Proceedings of the I.R.E.**

vol. 39, Oct. 1951  
Alternative Approaches to Color Television (p. 1124) *D. G. Fink*  
Color Television of Colorimetry (p. 1135) *W. T. Wintringham*  
Subjective Sharpness of Additive Color Pictures (p. 1173) *M. W. Baldwin, Jr.*  
Methods Suitable for Television Color Kinescopes (p. 1177) *E. W. Herold*  
A Three-Gun Shadow-Mask Color Kinescope (p. 1186) *H. B. Law*  
A One-Gun Shadow-Mask Color Kinescope (p. 1194) *R. R. Law*  
A 45-Degree Reflection-Type Color Kinescope (p. 1201) *P. K. Weimer and N. Rynn*  
A Grid-Controlled Color Kinescope (p. 1212) *S. V. Forgue*  
Development and Operation of a Line-Screen Color Kinescope (p. 1218) *D. S. Bond, F. H. Nicoll and D. G. Moore*  
Phosphor-Screen Application in Color Kinescopes (p. 1230) *N. S. Freedman and K. M. McLaughlin*  
Three-Beam Guns for Color Kinescopes (p. 1236) *H. C. Moody and D. D. VanOrmer*

Mechanical Design of Aperture-Mask Tricolor Kinescopes (p. 1241) *B. E. Barnes and R. D. Faulkner*  
Effects of Screen Tolerances on Operating Characteristics of Aperture-Mask Tricolor Kinescopes (p. 1245) *D. D. VanOrmer and D. C. Ballard*

Deflection and Convergence in Color Kinescopes (p. 1249) *A. W. Friend*  
Recent Improvements in Band-Shared Simultaneous Color-Television Systems (p. 1264) *B. D. Loughlin*  
Analysis of Dot-Sequential Color Television (p. 1280) *N. Marchand, H. R. Holloway and M. Leifer*

Color Television—U.S.A. Standard (p. 1288) *P. C. Goldmark, J. W. Christensen and J. J. Reeves* (also in *Jour. SMPTE*, 57: 336-381, Oct. 1951)

A New Technique for Improving the Sharpness of Television Pictures (p. 1314) *P. C. Goldmark and J. M. Hollywood* (also in *Jour. SMPTE*, 57: 382-396, Oct. '51)  
Spectrum Utilization in Color Television (p. 1323) *R. B. Dome*  
Observer Reaction to Low-Frequency Interference in Television Pictures (p. 1332) *A. D. Fowler*

**Radio & Television News**

vol. 46, Nov. 1951  
Practical Sound Engineering (p. 72) *H. M. Tremaine*

**Tele-Vision Engineering**

vol. 2, Sept. 1951  
Oscillating Color Sequence in Color TV (p. 18) *R. G. Peters*