

SMPTE Journal

Publication of the Society of Motion Picture and Television Engineers

TECHNICAL ARTICLES

- 673 A Recent Innovation in Digital Special Effects: The CBS "Action Track"™ System • *J. K. Moore, A. Kaiser and H. W. Mahler*
- 677 PAL Color Picture Improvement Using Simple Analog Comb Filters • *S. J. Auty, D. C. Read and G. D. Roe*
- 682 A Universal Software for Automatic Switchers • *M. W. S. Barlow and Murray Porteous*
- 684 The Use of Scale Models in the Acoustic Design of Studios • *D. J. Meares*
- 688 A New Color Attenuation System for Motion-Picture Printing • *John H. Lewis*
- 691 High-Speed Machine for Film Processing, Using a Helix-Eliminating Angle Drive System • *J. J. Galvin*
- 694 Optimizing the Compound-Reflector Framing Spotlight • *Joseph H. Labrum*

MEETING ANNOUNCEMENTS & REPORT

- 700 **120th SMPTE Technical Conference — An Update**
- 710 13th SMPTE Television Conference, 2-3 February 1979
- 710 1977 Financial Reports

STANDARDS & RECOMMENDED PRACTICES

- 700 *Approved SMPTE Engineering Committee Recommendation: ECR 1-1978, Alignment Color Bar Test Signal for Television Picture Monitors; Draft American National Standards: PH22.197, Specifications for 8-mm Type S (Super 8) Model 1 Sound Motion-Picture Film Camera Cartridge, Cartridge-Camera Interface and Take-Up Core Drive; PH22.198, Specifications for 8-mm Type S (Super 8) Model 1 Sound Motion-Picture Film Camera Cartridge Aperture, Pressure Pad and Film Position; PH22.199, Specifications for 8-mm Type S (Super 8) Model 1 Sound Motion-Picture Film Camera Cartridge Pressure Pad Flatness and Camera Aperture Profile; PH22.200, Specifications for 8-mm Type S (Super 8) Model 1 Sound Motion-Picture Film Camera Cartridge Camera Run Length, Perforation Cut-Out and End-of-Run Notch (15-m [50-Ft] Capacity)*

NEWS & DEPARTMENTS

- Forthcoming Professional Meetings, 712
- Calendar, 712
- Obituary: Henry N. Kozanowski, 714
- Section Meetings, 714
- Book Reviews, 715
- Industry News & Educational Activities, 716
- Books, Booklets, Brochures, 725
- New Products & Developments, 728
- Index to Advertisers, 746

VOLUME 87 • NUMBER 10



120th SMPTE Technical Conference
New York • 29 October–3 November 1978

OCTOBER 1978

OCTOBER 1978