

JOURNAL OF THE

SMPTE



ENGINEERING • SCIENCE • TECHNOLOGY
FOR MOTION PICTURES • TELEVISION • INSTRUMENTATION • HIGH-SPEED PHOTOGRAPHY

369 **Progress Committee Report for 1963** • RICHARD E. PUTMAN

Studio Lighting Equipment – Film – Magnetic Sound Media – Laboratory Practice – Editing–
Optical Developments and Special Effects – 16, 35 and 70mm Cameras and Projectors – Wide
Screens, Theaters – 8mm Cinematography – Nontheatrical Films – Instrumentation and High-
Speed Photography – Satellites and Relay Systems – Color Television – Pay Television – Tele-
vision Broadcasting Equipment – European Television – Africa, Republic of South Africa and
the Rhodesias – Australia, Television – Canada, Television – German Federal Republic, Motion
Pictures – German Federal Republic, Television – India – Iran – Italy – Japan – Sweden –
United Arab Republic – United Kingdom, Motion Pictures – United Kingdom, Television –
U.S.S.R – Venezuela

411 Considerations in Color Film Production for Color Television • *John M. Waner*

415 Résumés — Resúmenes — Zusammenfassungen

415 SMPTE Recommended Practices: RP 16-1964, Specifications of Tracking Control Record for
2-In. Video Magnetic Tape Recordings; RP 17-1964, A Photographic Recording Technique for
Measuring High-Speed Camera Image Unsteadiness

96th SMPTE Technical Conference • Sept. 27–Oct. 2 • Commodore Hotel, New York

News Columns

96th Conference and Equipment Exhibit, New York 419

Education, Industry News 419

BOOKS REVIEWED 434

National Electrical Code Handbook, 11th Ed., by Arthur L. Abbott, reviewed by W. R. Dohan;

Design for ETV: Planning for Schools with Television, prepared by David Chapman, Inc.;

New Building on Campus: Six Designs for a College Communications Center; Bricks and Mortar-

boards: A Report on College Planning and Building, Educational Facilities Laboratories; Indian Film, by Erik Barnouw and S. Krishnaswamy.

Section Reports 440

Abstracts 444

Employment Service 462

Journals Available/Wanted 463

Advertisers

Amega Corp. 431

Altec Lansing Corp. 444

AnSCO Div., General Aniline & Film Corp. 427

Arriflex Corp. of America 439, 453

Bach Auricon, Inc. 421

Bell & Howell Co. 424, 425

Camera Mart, Inc. 450

Camera Service Center 436

Carbons, Inc. 460

Classified 463

Eastman Kodak Co. 441

Edgerton, Germeshausen & Grier, Inc. 426

Engelhard Hanovia, Inc. 430

Fairchild Recording Equipment, Inc. 458

Filmline Corp. 459

F & B/CECO, Inc. 447, 464

General Film Laboratories 435

Gevaert Photo-Producten N.V. 445

Gryphon Co. 448, 462

Harwald Co. 456

Hills Manufacturing Co. 434

Hi-Speed Equipment Co. 422

Hollywood Film Co. 449

Philip A. Hunt Chemical Corp. 451

Hurletron, Inc. 433

Ichizuka Optical Co., Ltd. 457

Kin-O-Lux, Inc. 461

Lab-TV 463

La Vezzi Machine Works 446

Lipsner-Smith Corp. 442

Macbeth Instrument Corp. 428

Magna-Tech Electronic Co., Inc. 432

Metro/Kalvar, Inc. 459

MGM Teletudios 423

Mole-Richardson Co. 457

Moviola Mfg. Co. 455

Newman & Guardia Ltd. 438

Photo Research Corp. 452

Plastic Reel Corp. of America 437

Professional Services 454

SMPTE 440

S.O.S. Photo-Cine-Optics, Inc. 443

Strong Electric Corp. 461

Tri Art Color Corp. 429

Meeting Calendar

Polytechnic Institute of Brooklyn, IEEE, Opt. Soc. Am., 14th International Microwave Research Institute Symposium, June 8-10, Statler-Hilton Hotel, New York.

ASTM 67th Annual Meeting and 16th Materials Testing Exhibit, June 21-26, Conrad Hilton Hotel, Chicago

AICE, ASME, ISA, IEEE, Fifth Joint Automatic Control Conference, June 26-28, Stanford University, Palo Alto, Calif.

NAVA, National Convention, July 18-21, Sherman House, Chicago.

Techniques of High-Speed Photography, Dr. H. E. Edgerton, July 27-31, MIT, Cambridge, Mass.

PPA, 12th National Industrial Photographic Conference, Aug. 2-7, Conrad Hilton Hotel, Chicago.

PSA, International Convention, Aug. 16-20, Queen Elizabeth, Montreal, Canada.

UFPA, National Convention, Aug. 17-22, Oklahoma Center for Continuing Education, Univ. of Oklahoma, Norman, Okla.

SPIE, 9th Annual Technical Symposium, Aug. 24-28, Deauville Hotel, Miami Beach, Fla.

Western Electric Show and Convention (WESCON), Aug. 25-28, Sports Arena, Los Angeles.

Illuminating Engineering Society, National Technical Conference, Aug. 30-Sept. 3, Fontainebleau Hotel, Miami Beach, Fla.

American Institute of Aeronautics and Astronautics, Electric Propulsion Conference, Aug. 31-Sept. 2, Bellevue-Stratford Hotel, Philadelphia, Pa.

96th Semiannual Technical Conference of the SMPTE and Equipment Exhibit, Sept. 27-Oct. 2, Commodore Hotel, New York.

IEEE, International Congress on Instrumentation in Aerospace Simulation Facilities, Sept. 28, 29, Paris, France.

Optical Society of America, Annual Meeting, Oct. 7-9, Statler Hilton, New York.

20th Annual National Electronics Conference and Exhibition, Oct. 19-21, McCormick Place, Chicago.

IFPA, Conference of the Industrial Film Producers Association, Nov. 15-17, Walt Whitman Hotel, Camden, N. J.

AICE, Annual Meeting, Dec. 6-10, Statler Hotel, Boston, Mass.

NAB, Annual Convention, Mar. 21-25, 1965, Shoreham and Sheraton Park Hotels, Washington, D.C.

97th Semiannual Technical Conference of the SMPTE and Equipment Exhibit, Mar. 28-Apr. 2, 1965, Ambassador Hotel, Los Angeles.

98th Semiannual Technical Conference of the SMPTE and Equipment Exhibit, Oct. 31-Nov. 5, 1965, Queen Elizabeth Hotel, Montreal.

99th Semiannual Technical Conference of the SMPTE and Equipment Exhibit, May 1-6, 1966, Sheraton Park Hotel, Washington, D.C.

100th Semiannual Technical Conference of the SMPTE and Equipment Exhibit, Oct. 2-7, 1966, Ambassador Hotel, Los Angeles.

101st Semiannual Technical Conference of the SMPTE and Equipment Exhibit, May 8-12, 1967, Statler-Hilton Hotel, New York.

103rd Semiannual Technical Conference of the SMPTE and Equipment Exhibit, Apr. 22-27, 1968, Ambassador Hotel, Los Angeles.

105th Semiannual Technical Conference of the SMPTE and Equipment Exhibit, Apr. 20-25, 1969, Fontainebleau Hotel, Miami Beach, Fla.

SMPTE Officers and Committees: The rosters of the Officers of the Society, its Sections, Subsections and Chapters and of the Committee Chairmen and Members will be published in the June 1964 Journal.