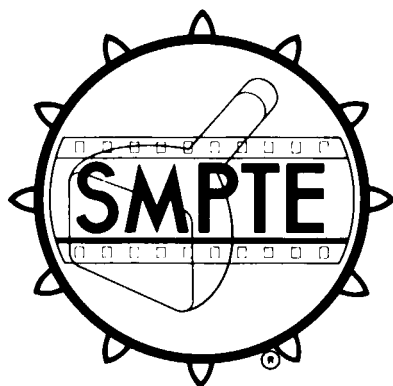


**Part II to December 1983 SMPTE Journal**

# **SMPTE Journal®**



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**SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS**

**862 Scarsdale Ave., Scarsdale, NY 10583**

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Plumbicon® red camera tubes, Amperex Electronic Corp., Dec, 1357  
Portable jib arm, CineJib, Arriflex Corp., Sept, 1010  
Remote operations panel for Sharp XC-800 camera, Sharp Electronics Corp., Feb, 222  
Video assist unit, Fries Engineering Inc., Apr, 516

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Audio consoles, 51 Series, Neve Electronics International Ltd., Jan, 144  
Control console, Mantrix™ Model 2S, Strand Century Inc., Mar, 324  
Microprocessor-based controller, Model STC-100, EECO Inc., Aug., 878  
Mixing console, Model M-50, Tascam Production Products, July, 786  
Mixing console, Model SX-S, Sonosax, Dec, 1362  
Mixing console, RAMSA Model WR-8616, Panasonic Industrial Co., June, 686  
Portable mixing console, Model JH-800, MCI/Sony, June, 688  
Program Interrupt, Model PI 2320, Broadcast Technology Inc., May, 612  
Recording console, RAMSA Model WR-8118, Panasonic Industrial Co., June, 688

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Color video correction system, Asaca/Shibasoku Corp. of America, May, 611  
Digital converter, high-resolution, DigiVision, Aug, 880  
Digital processing system, Model DPS-103, Digital Video Systems Inc., Aug, 884  
Time-base corrector, Model TBC-80, Ampex Corp., Aug, 890  
Video sequence processor, VSP™, Picture Element Ltd., Aug, 892

### Displays

Spectrum-analyzer display, Model 853A, Hewlett-Packard, Jan, 140  
Very high-resolution display, Model 521, Datacopy Corp., Mar, 340

### Editing Equipment

Color corrector, Model CCS-4200, For-A Corp. of America, Nov, 1248  
Controller/editing system, Softouch™, BTX Corp., Nov, 1248  
Editing console, Model MC-56E, The Winsted Corp., Oct, 1144  
Editing console, Model 3500E, The Winsted Corp., Nov, 1244  
Editing controller, Model VE-90A, JVC Co. of America, Apr, 525

Editing machine, Compeditor Model 710, Acmade International, Aug, 885  
Editing table, Model K-800, KEM Elektronik Mechanik GmbH, Mar, 332  
Editor, Model VE-10A, Canon USA Inc., Oct, 1126  
Film editing console, Model U/F-S16, Cinema Products Corp., Oct, 1142  
Film editing system, Model TV-2000, Research Technology International, Apr, 525  
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Video editing system, Model IVES™, EECO Inc., Nov, 1238  
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Videola, Model V-400, Magnasync/Moviola Corp., June, 694  
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### Film and Laboratory

Film cleaner, rotary buffer, Peterson Enterprises Inc., Feb, 228  
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Film processor, MiniLabmaster, Houston Fearless 76 Inc., Nov, 1252  
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Light valve, servo controlled, BHP Inc., Sept, 1011  
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Processor, Labmaster II, Houston Fearless 76, July, 788  
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Temperature control and monitoring system, ThermoScan, G and G Products, Aug, 886  
Ultrasonic film cleaner, Model CF200, Lipsner-Smith Co., Mar, 341  
Water recycling system, Pacex, Pace International Corp., Oct, 1134

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Compressor/limiter, Model 3070, Fostex Corp. of America, Mar, 326  
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Image Converter™ system, Image Transform Inc., Dec, 1357  
Information storage system, 3M Co. and NEC Corp., Oct, 1152  
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Microprocessor troubleshooter, Microdoctor, Ed Allen & Associates Inc., Oct, 1140  
Minicertifier, computer tape machine, Data Devices International, June, 692  
Mobile outdoor movie theater, Anthony Roland Films, Aug, 886  
Sequencing system, Model VMC-200, Videomedia, Mar, 330  
Tuner/timer, Model VT-10A, Canon USA Inc., Oct, 1126

Vectorscope, Model LVS-5850, Leader Instruments Corp., Oct, 1142  
Video-based training system, CAVIS, Seicon Computer Services Ltd., June, 691  
Video delay lines, Matthey DIP, Television Equipment Associates Inc., Oct, 1136  
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Video quantizer, Model 606H, Colorado Video Inc., Aug, 890  
Video screen splitter/inserter, Model VSS100, Pelco Sales Inc., July, 788

### Graphics

Computer graphics communication system, Artel Communications Corp., Sept, 1006  
Computer/video graphics system, System One, Via Video, July, 790  
Graphic equalizer, Model DG-802X, NEC America Inc., Oct, 1148  
Raster graphics display system, Model GMR 27-64, Grinnell Systems, Jan, 144  
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Raster scan image processing/computer graphics equipment, 28 Series, Grinnell Systems Corp., July, 790  
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Video imagery system, The Fantastic Animation Machine Inc., Aug, 884

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Diffraction-limited lenses, Optics for Research Inc., Dec, 1362  
ENG/EFP television camera lens, Schneider 14X, Tele-Cine Corp., Aug, 892  
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Dimmer system, Model RP-120, Theatre Techniques Inc., Nov, 1244  
Field light, Model AL-100, Osram GmbH, July, 786  
HMI daylight fixture, Molepar® Type 6221, Mole-Richardson Co., Jan, 146  
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Portable camera light, Frezzi-Lite Model FL-650, Frezzolini Electronics Inc., Feb, 232  
Portable lighting kits, DIK Series, DeSisti Americas, Nov, 1246  
Remote light-dimmer system, Comprehensive Video Supply Corp., Nov, 1246  
Spotlights, high-intensity models, Strand Century, Nov, 1246  
Tungsten correction Videokit, Rosco Laboratories Inc., Apr, 518  
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### Microphones

Microphone, Model SM631, Shure Brothers Inc., Aug, 885

Microphone mixer, MX-1002, Comprehensive Video Supply Corp., Dec, 1363  
Microphone system, AMS model, Shure Brothers Inc., July, 787

#### **Microwave Systems**

ENG microwave link, Model TVL-800-7E, NEC America Inc., Aug, 892  
Microwave link system, TVL-800-6F, NEC America Inc., Dec, 1358  
Microwave system for television relay, Model 7FB, Harris Corp., Sept, 1012  
Microwave video-audio transmitting/receiving system, ML-83/79, Ikegami Electronics (USA) Inc., Dec, 1359

#### **Monitors**

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Color television monitor, Barco VM22, Elector USA Inc., Oct, 1152  
Color video monitors, 19- and 25-in., Zenith Radio Corp., Dec, 1357  
Color video monitor/receiver, Model CT-1930V, Panasonic, Dec, 1356  
Integral monitor, Steadicam Universal Model III, Cinema Products Corp., Feb, 236  
Monitor, IDI Micro, Image Devices International, Jan, 138  
Monitors, Models ICM-214 and ICM-219, Lenco Inc., Oct, 1154  
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Monochrome video monitor, Model 12VM968, Audiotronics, July, 789  
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#### **Production Systems**

Mobile production system, Film/Video Equipment Service Co., Aug, 885  
Production system, Model ASW-50, Asaca/Shibasoku Corp. of America, June, 694

#### **Projectors**

Color television projectors, Talaria™, General Electric Co., July, 789  
Color video projector, Aquaray, Electronic Systems Products Inc., Apr, 526  
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Film viewer, Cinescan™, Research Technology International, Mar, 336  
Motion-picture projector, Prevost P-86, Xetron Corp., Nov, 1240  
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Film/video prompting system, Camraprompter, Cinema Products Corp., Jan, 146  
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#### **Pulse Generators**

Stand-alone unit combining converter and genlock master sync generator, Model PSG-412, Lenco Inc., Oct, 1134

Sync pulse generator for PAL application, Model SPG-412P, Lenco Inc., Oct, 1154

#### **Reverberation Equipment**

Device to vary decay time of reverberation device, Model DC-2, MicMix Audio Products Inc., Oct, 1130  
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Reverberation unit, Model 3180, Fostex Corp. of America, Apr, 518  
Reverb/room simulator, Model 200, Lexicon Inc., Oct, 1134

#### **Satellite Broadcasting**

Earth station controller, ESC-200, Andrew Corp., Aug, 882  
Satellite earth station, Channel Master, Oct, 1136

#### **Signal Processors**

Audio processing system, MC-Series, MICMIX Audio Products Inc., June, 690  
Delay processor, Prime Time II, Lexicon Inc., Aug, 884  
Frame synchronizer, Model 110-S, Tektronix Inc., June, 686  
Video quantizer, Model 606H, Colorado Video Inc., Aug, 890

#### **Special Effects**

Perspective/rotation accessory, Optiflex EPR-400, NEC America Inc., Oct, 1129  
Video effects system options, E-Flex, NEC America Inc., Oct, 1147  
Video image compression system, The Squeezer, Precision Echo, Mar, 326

#### **Still Store Systems**

Slide File storage system for electronic stills, Rank Cintel Ltd., June, 694  
Video still store, Model ADS-1000, Asaca/Shibasoku, May, 611  
Video still store production system, Model ESS-3, Ampex Corp., Aug, 890

#### **Switchers**

Audio/video switching system, The Horizon™, Grass Valley Group, Sept, 1012  
Production switcher, Model RVS 524, Ross Video Ltd., Aug, 885  
Routing switcher system, Series H, 3M Co., Oct, 1156  
Switcher/special effects generator, Model SF/3, ECHOLab Inc., Mar, 321  
Vertical interval switcher, Model PSW-469, Lenco Inc., Aug, 892  
Video production switcher, Model RVS-517, Ross Video Ltd., Dec, 1363  
Video switcher/editor interface, Model 390, Shintron Co. Inc., Dec, 1356

#### **Telecines**

Programming system for MKIII telecines, Amigo, Rank Cintel Ltd., Sept, 1013  
Telecine camera, Model TK-290, RCA Commercial Communications Systems Div., Aug, 882  
Telecine control system, Prefix, Marconi Communications Systems, Feb, 220  
Telecine analysis film, Eastman Kodak Co., Aug, 876  
Telecine film transport equipment, Athena 16mm, I-W International, Aug, 892  
Telecine system, solid-state, Rank Cintel Ltd., Sept, 1006

#### **Television Systems**

Closed-circuit television, Model 1610, Cohu Inc., Mar, 321  
Underwater color television system, Marine Optical Systems Inc., Dec, 1354

#### **Test Equipment**

Amplitude analyzer, Model 6500, Marconi Instruments, July, 787  
Camera tube test equipment, EEV Inc., Apr, 518  
CCTV test-pattern generators, Signal Source Models 1202, 1212, and 1222, Visual Information Institute Inc., May, 611  
Modulation meter, Model 2305, Marconi Instruments, Feb, 224  
Oscilloscopes, Models 1745A and 1746A, Hewlett-Packard, Mar, 326  
Refractive index test set, Boston Electronics Corp., Dec, 1360  
RGB color TV test pattern generator, Signal Source 1204A, Visual Information Institute Inc., Dec, 1364  
Signal Source 1206A, Visual Information Institute Inc., June, 690  
Spectroradiometers, Models PR-705B and PR-710B, Kollmorgen Corp., Aug, 886  
Spot Spectra-Scan system, Model PR-710/AM, Kollmorgen Corp., Sept, 1014  
Test monitor, PAL 381, Tektronix Europe B.V., Feb, 222  
Test signal generator, Model CB53A1, Asaca/Shibasoku Corp. of America, Mar, 330  
Test signal generator and VITS inserter, Model 1910, Tektronix Inc., June, 689  
TV-Color Analyzer II, Minolta Corp., Sept, 1014  
Video collimator, Mitchell Camera Corp., Mar, 328  
Videotape evaluator, Television Equipment Associates Inc., Apr, 516  
Videotape evaluator/cleaner, Model VT3100, Research Technology International, Feb, 230

#### **Time-Code Readers/Generators**

Time-code generator, Model PTG-560, EECO Inc., Mar, 332  
Time-code reader, Model TCR-3500, FOR-A Corp. of America, Oct, 1140  
Time-code reader/re-generator, Audio + Design Recording Inc., Dec, 1359

#### **Transmission Systems**

Audio link, PAL, HMS Electronics Inc., July, 787  
Dual-channel audio, Wavelink™ Model 3291, Grass Valley Group, Inc., Sept, 1004  
Transceiver, digital Model 285C, Colorado Video, Sept, 1008  
Transceiver, Model TR1000, American Photonics Inc., Jan, 142  
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Transmission products, Wavelink™ fiber optic, Grass Valley Group Inc., Feb, 222  
Transmission system, fiber-optic Model 1400, Quante Corp., Dec, 1358  
Transmission system, Model SL-2000, Artel Communications Corp., Feb, 222  
VHF transmitters, FBN-9000E Series, NEC America Inc., Dec, 1358

#### **Tripods, Mounts, and Heads**

Bilora tripod, Comprehensive Video Supply Corp., Aug, 886  
Camera head, Mini-Worrall, Cinema Products Corp., Oct, 1130  
Camera stabilization device, Helico IIa, Image Devices International, Aug, 892  
Fluid head for ENG/EFM cameras, QuickSet Inc., Aug, 886  
Pan-and-tilt pedestal, W. Vinten Ltd., June, 696  
Sky-cam extension for Tulip Crane, Matthews Studio Equipment Inc., July, 788  
Television camera platform, JLG Industries Inc., Dec, 1355



Jefferies, Alan, (see Bryce McCirrick)  
 Kampschroer, James, joins Excalibur Video Systems Inc., Aug, 876  
 Kleffman, Donald V., assigned to Ampex Corp. International Division, May, 602  
 Koch, William A., Eastman Kodak Co., speaks at 1983 Manila International Film Festival, May, 594  
 Koch, William A., elected Eastman Kodak vice-president, Feb, 216  
 Lagore, Joseph A., appointed vice-president, marketing, Sony Corp. of America, Nov, 1230  
 LaVeZZi, Albert J., appointed president, LaVeZZi Machine Works Inc., Jan, 122  
 Lawrence, Richard, appointed director of marketing, Harris Corp., Sept, 992  
 Lolis, John T., named SMPTE quality control engineer, Dec, 1341  
 Manahan, Robert, appointed regional manager, Sony Broadcast Products Co., Jan, 124  
 Masse, Daniel F., appointed vice-president, engineering, ADDA Corp., May, 602  
 McCirrick, Bryce, BBC, and Alan Jefferies, UNISAT, sign Heads of Agreement to provide two DBS channels for the BBC, June, 678  
 McDonough, John, appointed Eastman Kodak regional sales manager, Feb, 216  
 Myers, Anita, appointed *SMPTÉ Journal* assistant editor, Oct, 1108  
 Olsen, Richard K., appointed field applications engineering manager for TRW ISI Products, Feb, 217  
 Powers, William, named southeast regional manager, Sony Broadcast Products Co., Feb, 217  
 Reichard, Edward H., engineering consultant, Aug, 874  
 Sadashige, Koichi, appointed general manager, Audio Video Systems Division, Panasonic Industrial Co., May, 602  
 Sanders, Mark L., promoted to division vice-president, Ampex Corp., Nov, 1230  
 Schmidt, Gary C., joins Artel Communications Corp., Aug, 874  
 Scobey, Fred, appointed senior vice-president, international technical operations, Technicolor Film Laboratories, Aug, 874  
 Shelton, S. Martin, elected Associate Fellow, Society for Technical Communications, June, 680  
 Sirinsky, Richard, appointed director of sales development, Ampex Corp., Jan, 122  
 Smith, Clyde W., named president of Fibervision Division, Math Associates Inc., June, 680  
 Solow, Sidney, named consultant for Fuji Photo Film U.S.A., July, 783  
 Spence, John, Eastman Kodak Co., speaks at annual IFPA Conference, Feb, 216  
 Stueker, Howard, appointed sales engineer, Sony Broadcast Co., Oct, 1114  
 Sweeney, Hartwell T., re-elected president of CINE, Oct, 1114  
 Taylor, Craig, appointed sales engineer for Sony Broadcast Products Co., Feb, 217  
 Vander Dussen, Neil, appointed president, Sony Consumer Products Co., Nov, 1230  
 Weinschenk-Taberbero, Pablo, retires from SMPTE, Oct, 1106  
 Williams, Alan L., appointed Eastman Kodak regional director, Feb, 216  
 Williams, Dr. Frederick, to speak at ITVA Annual Conference, Apr, 512  
 Wood, James, appointed special products manager, JVC Co. of America, Aug, 874  
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Theater Test	RP 35-1969	June 1969	
	R1977		
35mm Buzz-Track	RP 68-1976	Mar. 1977	
Flutter	RP 97-1981	Sept. 1981	
Projector Alignment	RP 40-1971	Aug. 1971	
	R1977	May 1982 <sup>1</sup>	
Anamorphic Attachments	RP 110-1983	Sept. 1983	
Projector Test	RP 33-1968	Dec. 1968	
	R1977		
Scanning Beam	RP 69-1977	Aug. 1977	
Sound Focusing	RP 64-1981	July 1982	
Theater Test	RP 35-1969	June 1969	
	R1977		
70mm Projector Alignment	RP 91-1981	Sept. 1981	
Magnetic			
Super 8 Azimuth Alignment	RP 61-1983	Aug. 1983	
Flutter	RP 62-1975	May 1976	
		May 1983 <sup>1</sup>	
Multifrequency	RP 92-1980	Apr. 1981	
16mm Azimuth Alignment	RP 78-1978	Aug. 1978	
		Apr. 1983 <sup>1</sup>	
Flutter	RP 76-1977	July 1978	
		Apr. 1983 <sup>1</sup>	
Multifrequency	RP 90-1979	Jan. 1980	
35mm Azimuth Alignment	RP 77-1978	Aug. 1978	
4-Track	RP 80-1977	June 1978	
		Nov. 1983 <sup>1</sup>	
Flutter	RP 75-1977	July 1978	
		June 1983 <sup>1</sup>	
4-Track	RP 79-1977	June 1978	
		June 1983 <sup>1</sup>	

### Video Magnetic Tape Recording

Digital Control Interface Electrical and Mechanical Characteristics	PH22.207M	Sept. 1982 <sup>2</sup>	
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Subject	No.	Journal	Subject	No.	Journal
Supervisory Protocol	RP 113	Sept. 1982 <sup>2</sup>	Dropout Detection	RP 47-1972	Dec. 1972
Tape Care and Handling	RP 103-1982	Oct. 1982		R1978	
Helical Scan			Dual-Program Audio	RP 89-1978	Mar. 1979
Code, Time and Control,			Headwheel and Guides	RP 36-1978	Feb. 1979
Recording Requirements	RP 93-1980	Apr. 1981	Labels	RP 26-1981	Apr. 1982
Raw Stock, Reference Tape	V98.26M-1982	Mar. 1983	Leader, Monochrome	V98.2-1982	Dec. 1982
Reels, 1-in	V98.24M	July 1980 <sup>2</sup>	Color	V98.9-1983	Sept. 1983
Tape, 1-in	V98.25M-1982	Mar. 1983	Modulation Practices	RP 6-1979	Jan. 1980
Type B 1-in			Patch Splices	RP 5-1982	Jan. 1983
Basic Parameters	C98.15M-1980	Apr. 1980	Records, Characteristics of		
Carrier Frequencies			Audio	V98.3-1980	July 1981
and Pre-emphasis	RP 84-1980	Apr. 1980	Record Dimensions, Video,		
Dropout	RP 121	May 1983 <sup>2</sup>	Audio and Tracking Control	V98.6-1981	Oct. 1981
Frequency Response			Record, Tracking Control	RP 16-1982	July 1983
and Operating Level	C98.17M-1980	Apr. 1980	Reels, 2 in.	C98.5-1970	Feb. 1971
Record Dimensions	C98.16M-1980	Apr. 1980		R1976	
Reference Tapes			1/2 in	C98.14-1975	Mar. 1976
Video and Audio	RP 107-1982	June 1983		R1981	
Record			Speed	V98.4-1983	Sept. 1983
Dimensions	V98.30M-1982	May 1983	Spools, Cartridge	V98.13-1981	Oct. 1981
Recorder			Labels	RP 60-1975	May 1975
Parameters	V98.29M-1982	May 1983		R1980	
Tracking-Control Record	RP 83-1980	Apr. 1980	Tape Dimensions	C98.1-1978	Aug. 1978
Type C 1-in			Tape Vacuum Guide	RP 11-1968	Aug. 1968
Basic Parameters	V98.18M-1983	Nov. 1983			July 1983 <sup>2</sup>
Dropout	RP 121	May 1983 <sup>2</sup>	Tape Usage, Cartridge/ Cassette Spools	EG 6-1982	Mar. 1983
Frequency Response			Test Tapes		
and Reference Level	C98.20M-1979	Feb. 1980	Multifrequency		
Record Dimensions	C98.19M-1979	Feb. 1980	15 in/s	V98.8-1982	Feb. 1983
		Oct. 1982 <sup>1</sup>	7.5 in/s	V98.11-1982	Feb. 1983
Recorder Parameters	RP 86-1979	Feb. 1980	Video Frequency,		
Reference Tapes			15 in/s, HB	RP 43-1975	June 1976
Interchange	RP 100-1983	Dec. 1983			Sept. 1982 <sup>1</sup>
Video and Audio	RP 99-1983	Dec. 1983	Vertical Interval		
Record Dimensions	V98.28M-1983	Dec. 1983	Signal	RP 57-1974	Jan. 1975
Recorder Parameters	V98.27M-1983	Dec. 1983		R1980	
Tracking-Control Record	RP 85-1979	Feb. 1980	Time and Control Code	RP 108	Sept. 1981 <sup>2</sup>
Type E 3/4-in					
Carrier Frequencies,					
Pre-emphasis, Audio					
and Control Signals	RP 87-1980	May 1980			
Cassette Dimensions	C98.22M-1980	May 1980			
Receiver/Monitor					
Test Tape	RP 96-1983	Nov. 1983			
Record Dimensions	C98.21M-1980	May 1980			
Small Cassette	V98.31M-1983	Nov. 1983			
Type F 1/2-in					
Carrier Frequencies and					
Pre-emphasis	RP 88-1980	May 1980			
Records and					
Parameters	C98.23M-1980	May 1980			
Type G 1/2-in					
Carrier Frequencies, Pre-emphasis,					
Audio and Control Signals	RP 119	Apr. 1983 <sup>2</sup>			
Cassette and Tape	V98.35M	Apr. 1982 <sup>2</sup>			
Receiver/Monitor					
Test Tape	RP 96-1983	Nov. 1983			
Records	V98.34M	Apr. 1983 <sup>2</sup>			
Type H 1/2-in					
Carrier Frequencies, Pre-emphasis,					
Audio and Control Signals	RP 112	July 1982 <sup>2</sup>			
Records	V98.32M	July 1982 <sup>2</sup>			
Tape and Cassette	V98.33M	July 1982 <sup>2</sup>			
Receiver/Monitor					
Test Tape	RP 96-1983	Nov. 1983			
Quadruplex					
Audio 2 Level/Response	RP 102-1981	Jan. 1982			
Code, Time and Control	V98.12M-1981	Aug. 1981			
Recording Requirements	RP 101-1981	Jan. 1982			

### MISCELLANEOUS

#### Cartridge, Super 8 Camera

Notches	PH22.166-1981	Nov. 1981
Silent		
50 Ft.		
Model I		
Aperture, Profile, Pressure		
Pad, Film Position	PH22.159.2-1980	Nov. 1980
Camera Run Length,		
Perforation Cut-Out,		
End of Run Notch	PH22.200M-1982	Aug. 1983
Cartridge, Cartridge-		
Camera Interface,		
Take-Up Core Drive	PH22.159.1-1980	Feb. 1981
Model II		
Cartridge, Cartridge-Camera		
Fit, Core	PH22.190M-1982	June 1983
Film Length,		
Camera Run	PH22.188M-1982	June 1983
Position	PH22.189M-1982	June 1983
Speed, Color Balance,		
Identification	PH22.191M-1982	June 1983
Sound		
50 Ft.		
Model I		
Aperture, Pressure Pad,		
Film Position	PH22.198-1980	Aug. 1980
Camera-Run Length,		
Perforation Cut-Out,		
End-of-Run Notch	PH22.200M-1982	Aug. 1983

Subject	No.	Journal
Cartridge, Cartridge-Camera Interface, Core Drive	PH22.197-1980	Aug. 1980
Pressure Pad Flatness, Aperture Profile	PH22.199-1980	Aug. 1980
200 Ft. Model I Aperture, Profile, Film Position, Pressure Pad, Flatness	PH22.206-1982	Apr. 1983
Camera-Run Length, Perforation Cut-Out, End-of-Run Notch	PH22.200M-1982	Aug. 1983
Cartridge, Cartridge-Camera Interface, Core Drive	PH22.205-1982	Apr. 1983

### Conference

Audio Reinforcement	EG 4-1982	Mar. 1983
Projector	ECR 3	June 1979 <sup>2</sup>

Cores for Raw Stock Film	PH22.37-1975	Oct. 1975
	R1981	

### Density Measurements

Calibration of Densitometers	RP 15-1982	Dec. 1982
Spectral Diffuse	PH22.117-1968	Mar. 1969
	R1979	

### Edge Numbering

16mm Film	PH22.83-1972	Dec. 1972
	R1978	
16mm Release Prints	RP 54-1974	July 1974
	R1979	

### Electro-Acoustic Response

Control Rooms and Theaters	PH22.202	Jan. 1979 <sup>2</sup>
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### Emulsion Orientation

Print Winding	RP 39-1970	Apr. 1970
	R1982	
Raw Stock Winding	PH22.75-1975	Mar. 1976
	R1982	

### Film Length, 8mm Camera Spool

(25 ft Capacity)	PH22.143-1975	Feb. 1976
	R1981	

Graph Paper	RP 22-1966	Dec. 1966
	R1976	Sept. 1980 <sup>2</sup>

### Image Quality

70, 35, 16mm	EG 5-1982	Mar. 1983
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### Jump and Weave

70, 35, 16mm	RP 105-1981	June 1982
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### Leaders

Preprint, 8mm	RP 49-1973	Mar. 1973
	R1979	
Universal	PH22.55-1975	Mar. 1976
		Feb. 1982 <sup>1</sup>

Subject	No.	Journal
<b>Lenses</b>		
Aperture Calibration	PH22.90-1964	June 1964
	R1977	
Focal Lengths, Markings, 35 and 70mm	PH22.28-1982	Nov. 1982
Focus Scales, 16mm and 8mm Cameras	PH22.74-1965	May 1965
	R1981	

### Lens Mounts

16mm and 8mm Cameras	PH22.76-1960	Feb. 1960
	R1979	

### Lubrication

16 and 8mm Prints	RP 48-1973	Mar. 1973
	R1979	Nov. 1983 <sup>1</sup>

### Nomenclature

Cartridge/Cassette	RP 58-1974	Jan. 1975
	R1980	
Film	PH22.56-1978	Nov. 1978

### Notching

Scene Change, 35mm	RP 53-1974	July 1974
		Aug. 1982 <sup>2</sup>

Raw Stock Identification	PH22.184-1973	Nov. 1973
	R1980	

Container Edge	ECR 2-1979	Sept. 1979
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### Reels

Regular 8	PH22.23-1975	Apr. 1976
	R1981	
Super 8	PH22.160-1977	July 1983 <sup>2</sup>
		Feb. 1983 <sup>2</sup>
75mm	PH22.212M	Aug. 1983 <sup>2</sup>
16mm	PH22.11-1981	Feb. 1982
35mm	PH22.4-1976	Apr. 1977
		Feb. 1983 <sup>2</sup>
Large Capacity	PH22.193-1976	Apr. 1977
Shipping	PH22.192-1976	Apr. 1977
70/35 mm	PH22.147-1976	Apr. 1977

Reversal Color Film Speed	PH22.146M-1980	May 1981
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Safety Film	PH22.31M-1980	July 1981
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### Screens

<b>Gain</b>		
Determination	RP 94-1980	June 1981
Installation	RP 95-1980	June 1981
<b>Luminance</b>		
Drive-in Theaters	RP 12-1972	Dec. 1972
	R1980	Aug. 1982 <sup>2</sup>
Indoor Theaters	PH22.196-1978	Aug. 1978
Measurement	RP 98-1981	Sept. 1981
Review Rooms, 8 mm	RP 51-1974	May 1974
	R1979	
Slides and Film Strips	RP 59-1975	May 1975
	R1980	

Subject	No.	Journal
<b>Sensitometric Strips</b>	<b>RP 14-1982</b>	Dec. 1982
<b>Spindles</b>		
Super 8 Projector	<b>RP 50-1974</b> <b>R1979</b>	May 1974
16mm Camera	<b>RP 24-1967</b> <b>R1978</b>	July 1967
16mm Projector	<b>RP 34-1968</b> <b>R1978</b>	Dec. 1968
35mm Rewind	<b>RP 21-1982</b>	Jan. 1983
<b>Splices</b>		
16 and Regular 8	<b>PH22.24-1982</b>	Aug. 1982
Super 8		
Cemented	<b>PH22.172.1-1969</b>	Mar. 1970
Withdrawn 1983	<b>R1975</b>	Sept. 1983 <sup>1</sup>
.....	<b>RP 122</b>	June 1983 <sup>2</sup>
Tape	<b>PH22.172.2-1976</b>	Dec. 1976
Withdrawn 1983		Sept. 1983 <sup>3</sup>
.....	<b>RP 123</b>	June 1983 <sup>2</sup>
70, 65 and 35 mm	<b>RP 111-1983</b>	Sept. 1983
70mm reinforcement	<b>RP 23-1979</b>	Jan. 1980
<b>Spools</b>		
8mm, 25-ft capacity	<b>PH22.107-1975</b> <b>R1981</b>	Feb. 1976
Double 8, 100-ft capacity	<b>PH22.173-1975</b> <b>R1981</b>	Feb. 1976
16mm, Daylight-Loading, 50- to 400-ft capacity	<b>PH22.174-1981</b>	Mar. 1982

Subject	No.	Journal
<b>Sprockets</b>		
Regular 8	<b>RP 73-1977</b> <b>R1983</b>	Jan. 1978
Super 8	<b>RP 55-1974</b> <b>R1979</b>	Jan. 1975
16mm	<b>RP 74-1977</b> <b>R1983</b>	Jan. 1978
35mm	<b>PH22.35-1982</b>	Nov. 1982
<b>Studio Lighting</b>		
Pivot and Holders	<b>RP 124</b>	July 1983 <sup>2</sup>
<b>Synchronization</b>		
Sound-picture	<b>RP 25-1968</b> <b>R1978</b>	Mar. 1968
<b>Tension</b>		
35mm Systems,	<b>RP 106-1982</b>	Oct. 1982
<b>Test Methods, Sound Distortion</b>		
Cross Modulation, Variable- Area	<b>RP 104-1981</b>	June 1982
Intermodulation, Variable- Density	<b>PH22.51-1961</b>	July 1961
Withdrawn 1983	<b>R1975</b>	Sept. 1983 <sup>3</sup>
<b>Unsteadiness</b>		
High-Speed Camera	<b>RP 17-1964</b> <b>R1982</b>	May 1964

R Reaffirmed.

<sup>1</sup> Proposed editorial revision.

<sup>2</sup> Proposal.

<sup>3</sup> Withdrawal notice.