

24 September-30 November 1979
World Administrative Radio Conference,
Geneva, Switzerland. Info from Union Internationale des Télécommunications, Place des Nations, 1211 Geneva 20, Switzerland.

October 1979
European Colloquium on Audiovisual Equipment for Use in Education, Belgrade, Yugoslavia. Info from A. H. Crocker, National Audiovisual Aids Centre, 254 Belsize Rd., London NW6 4BY, England. (See *Journal*, p. 348, May 1979.)

12-14 October 1979
Insights '79 (audiovisual and multimedia), Atlanta, Ga. Info from Atlanta Audiovisuals, 32 Peachtree St., Suite 711, Atlanta, GA 30303.

14-19 October 1979
Audiovisual Institute for Effective Communications, Indiana University, Bloomington, Ind. Info from NAVA Institute, 3150 Spring St., Fairfax, VA 22031. (See above.)

15-19 October 1979
Course on Digital Image Processing of Earth Observation Sensor Data, George Washington University, Washington, D.C. Info from Continuing Engineering Education, George Washington University, Washington, DC 20052.

29-31 October 1979
World Energy Engineering Congress, Atlanta, Ga. Info from Association of Energy Engineers, 464 Armour Circle, N.E., Atlanta, GA 30324.

1 December 1979
SMPTE Chicago Section Midwinter Symposium, Chicago. Info from Edward J. Blasko, Eastman Kodak Co., 1901 W. 22 St., Oak Brook, IL 60521.

9-14 January 1980
NAVA Convention and Exhibit, Georgia World Congress Center, Atlanta, Ga. Info from NAVA Convention, 3150 Spring St., Fairfax, VA 22031.

24-28 March 1980
Eurocon 80, Stuttgart, Germany. Info from Eurocon Chairman, Prof. Dr. W. E. Proebster, IBM Deutschland GmbH, Postfach 80 08 80, D-7000, Stuttgart 80, West Germany. (See *Journal*, p. 520, July 1979.)

17-19 June 1980
Eurocomm 80, Bella Center, Copenhagen, Denmark. Info from Bella Center A/S, Center Boulevard, DK-2300 Copenhagen S, Denmark. (See above.)

12-18 September 1980
Photokina, Cologne, Germany. Info from Messe- und Ausstellungs GmbH, Köln Postfach 21 07 60, D-5000, Cologne 21, Germany. (See *Journal*, p. 520, July 1979.)

20-24 September 1980
International Broadcasting Convention, Metropole Conference and Exhibition Centre, Brighton, England. Info from IBC Secretariat, IEE, Savoy Place, London WC2P OBL, England. (See above.)

New Sustaining Members

Amperex Corp., Providence Pike, Slatersville, RI 02876, (401) 762-3800

Amperex Electronic Corporation, a North American Philips company, is the only manufacturer of the lead oxide Plumbicon® television camera tube in the United States. In cooperation with the development capabilities of the research facilities of N.V. Philips of The Netherlands, the development facilities of Amperex are capable of keeping up with the changing needs of the American television industry. During the last year, Amperex introduced a new concept in television pickup tubes—a 1-in "Diode Gun" (Patent Pending) Plumbicon. Further development has led to the introduction of two new and improved 2/3-in Plumbicon tubes designed to optimize electronic newsgathering (ENG) and electronic field production (EFP).

Address inquiries to: David P. Mitteldorf.

Chromakit, C.A., 2da. Ave. Santa Eduvigis Qta. Taxco, Caracas, Venezuela

Chromakit, C.A. is a recently established videotape production house specializing in television commercials, documentaries, educational aids and special effects. Working in videocassettes (Sony U-Matic), brand new facilities include a control room with a Rutt Etra RE-4 video synthesizer for special effects and electronic animation, a cyclo studio, sound recording and dubbing studio with 35 & 16 projection equipment, film to tape transfer facilities, Ikegami HL-II cameras, complete lighting and grip equipment including a 50-kW blimped generator. The company maintains a fixed personnel of skilled technicians composed of director, director of photography, video operators, editors, electricians, grips and a complete pre- and post-production department.

Address inquiries to: the address above.

Gray Engineering Laboratories, Inc., 504 W. Chapman Ave., Suite O, Orange, CA 92668, (714) 997-4151

Gray Engineering Laboratories was established in 1957 as a partnership and was incorporated in 1978. It has been involved in design and development of electronic equipment for the professional entertainment industry since 1972 and has been manufacturing its own line of SMPTE time code editing equipment since that time.

Products produced include time code generators, readers, character generators, code comparators, user bit modifiers and code displays.

Address inquiries to: the address above.

3M Company, 3M Center, St. Paul, Minnesota 55101, (612) 733-1110

3M is a diversified worldwide manufacturer and marketer of high-quality products based on a growing number of technologies and capabilities. It is an integrated company characterized by substantial division autonomy reflected in the diversity of its more than 45 major product lines, as well as in the pursuit of research, manufacturing and marketing excellence. More specifically: **Magnetic Audio/Video Products Division** manufactures and markets a complete line of blank audio, quadruplex and helical video magnetic tapes, car-

tridges and cassettes, magnetic film, and a complete line of audio and video tape accessory items. *Markets:* Retail, Commercial & Educational, Broadcast Recording & Federal Government. *Distribution:* Sales to Retail, Broadcast Recording, Commercial & Educational and Government Markets combine direct and distributor/dealer selling organizations. Chief Executive Officer, Ray Herzog; President, Lewis Lehr; Group Vice President, Dan Denham; Division Vice President and General Manager, John Povolny; Division Marketing Director, Bill Madden.

Address inquiries to: 3M Company, 3M Center, at the address above.

Pioneer Marketing Corp., 1021 N. Lake St., Burbank, CA 91502, (213) 843-0530

Excellence in electronic and mechanical design are characteristic of the products manufactured and marketed by Pioneer Marketing Corporation. Pioneer is an international company which specializes in Super 8mm, 16mm, 35mm and 70mm optical effects printers, animation cameras and stands, film strip equipment, photometers, additive and attenuation light sources, focusing devices, liquid gates, film cleaners and a variety of other special effects and laboratory equipment. Our integrated design and manufacturing facilities also provide us the flexibility to develop special products and film handling devices for the motion-picture industry and related fields. Many of our products have been innovative enough to be patented and some have been awarded Academy Citations for technical excellence while satisfying a demanding technical application. Pioneer's Photo Instrumentation Division specializes in custom design and OEM equipment manufacturing. Products include Super 8mm, 16mm, 35mm and 70mm pin-registered film transports, projectors for planetarium use, stop-motion analysis and simulation, capstan driven film mechanisms, computer controlled special effects and live action cameras and a host of other special purpose film handling equipment employing the latest in electronic and mechanical technologies.

Address inquiries to: the address above.

Toei Chemical Industry Co., Ltd., 8-9-1, Kokuryomachi, Chofushi, Tokyo, Japan. Tel: Tokyo (489) 0191

Established in 1959 as Koni Color system laboratory, Toei Chemical Industry Co., Ltd., provides a complete motion-picture laboratory service in 35mm, 16mm, and super-8 color and black-and-white for theatrical, television, educational, commercials, and industrial usage. Our laboratory has modern equipment that includes Acme and Oxberry optical special-effects printers fitted with aerial image and liquid gates. Hazeltine electronic color film analyzers, Bell and Howell additive color printers, HF Photo systems, and Photomec processors, etc., and so it has the capacity for developing and printing to meet all possible market demands. Toei Chemical Industry Co., Ltd., one of the subsidiary companies of Toei Co., Ltd., is undertaking all printing and developing jobs for Toei Co., Ltd., and at the same time it is doing so for many other companies, interior and foreign.

Address inquiries to: the address above.

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