

22-24 February 1977

Optical Soc. of America meeting — Topic: Optical Fiber Transmission II. Williamsburg, Va. Info from Optical Soc. of America, 2000 L Sr., N.W., Washington, DC 20036

3-10 June 1977

International Television Symposium and Technical Exhibition, Montreux, Switzerland. Info from Raymond Jaussi, International Television Symposium, P.O. Box 97, CH-1820, Montreux, Switzerland. (See *Journal*, p. 592, July 1976)

10-15 July 1977

Color 77, Third Congress of the International Colour Assn. (Assn. Internationale de la Couleur), Rensselaer Polytechnic Institute, Troy, N.Y. Info available from Fred W. Billmeyer, Jr., Dept. of Chemistry, MRC Room 217, Rensselaer Polytechnic Institute, Troy, NY 12181 (See *Journal*, p. 38, January 1976.)

11-15 July 1977

Film 77, Grosvenor House, London. Info available from William Pay, Secretary, BKSTS, 110-112 Victoria House, Vernon Pl., London WC1B 4DJ, England (See *Journal*, p. 989, December 1975.)

16-21 October 1977

SMPTE 119th Technical Conference and Equipment Exhibit, Century-Plaza Hotel, Los Angeles. Info from SMPTE Headquarters.

Industry News & Educational Activities

Indian Film Industry: A Brief Survey

India produces some 450 feature films each year as well as a weekly newsreel and some 200 documentaries all of which are shown in some 7000 Indian theaters. Films produced in India are shown also in Burma, Ceylon, and some other countries in the Middle East as well as in the newly created independent states in Africa. Some motion pictures produced in India are shown also in the USSR, in the United Kingdom and in the United States.

The success of Indian feature pictures within India seems to be largely dependent upon sound, the average Indian being extremely aware musically. He insists upon at least half a dozen songs in each feature picture whether or not the picture is categorized as a "musical." The average Indian will see a picture, not once but several times if he likes its songs. The musical awareness of Indians is responsible for the early introduction of such top-level sound systems as those manufactured by RCA Corp. and (quite early) by Westrex.

India first experimented with the bipack color system, using it for two early feature pictures, but as early as 1949, the industry was well on the

way toward the use of the tripack method, producing color pictures processed entirely on Indian-made machines.

Today no black-and-white pictures are being made in West Coast studios where the all-India pictures are made, i.e. pictures in the Hindi language which is understood (although not invariably spoken) by 80% of the people in India. Regional pictures in other languages are also slowly going over to color for the reason that theater managers will book only color pictures. Eight major laboratories and two smaller ones are now processing color films.

Indian technicians have adopted Western methods according to the financial ability of their employers and they give their best to both the picture and the sound.

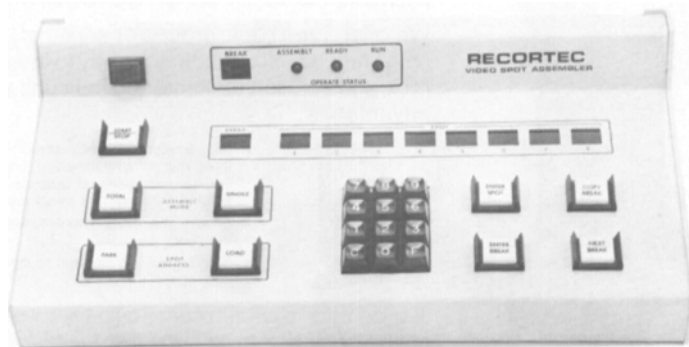
Indian Television

Indian Television, at present restricted to black-and-white and broadcast through only seven stations, relies for its existence on the film industry. Feature pictures and interviews of prominent film personalities are the main attraction.

The Indian technician does not pretend to be

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a "know-all," but attempts continually to add to his store of knowledge. He carries on a certain degree of research but only if related to his immediate needs. Information gained from the *SMPTE Journal* must often be modified in view of the non-availability of certain raw materials. Stringent import regulations prevent him from obtaining these materials from other countries so he directs most of his research into finding substitute materials. That he has succeeded in doing so is a credit to the Indian technician, but this knowledge is of only limited applicability.

The Indian technician obviously needs money for research which, in many instances, his employer is reluctant to part with, although such research would be of benefit not only to the Indian industry but to countries much less knowledgeable in western techniques. The overall picture, however, of the Indian motion-picture industry is encouraging — the artistic quality of certain Indian feature pictures has gained worldwide recognition. — *Krishna Gopal* (Director, Processlabs Pvt., Ltd., Bombay 400068, India).

The Kobayashi Scholarship Program providing \$10,000 annually for three years for students studying various aspects of photography in American institutions has been established by Fuji Photo Film Co., Ltd., of Japan it was announced by Fred M. Nakamura, Executive Vice-President of Fuji Photo Film U.S.A., Inc. The scholarship program was established to honor Setsutaro Kobayashi, Chairman of the Board of Fuji Photo Film.

In announcing the scholarship program Nakamura said, "This award is a gesture of in-

ternational goodwill and of gratitude to those people who have helped build our industry. It seemed to us that the best way to celebrate the past is to help create the future — in this case through scholarships for the young people who will soon take their places in our industry."

Four schools have been selected to receive scholarships for their students who will be selected by the college officials: Rochester Institute of Technology; Brooks Institute of Photography; St. Cloud State College; and the Journalism School at the University of Missouri.

The pirating of copies of software recorded on Betamax videocassette tapes can now be prevented by a system developed by Sony Corp. (Tokyo) to eliminate just such illegal copying, according to a recent announcement. The system is incorporated in the printer at the copy-producing center which mass-produces prints of Betamax software videocassettes for commercial use. The equipment dub-proofs the videocassette prints so that the utility of the Betamax system can be more fully expanded. A videocassette print produced through this system will provide a playback image no different from that obtained from ordinary Betamax videocassettes but if it is recorded through some other Betamax, the image from such a copy will not be normal, the announcement explained. For this reason, the dubbed copies of the pirated software cannot be marketed. Since Sony introduced the U-Matic and Betamax videocassette systems there has been an increase in recorded software. Aware of some pirated video copies, Sony developed a system to protect the copyrights of software producers.

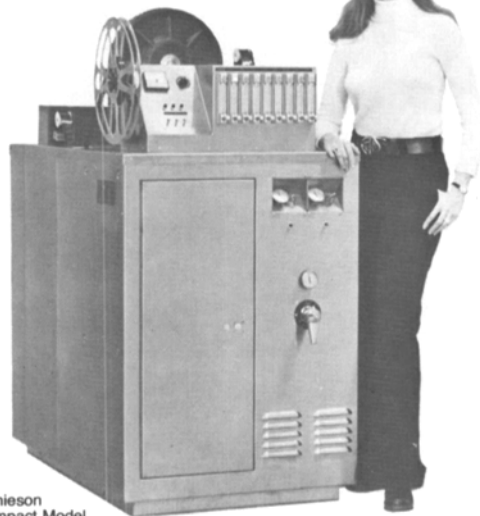
Goldmark Communications Corp., 98 Commerce Rd., Stamford, CT 06904, has announced construction of a 12,000 ft² facility in Stamford to house under one roof certain of its operations including the Transcan Division (*Journal*, p. 328, Apr. 1974); RTS (Rapid Transmission and Storage) (*Journal*, p. 179, March 1976); and the Skew Projector project (*Journal*, p. 540, June 1974).

The Transcan Division provides the motion-picture industry and cable TV operators with magnetic videotape cassettes that can be transferred electronically by a patented method from wide screen motion-picture programs for television viewing.

The RTS system is designed to transmit pictures and sound at extremely high speeds for over-the-air broadcasting by satellite or cable TV. It can provide storage and playback over ordinary TV sets in the home or in a learning center.

The Skew Corrector is an electronic device that eliminates picture distortion in videocassette players.

A huge new distribution center and product testing facility is being constructed by **Sony Corp. of America** at the Air World Center in Kansas City, Mo. The building will cover 200,000 ft² on a site of 13 acres and additional acreage has been reserved for future expansion. About 100 people will be employed in two divisions at the new facility. One division will supervise the warehousing and distribution of consumer and commercial products and a second division will be responsible for the quality of the products using stringent testing guide lines. The building will be completed in 1977.



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Kansas City is the fourth city in the United States in which Sony will have a major distribution center. The firm has large centers in New York, Chicago and Los Angeles with smaller facilities in some other cities. When the Kansas City unit is in operation the company will have more than 800,000 ft² of warehouse space in the United States. The firm has also a manufacturing plant in San Diego which produces more than 30,000 Trinitron color TV sets monthly. It also assembles compact stereo music systems and Sony's Betamax home video/TV systems. Sony headquarters in New York City are at 9 W. 57 St., New York, NY 10019.

Instrumentation Marketing Corp., 820 S. Mariposa, Burbank, CA 91506, has been appointed distributor for the full line of Filmatic ultrasonic motion-picture film cleaning systems, according to a recent announcement. The film cleaners offer completely automatic operation and are available for 16mm, 35mm or 16/35mm combination in bench-top and console models.

Ampex Corp., 401 Broadway, Redwood City, CA 94063, has announced the winners of the **Alexander M. Poniatoff Award** for technical achievement for the fiscal year 1976. They are: Richard Hathaway, Senior Staff Engineer, Audio-Video Systems Div., and Jerry Miller, a member of the Research Staff, Advanced Technology Div. Hathaway was honored for his leadership in the development of the Ampex VPR-1 helical video recorder with an automatic scan tracking system (AST) and superior mechanical design. He was project leader for the mechanical design and project leader for the AST system. AST enables the recorder to re-

produce slow motion pictures of broadcast quality at one-fifth speed and can also provide still frame or stop action.

Miller was honored for the development of codes which are used to record information in digital form. His work advances the effectiveness of codes for high-density recording in all applications including computer, instrumentation and video recording. The Electronic Still Store (ESS) system (*Journal*, p. 104, February 1976) uses Miller's code system to store electronically into a computer disc graphic images such as 35mm slides in digital form. The system is designed to replace manual color slide operations in television stations.

Allan Behr has been appointed Executive Vice-President for Orrox, the parent company of CMX Systems, Videomax and Calfor, it was announced by William Orr, Orrox President. Behr had previously spent ten years with Ampex Corp. where he was Operations Manager for the Special Products. In 1970 he had been instrumental in starting a new firm, Videomax, which provided video head refurbishing. Behr joined Orrox when the company acquired Videomax.

Donald L. Sloan, Vice-President and Controller for DeLuxe General, Inc., 1546 North Argyle Ave., Hollywood, CA 90028, is the new President of the Motion Picture and Television Controllers Assn. for the 1976-77 term. Sloan joined DeLuxe in 1975 following two years as Director, Internal Auditing for 20th Century-Fox Film Corp.

Jack Household has been appointed General Manager of the newly organized Buck Film

Laboratories Ltd., 49 Denham Studios, North Orbital Rd., Denham, Uxbridge, Middlesex, England, it was announced by David Buck, Managing Director and founder of the new firm. Household was formerly Technical Manager for Technicolor Ltd. Buck Film Laboratories specializes in bulk processing of 8mm film copies.

Donald V. Kleffman has been appointed General Manager for Ampex Corp.'s Audio-Video Systems Div., 401 Broadway, Redwood City, CA 94063, and Richard Sirinsky has been appointed National Marketing Manager for the same division, according to a recent announcement. Both men have been with Ampex since 1959. Sirinsky was formerly National Sales Manager for the division. In his new post he will have the responsibility of developing and implementing marketing activities for a full line of audiotape and videotape recorders, disc recorders, broadcast cameras and computerized editing and video storage systems. Kleffman has been National Manager of the division's marketing program since 1972. In 1975 he was responsible for the introduction of 16 new products for the professional broadcast industry.

Don Kloepfel has been appointed to the post of Manager, Technical Services for Eprad's West Coast Operations with headquarters at Burbank, Calif., it was announced by Eprad President Al Boudouris. Kloepfel retired recently from DeLuxe General after 21 years of service. At the time of his retirement he was Director of Projection Services for DeLuxe. Eprad Inc. is located at 123 West Woodruff, Toledo, OH 43620.

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