

# Industry News & Educational Activities

**Dr. Frank Press**, Science Adviser to President Carter and Director of the Office of Science and Technology Policy, was guest speaker at the annual reception and luncheon of the Washington Group of the National Association of Science Writers. In his address Press stated that the United States has developed "the most powerful machine for doing science and technology in the world." However, trends may have set in which could change our position of strength and world leadership. For example, he explained, most of our basic research is done at universities. Shrinking graduate enrollments have resulted in a decrease in funds because our system links graduate education and research. "To cripple a department because its teaching load has decreased when its research contributions are just as strong is a mistake," according to Press. "I think we have to view them as national resources beyond teaching in order to preserve the great strength of American research in universities. If we can somehow create, on the campuses where the graduate students are, research institutes that are populated not only by faculty but by investigators with full-time careers as nonprofessional researchers supported by government grants, we might have the best of both systems." In addition, said Press, now "we need more formal mechanisms of university and industrial groups working together" in order to transfer technology from campuses to industry, once the role of the professor-consultant.

Press also discussed the President's proposal for the formation of the Foundation for Technological Cooperation. "This foundation is being designed to assist other countries along the road to development" in a way that is consistent with their economic, social and political structures.

Press urged the audience to share ideas about the establishment of research priorities in different fields. He also asked for audience views on the kind of space program the American people would like to have, and encouraged discussion of various aspects of the issue of industrial innovation.

**A World Administrative Radio Conference (WARC)** will be held in the autumn of 1979 under the auspices of the International Telecommunication Union (ITU) to consider a general revision of the Radio Regulations. The last conference of this type was held 20 years ago. Because WARC 1979 will have a considerable impact on the development of telecommunication in general and on broadcasting in particular, the European Broadcasting Union (EBU) has coordinated the stated requirements of its Active Members which have been published as EBU document SPB 62, *Guiding Principles for the World Administrative Radio Council 1979*.

The document notes that the EBU is, in general, anxious to retain the present radio spectrum allocations for the terrestrial and satellite broadcasting services, although as far as sound broadcasting is concerned several innovations are needed.

As far as television is concerned, however, the document emphasizes that, contrary to the views

expressed by a number of telecommunication administrations, Bands I, III, IV and V, which are at present allocated to terrestrial broadcasting, must be retained exclusively. The consensus of EBU members is that frequency sharing with the mobile service, which some telecommunication administrations intend to introduce at least in Bands I and III, must be rejected because this would inevitably interfere with broadcast reception as well as make impossible the further improvement of television coverage in areas still not adequately covered.

In the field of satellite broadcasting, the 12 GHz allocation must, of course, be retained, according to Document SPB 62, but extra spectrum space is needed to provide for up-link frequencies so that the broadcasting satellites can be adequately fed with signals in the direction Earth-to-Space. Furthermore, provisions are required to safeguard the development of broadcasting in the distant future also so that, for example, at a later stage, large-screen television may be introduced in the 40 or 80 GHz range.

The 46-page document is arranged in two parts. Part A covers frequency allocations for both sound broadcasting and television (terrestrial services and satellite services). Part B covers general provisions, including terms and definitions, special rules relating to the broadcasting service, new proposals concerning HF broadcasting, and special rules relating to the broadcasting-satellite service. The document also contains six appendices — recommendation on the future exclusive use of the LF band for broadcasting, HF broadcasting growth, recommendation on the extension of Band II beyond 100 MHz, number of main and fill-in transmitters operated at present in the European Broadcasting Area, and European Agreement for the prevention of broadcasts transmitted from outside national territories.

The European Broadcasting Union's Technical Centre is at Avenue Albert Lancaster 32, B-1180, Brussels, Belgium.

**The American Society of Safety Engineers**, 850 Busse Highway, Park Ridge, IL 60068, has issued a release critical of the recent Barlow decision of the U.S. Supreme Court (that employers have a constitutional right to bar warrantless job-safety inspections of their establishments). Emphasizing that they strongly believe that there should be a total, coordinated attack on workplace hazards and unsafe practices by both government and business, the ASSE stated in the release that there seemed to be nothing in the decision that could result automatically in either better or worse administration by the Occupational Safety and Health Administration, with the only result being that OSHA inspectors would be required to change some of their operating procedures before inspecting establishments over which they have jurisdiction. Two recent Government Accounting Office reports that sharply criticized the quality of OSHA inspections were cited. Noted in the release were three recommendations set forth several years ago by ASSE: (1) competent

safety and health professionals must be utilized in all activities of OSHA and the National Institute of Occupational Safety & Health; (2) both agencies must conduct a balanced program of safety and health research and training; (3) coverage under OSHA must be provided for all workers. There must be no exclusion of workers who are employed in small establishments nor exclusion of any state, regional, or local political subdivision employees.

**Effective Communication for Engineers**, a seminar sponsored by the New York University School of Continuing Education, will be held in five cities in the United States in 1978-1979. The seminar will be held 27-29 September in Chicago; 1-3 November, Los Angeles; 15-17 January 1979, Atlanta; 5-7 March, Boston; and 9-11 May in Houston. Extensive use of videotape and private analysis is the core of the intensive, three-day program, which is limited to 20 participants. The seminar includes an evaluation of speaking skills, public speeches, company presentations and interpersonal communications. Program topics include delivery before an audience, how to convince and persuade, how to speak extemporaneously and how to answer questions and objections. Further information is available from Heidi E. Kaplan, Dept. 20NR, New York Management Center, 320 Lexington Ave., New York, NY 10017.

**The American Film Institute/Arts Endowment Film Archival Program** has awarded seven archival grants totalling \$75,000 to the following organizations: American Jewish Historical Society, Waltham, Mass.; Anthology Film Archives, New York City; Center for Southern Folklore, Memphis, Tenn.; Fort Lee Public Library, Fort Lee, N.J.; New York University; Oregon Historical Society; and Pacific Film Archive, University of California, Berkeley, Calif. The grants signal an expansion of the national film preservation program in philosophical and geographic terms, addressing ancillary film archival concerns and providing for the safeguarding and preservation of films of regional interest at the local level in addition to the ongoing national preservation effort.

**Syn-Aud-Con** has received a license to practice time delay spectrometry (TDS) from the California Institute of Research Foundation, according to an announcement from Don Davis, President of Synergetic Audio Concepts, P.O. Box 1134, Tustin, CA 92680. The license also provides authorization for instructing others in the technique.

Developed originally by Richard Heyser of Jet Propulsion Laboratories in Pasadena, the TDS technique allows anechoic measurements in non-anechoic environments. The direct sound spectrum may be measured by itself. Reflection spectra may be viewed individually or in conjunction with other selected spectra either direct or reflected, thus allowing direct viewing of the comb filter effects generated by spectra arriving at a given point out of phase with each other.

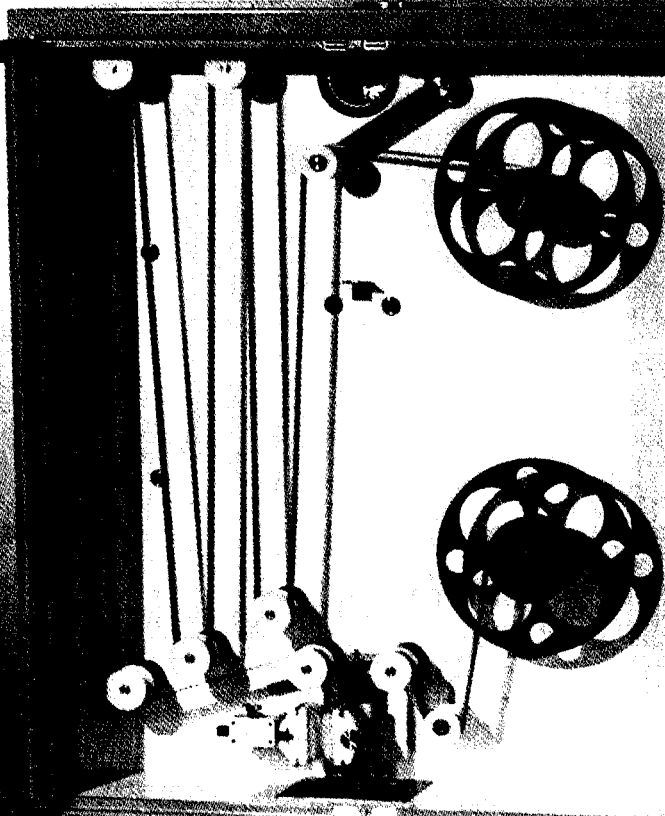
Syn-Aud-Con is prepared to assist interested engineers in the acquisition of the license and experience necessary to assemble their own TDS systems. Further information is available from Don Davis at the address above.

**CINE** (Council on International Nontheatrical Events) awarded 108 Golden Eagle and eight CINE Eagle Certificates to U.S. professional and amateur short film-makers, chosen from 300 entries in the Spring 1978 Film Competition. Films that are selected as CINE award-winners

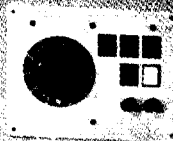
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will be entered to represent the United States in international film events abroad. CINE is a voluntary, nonprofit organization formed in 1957 to encourage international communications, understanding and good will for the benefit of the United States through the selection and entering of U.S.-produced nontheatrical and short subject motion pictures in appropriate international film events.

UA-Columbia Cablevision, Inc., distributors of Madison Square Garden Sports, has agreed to increase satellite television services from RCA American Communications, according to a recent announcement. The current 10-hour weekly schedule of sports will expand to 1000 or more hours annually and will contain a greater variety of programming for cable television, the announcement stated. UA-Columbia will be the first in the cable television industry to use the satellite's vertical polarization, represented by the odd-numbered transponders. Transponder 9 on RCA Satcom I has been assigned to carry the Madison Square Garden Sports events beginning 15 September. Twelve color television channels can be carried by each of the satellite's two polarizations. To make maximum use of available frequencies, the RCA Americom satellite system reuses the allocated frequency band, transmitting 12 horizontally-polarized channels and 12 vertically-polarized channels. The odd transponders are said to be easily received by cable systems with earth stations capable of dual polarization operation.

A new film cataloging service for libraries, distributors and media associations has been announced by Inforonics, Inc., 550 Newtown Rd., Littleton, MA 01460. The service produces typeset film catalogs by utilizing an existing data base of film descriptions and standard computer processing techniques. Titles in a film collection are matched against the data base, selecting and processing entries to create a typeset catalog with indexes. Several formats are available. Advantages of the service include production speed and accuracy, automatic sorting and indexing, and easy updating.

Rank Cintel's Mark 3 telecine has been awarded the Geoffrey Parr Award. This prestigious award for technical achievement was presented to the seven-man design team at a Royal Television Society luncheon in May. The presentation was made by Sir Huw Wheldon. Receiving the award were Ray Matchell, Ron Mumford, John Millward, Brian Wilsher, Dick Such, John Wright and John Etheridge, who represented Peter Blaxton.

The Mark 3, using the flying spot technology pioneered by Cintel, was launched at the 1975 Montreux Television Symposium after a 12-year development program which began with a feasibility and design study in 1963.

Video Automation Systems Inc., Rt. 1, Box 21 A, Pound Ridge, NY 10576, has completed the design and installation of the video system used by members of the New York State Assembly. The system consists of 19 color monitors, a computer-operated character generator and the distribution system required by the Assembly. The character generator provides four pages of memory, two different character sizes, seven different colors for the characters, a flash system for the characters, and continuous update from the computer.

The system is used by the Assembly for identification of bills, status of the bills, when they will come up for a vote, and any other in-

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### New Carrying Handle

Even the camera carrying handle has been re-designed. It is now larger and much more comfortable when toting the camera about.

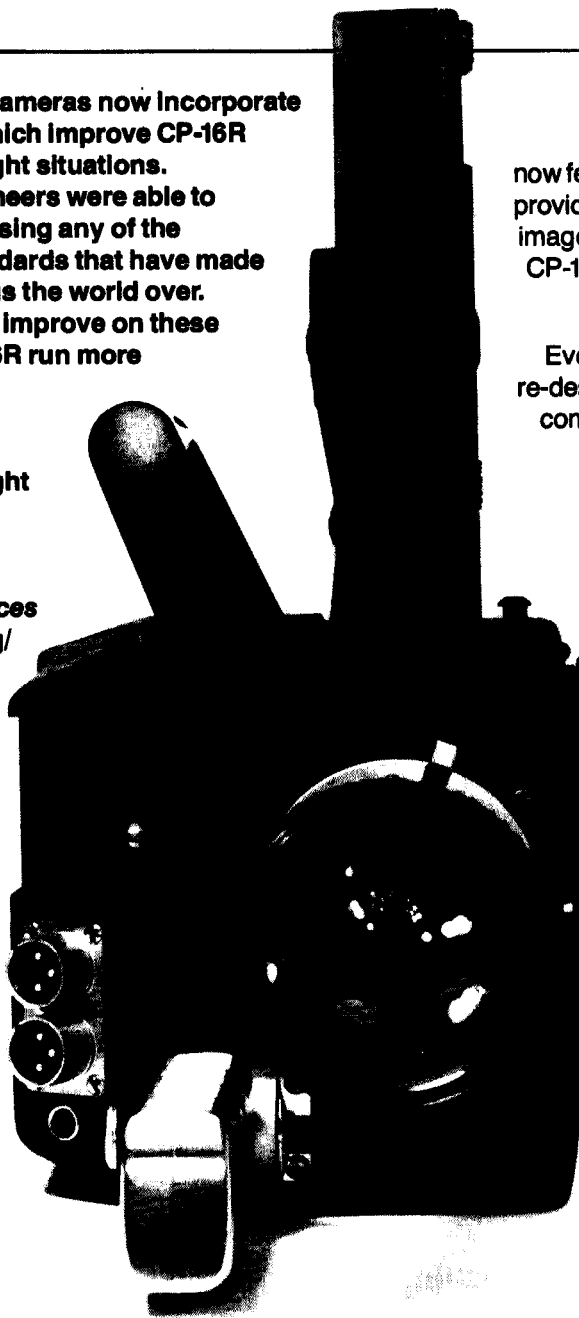
Be sure to visit your local CP-16R dealer and check out all these new

improvements as well as overall outstanding CP-16R performance.

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CP-16R shown with wide angle Ultra T 9mm prime lens (T1.35). Other prime lenses in Cinema Products' Ultra T series include 12.8mm, 16mm and 25mm lenses, all rated at T1.25.

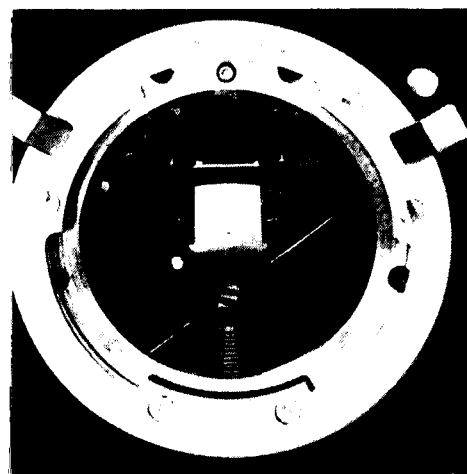


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formation needed by Assemblymen. This system is part of an electronic voting system installed for use by the Assembly.

**Chrysler Corp.** has announced that it will establish a nationwide video program linking several thousands of its dealers. Called the Video Marketing Communications network (VMC), the new system, using the Sony Betamax, is described as the single largest industrial application of videotape technology in America. The foundation of the new network is the Sony 300 series of Business Betamax. An SLP-300 player, RM-300 random access unit and 19-in Trinitron® monitor/receiver will be installed in each participating dealership. Currently underway or completed are tapes of consumer-oriented information for all corporation product lines, competitive comparisons, sales and service training, operations management, advertising and sales promotions, and corporate messages.

**Television sets of the future** were demonstrated by GTE Sylvania at an engineering workshop held as part of Sylvania's distributor convention held in Toronto in May. One of the "sets of tomorrow" features high-quality television audio designed to receive the improved broadcast signals being transmitted by many television stations. Another "tomorrow" set uses a built-in microprocessor programmed to follow a prescribed viewing schedule daily, weekdays only, weekly, or for one-time specials. The set can turn on at a selected time, tune itself to the desired channel, change channels as programmed and turn itself off. If the set should turn on with no one there to push a verify button, it would then turn off automatically. Another set allows the user to program favorite VHF or UHF stations into a memory bank for subsequent selection.

**Ampex Corp.**, 401 Broadway, Redwood City, CA 94063, has announced an agreement to acquire Duca-Richardson Corp. of Wheat Ridge, Colo., a firm engaged in the design, development and manufacture of electronic switching systems and other terminal equipment used in television production facilities. Duca-Richardson will be operated as a wholly-owned subsidiary of Ampex and will be under the responsibility of Ampex's Audio-Video Systems Division.

**SEE/EIR**, 63 avenue de Fougilleuse, Rueil 92500, France, has installed a Datatron Tempo Editing System at its Paris facility, thus providing computer-controlled editing. Four machines have been interfaced to Tempo — an AVR2, two VR1200Cs and an ATR104 audio deck. In addition to the newly-installed Tempo, SEE/EIR facilities include a six-camera four-VTR mobile production unit, a "go anywhere" portable camera/VPR EFP unit, and a four-camera studio. Plans are underway for a move to larger premises.

**The Sylvania CATV Equipment & Installation Operation** of General Telephone and Electronics Corp. has moved into new headquarters at 10841 Pellicano Drive, El Paso, Tex. The new headquarters covers 30,000 square feet and will house the Operation's marketing, systems design, engineering, and warehouse and shipping departments. The Operation was previously located at 114 South Oregon St. in El Paso.

**Agfa-Gevaert, Inc.**, has opened a new marketing, training and demonstration center at 1801 Century Park East in Los Angeles. The 8000 square foot facility, which includes darkrooms, laboratories and classrooms, is designed to serve as a customer training, demonstration and sales

and service center for southern California, Arizona and southern Nevada. The new center is intended to provide services for professionals in the motion-picture industry as well as graphic arts, advertising, x-ray, printing and other related fields.

**ADDA Corp.**, 1671 Dell Ave., Campbell, CA 95008, has announced the appointment of Wiltronix, Inc., of Rockville, Md., as its representative in Delaware, northern Virginia, Maryland, Pennsylvania, and Washington, D.C. ADDA's product line includes the ESP-Systems line of electronic still processors and the VW-1, a video frame synchronizer.

**PRC of America**, with headquarters in Carlstadt, N.J., has announced its acquisition of General Rayfin of New York City, suppliers of film-editing equipment, service, rentals and supplies. The firm will henceforth be known as PRC of America Supplies Corp., a division of Plastic Reel Corp. of America. PRC of America specializes in the development of innovative packaging, handling and storage equipment for audiovisual equipment.

**Media Equipment Center**, formerly the Motion Picture Laboratories Equipment Department at 795 South Main St., Memphis, TN 38106, is now under the ownership of William M. O'Rork. In announcing the acquisition and the new name of the firm O'Rork said, "We intend to follow the tradition established by MPL in providing the best of service in the sales and rental of professional motion-picture and audiovisual equipment."

**Memorex Corp.**, San Tomas at Central Expwy., Santa Clara, CA 95052, has announced that it

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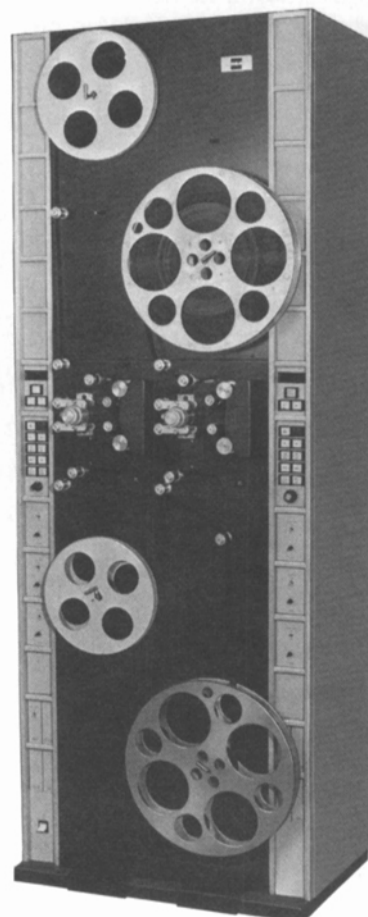
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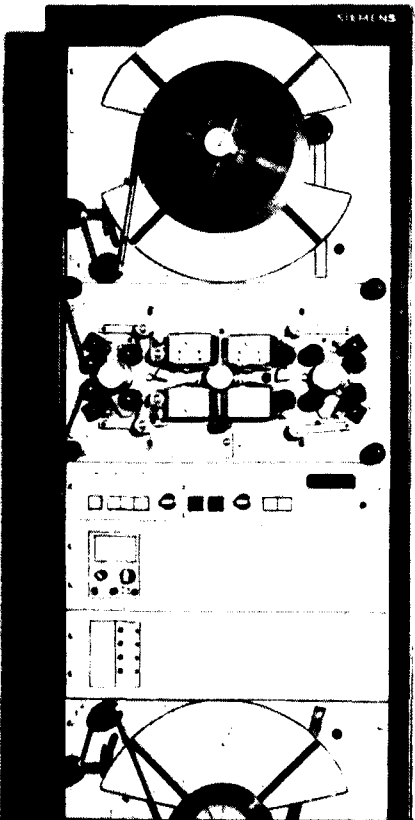
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will offer 1/2-in. blank videocassettes to consumer and professional markets early in 1979. Plans are to offer both VHS and Beta cassettes. The announcement emphasized plans to introduce a home videocassette early next year. One type will probably be introduced before the other, but both VHS and Beta will be offered in 1979, the announcement stated. Memorex currently markets a line of professional videotapes, including a 3/4-in videocassette.

**Sony Corp. of America**, 9 W. 57 St., New York, NY 10019, has announced the opening of a national parts center in a new building adjoining its multimillion-dollar product distribution and testing facility at the Air World Center in Kansas City, Mo. About 70,000 parts for all Sony products sold in the United States will be stocked in the new structure. The first Sony Kansas City facility, which opened last year, covers 200,000 square feet on a site of 13 acres. The new parts center will occupy 100,000 square feet with about 100 employees, bringing the total Sony employment in Kansas City to more than 200.

**Irwin Young, Chairman, and Robert M. Smith, Executive Vice-President of Du Art Film Laboratories**, are the recipients of the Certificate of Commendation presented by Local 644 of the International Photographers of the Motion Picture Industry. The award cited Du Art's efforts in helping the industry by conducting "continuous seminars on new processes, techniques and procedures for improved laboratory techniques."

Du Art, located at 245 W. 55 St., New York, NY 10019, is a major film processing laboratory now in its 53rd year. It has pioneered and de-

veloped many new laboratory techniques. Du Art has recently perfected computed processing whereby the original negative is virtually untouched by human hands and which eliminates notching of the original.

**Rex Ebbetts** has been elected President of the British Kinematograph, Sound and Television Society succeeding Dennis Kimbley. Ebbetts is Managing Director of Filmatic Laboratories Ltd., a Director of Humphries Holdings, and Chairman of De Lane Lea (Music) Ltd. at Wembley. Joining the industry at Kodak's Research Laboratories, he served with the Army Film and Photographic Unit in Singapore and Malaya and was later seconded to the (then) Malayan Government to assist in setting up what is now Film Negara Malaysia, the Government Film Unit.

Returning to England in 1950, he became 16mm Print Manager for MGM and four years later joined Filmatic as Technical Manager. In 1969 he was appointed Managing Director. A member of BKSTS since 1944, Ebbetts takes over the presidency at a time of expansion and as BKSTS prepares for Film 79 to be held at the Royal Lancaster Hotel 2-6 July 1979.

**Chris Cadzow**, formerly Engineering Manager and Marketing Manager with Mercury Electronics, is now Marketing Director of Avitel Electronics Ltd. of 10 Shaftesbury Road, Beckenham, Kent, BR3, 3PW, England.

Avitel was recently formed to design and manufacture high-quality equipment and systems for the broadcast industry and the CCTV market. New products will include a wide range of video and pulse distribution, delay and equalizing equipment.

**Thomas L. Pincu** has been promoted to Vice President, marketing and sales administration at Berkey Colortran, Inc., a subsidiary of Berkey Photo, Inc., as announced by Peter Coe, president of Berkey Photo. Pincu will be responsible for all sales quotations, customer service, domestic and export sales administration, marketing, product management and evaluation, advertising and public relations.

Pincu, who joined Berkey Colortran in 1967, is a graduate of Carnegie Institute of Technology and holds an MA in Theatre Arts at UCLA in color television lighting.

**Blaine Baker** has been elected President of Motion Picture Laboratories, Inc. (MPL), 781 South Main St., Memphis, TN 38101. The election took place following the untimely death of Frank M. McGeary, MPL President and Chairman of the Board of Directors. Baker joined MPL in 1966 and has served as a member of MPL's Board of Directors and as Vice-President in charge of Sales. Larry R. Jackson, MPL Controller, was named as a new director. Other directors and officers of MPL are Burt S. Kauffman, Vice-President and Director; Jim Solomon, Vice-President of Laboratory Production and Director; Garland C. Misener, Director; and G. Carleton Hunt, Director.

**Russell Cully, Henry Freulich and Clifford Stine**, members of the American Society of Cinematographers (since 1933), were honored on 22 May at a dinner arranged by ASC President Linwood Dunn. Highlight of the program was the showing of a film on Eastman Intermediate Color Film, Type 5243/7243, by Roderick Ryan awarded a Class II Technical Award at this year's Academy Award presentations.

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