



# Section Meetings

**Atlanta, 12 June** — The meeting was held at the Fernbank Science Center in Atlanta with an attendance of 23 guests at *A Voyage Through Outer Space: the Planets*, Fernbank Science Center's show presented by David Dundee, of the Center's staff. A number of satellite planetary photographs were shown.

Rick Williamon then provided a demonstration and explanation of the Planetarium's extensive projection and sound systems as well as an exhibition of the latest satellite and weather forecasting tools. The evening concluded with a view of Saturn through the Planetarium's telescope. — Hugo A. Bondy, 149 Mocking Bird Lane, Decatur, GA 30030.

**Detroit, 12 May** — This was a special meeting held in conjunction with Communications Seminar '79, a day-long meeting co-sponsored by Wayne State University and the Detroit Producers Association. More than 300 persons attended the seminar, held in the Rackham Engineering Conference Center in Detroit. Fifteen special interest sessions were conducted. The general sessions included a presentation by Sam Grogg, Director of National Educational

Services, American Film Institute, entitled "Dialogues With Famous Directors," consisting of a series of videotapes made at AFI seminars where AFI students meet for open discussions with eminent film personalities.

Eight of the 15 special interest sessions were given by officers and members of the SMPTE Detroit Section. John Mayberry (Chairman) presented a paper entitled "This is SMPTE." Secretary-Treasurer Sherwin Becker's paper was entitled "16mm Contact Wet Printing." "Let's Communicate" was presented by Ted Horn (a former Chairman). Managers Jerrell Frederick and Randolph Hippler presented papers: Frederick's entitled "Sound Rerecording and Mixing for Motion Pictures," and Hippler's (with Dan Nissly) entitled "Squeezezoom and PSAS." Charles Nairn, Gerald Jones, and Jack Teahan, Detroit Section members, presented papers entitled (in that order) "Developing an Ear for Audio"; "Computer Generated Graphics"; and "Care, Handling, and Storage of Film Images for Television Broadcast and Motion-Picture Production."

Other sessions covered a wide variety of topics including "Motion Picture Animation: From

Concept to Screen," presented by Hermann Tauchert; "Film Editing Closeup," by Grace Garland Janisz; "Performers, Talent Agents, and Screen Actors Guild," by Jane Ford and Pat Burke; and "Problems Unique to Studio and Location Broadcast Video Production."

A reception where wine and cheese were served was given at the end of the day-long meeting. — Sherwin H. Becker (Secretary-Treasurer), Allied Film Laboratory, 7375 Woodward, Detroit, MI 48202.

**Detroit, 19 June** — The meeting was held in Michigan Bell Telephone's Audiovisual Department. Forty-nine members and guests heard John Lowry, President of Digital Video Systems, Willowdale, Ontario, describe the DPS-1 framestore time base corrector. The equipment utilizes digital processing and control in providing time base correction, frame or field storage, signal processing, and test signal generation. In describing the theory and operation of the equipment, Lowry was able to provide new understanding of the concepts of digital video for the audience. He commented later that many of the questions addressed to him showed an excellent understanding of a highly technical subject. At the close of the meeting the group toured the Michigan Bell Audiovisual facilities. — Sherwin H. Becker (Secretary-Treasurer), Allied Film Laboratory, 7375 Woodward, Detroit, MI 48202.

**Florida/Caribbean, 23 May** — The meeting was held at the Medical Center Campus of the Miami-Dade Community College System with

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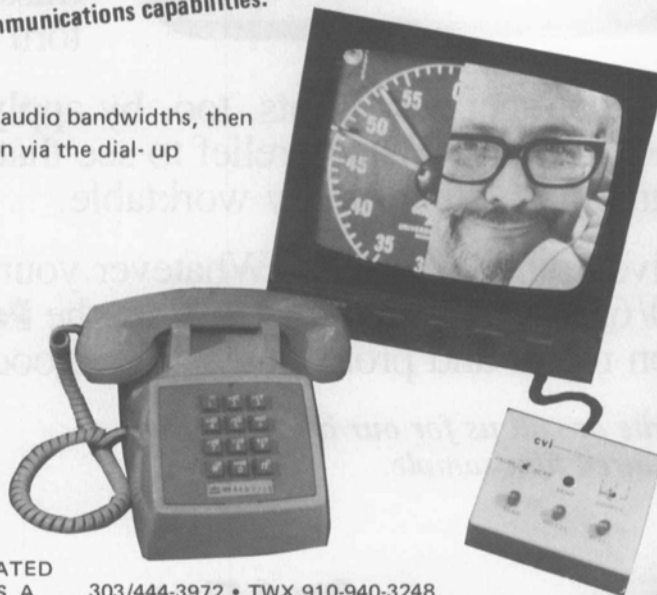
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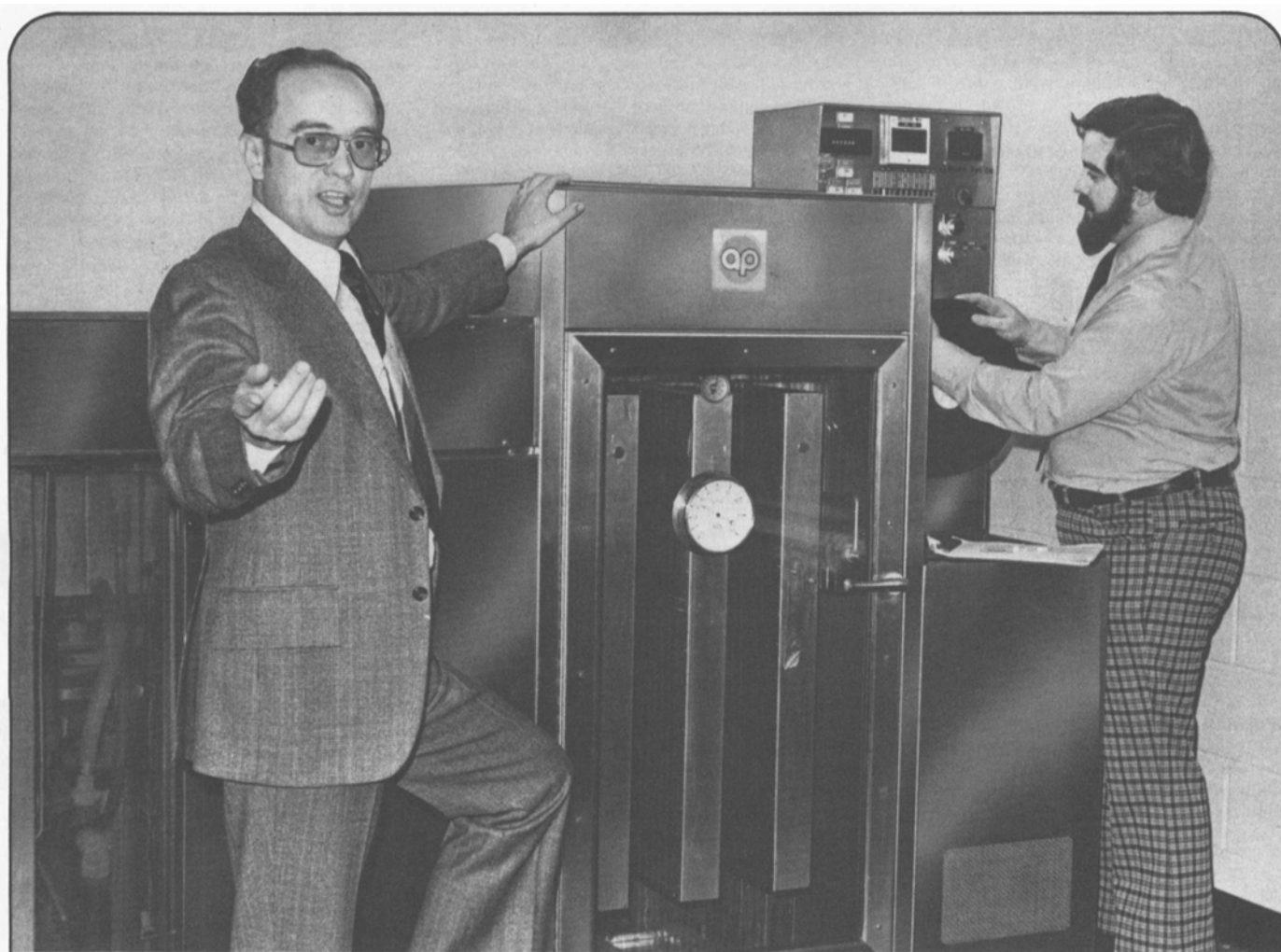
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an attendance of 22 members and guests. The Medical Center is one of the most modern teaching facilities in the country for the allied health services. It was designed to provide a highly technical curriculum with a variety of audiovisual services. The program was focused on the Audiovisual Services Department which houses a complete production facility and is especially active in developing and distributing video programs. The host and speaker, Luis V. Klitin, is the Director of the Audiovisual Services Department. He reviewed the extensive planning and design that went into the construction of the facility and explained how the logical placement of video camera and monitor tie-in points throughout the campus enhanced the CCTV production room's ability to provide the best service for the training needs of the faculty and student body.

After screening some sample video productions, we took a fascinating tour through an impressive audiovisual plant containing a sophisticated video distribution system, control room, production studio, and other areas for student performance and evaluation. Over coffee and doughnuts a lively interchange of information and experience took place. All involved had a great evening. — James D. Bloch (Secretary-Treasurer), American Bankers Life, 600 Brickell Ave., Miami, FL 33131.

**Florida/Caribbean 7 June** — The meeting was held jointly with the International Television Association and the Society of Broadcast Engineers at Broadcast Quality, a commercial film-to-tape transfer and dubbing company.

Fifty-four members and guests toured Broadcast Quality's facilities and through the courtesy of our host, Dave Clark, we were provided with a hands-on demonstration of video noise reduction and image enhancement equipment. Philip Dubbs, General Manager of Florida Video Systems, our sponsor for the evening, spoke on video noise reduction, time base correctors, and image enhancement equipment. He explained and demonstrated how digital noise reduction works. We watched many fair-to-poor quality 3/4-in videotapes as they were run through the enhancement system. We saw some very remarkable results, especially with tapes shot on industrial quality video cameras in low light levels. We also explored the problems with over-enhancement.

A very educational hands-on session allowed everyone to work with the digital noise corrector and the other noise reduction components in the system. — James Bloch (Secretary-Treasurer), American Bankers Life, 600 Brickell Ave., Miami, FL 33131.

**Hollywood, 14 June** — The meeting was held at the Burbank Studios with an attendance of 197 members and guests. The speakers were Hal Landecker, Manager of Production for Burbank Studios, and Robert Gottschalk, President of Panavision Inc. Landecker reported on the development of a video playback system that allows the photographing of a television picture without the drawback of shutter bars. This is accomplished by using a special 24-frame tape for the television monitors and synchronous 24-

frame camera pulse. The projection arrangement accommodates 144° to 200° shutter angles.

Gottschalk demonstrated the Academy Award-winning Panaflex system, the latest Panastar system, underwater cameras, and a modified Panaglide roving camera support system. — Charles Kemmerer (Arrangements Chairman), Eastman Kodak Co.; home address: 1674 Old Castle Pl., Westlake Village, CA 91361.

**Pacific/Northwest, 31 May** — The meeting was held in the Lopez Room in The Seattle Center with an attendance of 24 members and guests who heard Roger Hagen of Precision Edit describe a system, now operating, whereby motion-picture film is transferred to 3/4-in videotape with all edit decisions being made in the tape format. Using an accurate time code, the tape edits are then duplicated with the original film.

Russ McMurray of Eastman Kodak described the care, handling, and storage of film to provide optimum quality and long life.

Abbott Sydney of Arriflex Corp. presented a film showing the construction and capabilities of the SR-16 camera. — Thomas J. Bowles, (Secretary-Treasurer), King Videocable Co., 320 Aurora Ave. N, Seattle, WA 98109.

**San Francisco, 12 June** — The meeting was held in Ampex Corp.'s cafeteria with an attendance of 64 members and guests. Alastair Heaslett, Senior Staff Engineer for the Audio Engineering Department of Ampex Corp., gave a talk entitled "Digital Audio, the Promise of Tomorrow." Heaslett's presentation was of a

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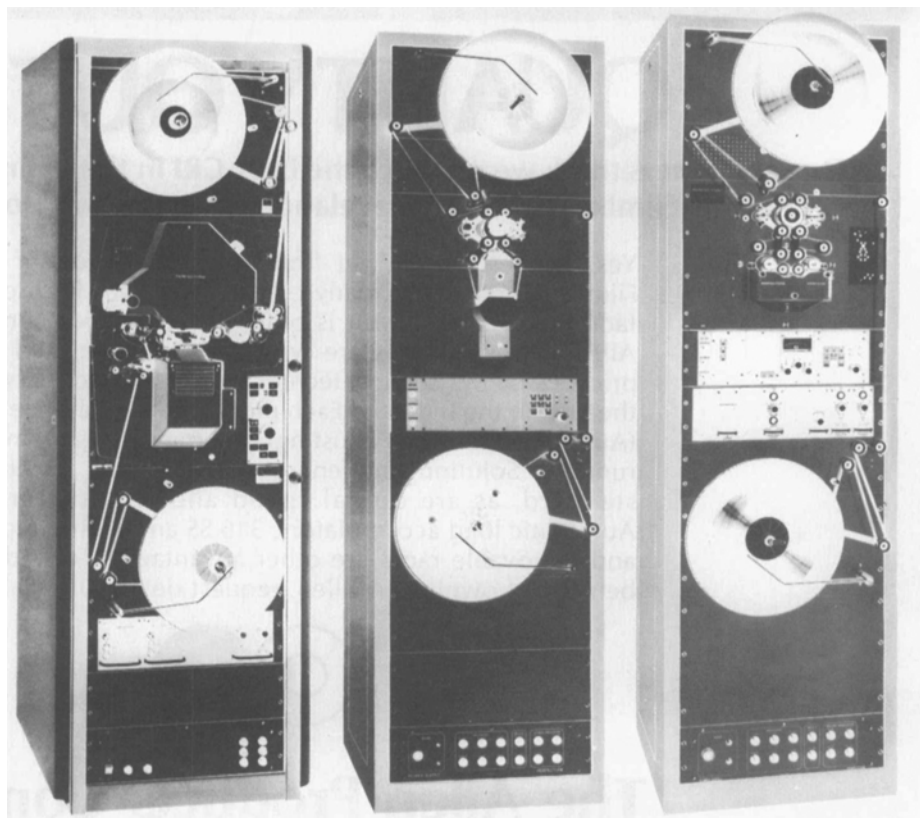
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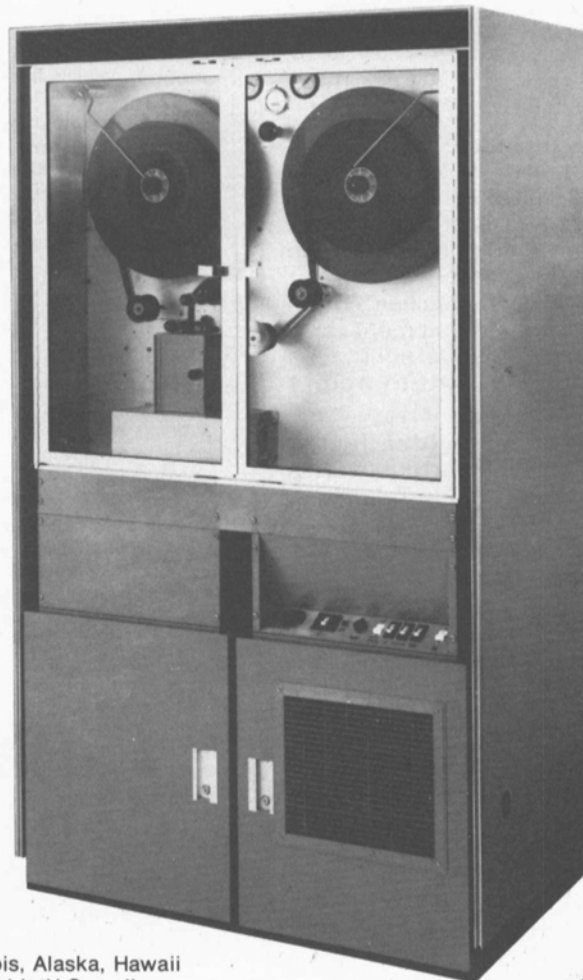
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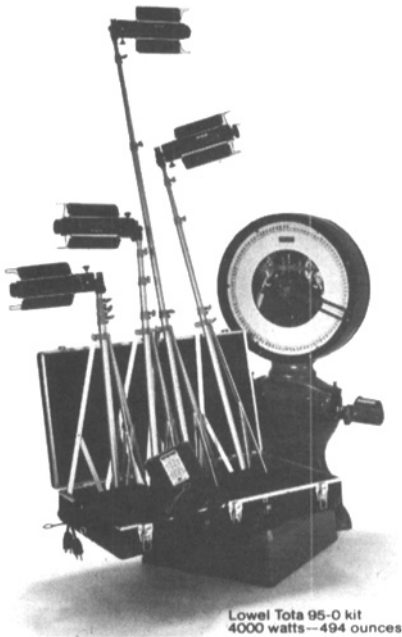


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relatively technical nature for a local section meeting, but it was so well presented that everyone in the audience learned something worthwhile. Two members drove 150 miles from Fresno, Calif., to attend the meeting on such a timely topic.

A great number of topics relating to digital audio recording were covered, including basic block diagram, signal spectra, and aliasing problems, record level optimization, dropouts, and formats. The format subject is one of importance to the entire industry as a common format will be required in order to interchange tapes on equipment designed for different manufacturers. Format details such as sample rates, error correction schemes, and interblock gaps were discussed. Emphasis was placed on the need to devise a format that will be suitable for flexible editing as well as quality reproduction of the audio signal. Formats proposed by a number of different manufacturers were outlined in detail, including those designed for direct use in the video channel of current videotape recorders.

Following the presentation there was an unusually long question and answer period covering such items as the economics of digital audio recorders, format problems with full interleaving, dynamic range, error correction, distortion, and Standards Committee activities. — David K. Fibush (Secretary-Treasurer), Ampex Corp., 401 Broadway, Redwood City, CA 94063.

**Toronto, 7 May** — The meeting was held at the Ontario Educational Communications Authority (OECA) with an attendance of 65 members and guests. First event of the evening was a tour of OECA's technical facilities. The tour was followed by presentations by four speakers — Robert McKinstry and David Cheng, both of OECA, John Milton of Filmhouse, and Tad Jaworski, a producer.

McKinstry's presentation was entitled "Historical Development of the OECA's Film and Telecine Facilities." He reviewed the historical and philosophical developments of OECA's film and television operations. Cheng on "Film Quality Control at OECA" described the film quality control procedures used at OECA. In particular, he demonstrated his very successful test slug which he developed to meet LAD specifications and aid exposure and laboratory control and telecine lineup.

Milton explained the proper handling of film materials and Jaworski presented the producer/director's point of view regarding film quality control. The meeting had been preceded by a dinner at the Crock and Block restaurant. — Peter Mugford (Secretary-Treasurer), OECA, 2180 Yonge St., Toronto, Ont., Can. M4S 2C1.

**Toronto, 12 June** — The meeting was held at George Brown College with an attendance of 91 members and guests. First on the program was a film entitled *Digital Computer*. Merle Reist of George Brown College presented a paper entitled "Functional Principles of Microprocessors." John Lowry and Charles Poynton of Digital Video Systems gave a presentation entitled "Microprocessor Applications in Television and Film." Both presentations covered the field from the very basic block diagram to the more sophisticated approaches to microprocessor and microcomputer design and programming, including the use of the "traffic light" example. The many uses of microprocessors for film and television technology were described in detail. The meeting was pre-

ceded by a dinner at the Underground Railroad Restaurant. — Peter Mugford (Secretary-Treasurer), Ontario Edu. Communications Authority, 2180 Yonge St., Toronto, Ont., Canada, M4S 2C1.

**Washington, D.C., 7 May** — The meeting was held at the American Red Cross Production Center in Arlington, Va., with an attendance of 35 members and guests who heard E. Carlton Winckler speak on "Lighting for Television and Motion Pictures." First he reviewed several concepts he had presented at a meeting in Washington two years ago. Using lights, television cameras, and monitors, Winckler then demonstrated the use of shadow lighting for mood and effectiveness. His presentation was, as usual, professionally presented, demonstrating his expertise in the field. A lively and animated question-and-answer period lasting 30 minutes followed the presentation. The meeting had been preceded by a dinner at the Jolly Ox restaurant. — Dudley Spruill, ACVL, Inc., P.O. Box 34932, Bethesda, MD 20034.

**Washington, D.C., 12 June** — The meeting was held at Tele-Color Productions in Alexandria, Va., with an attendance of 34 members and guests. The speaker was Robert Huroux, Amperex Electronics Corp., who discussed the operating principles of Plumbicons while using slides and other visual aids. He explained the principle of light biasing, and in particular, the new diode gun tubes which virtually eliminate beam discharge lag. He also discussed the new Amperex 30 mm tubes which provide nearly perfect registration, and which have been selected by RCA for use in the TK-47 television camera. A lively question and answer period followed the meeting. The meeting was preceded by a cocktail hour through the courtesy of Amperex Electronics Corp. — Harold L. Vincent (Chairman), Eastman Kodak Co., 500 12th St., S.W., Washington, DC 20024.

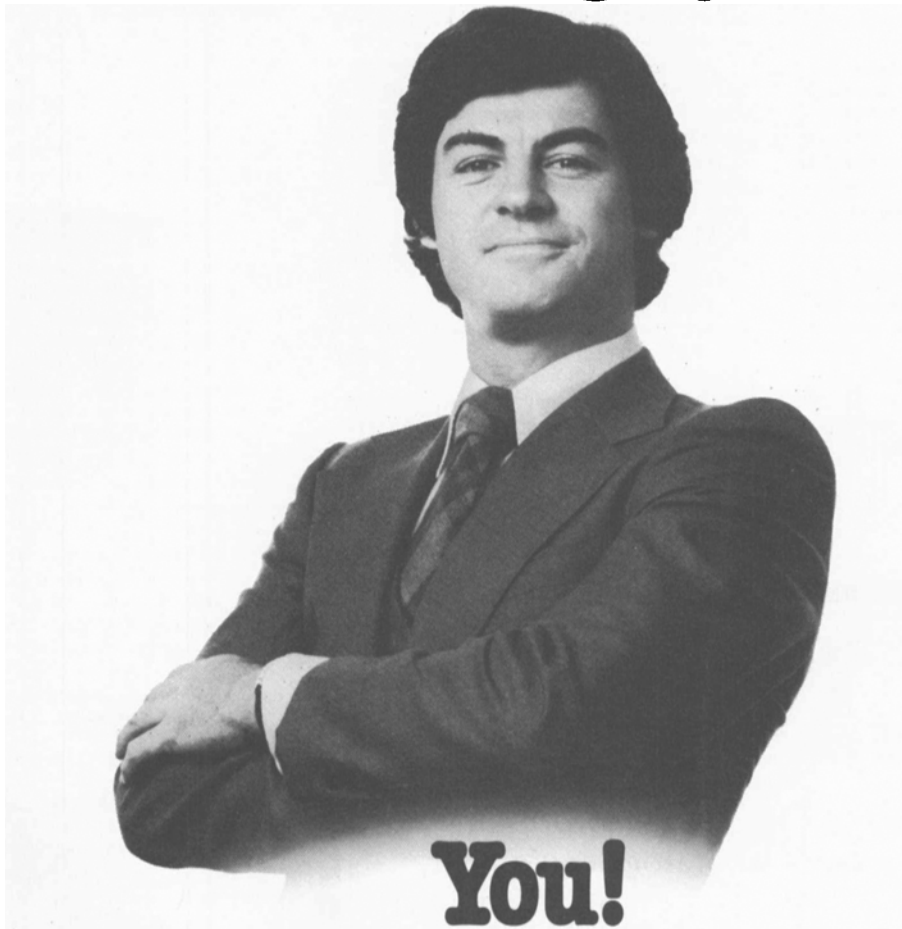
### Deadline for News Releases

Releases and other material intended for any of the columns of the *Journal* — or material for any timely article — must reach SMPTE Headquarters (addressed to Rae Hargrave, Staff Writer) at least six weeks before the month of the issue in which it is to appear. For example, announcements for the November issue must arrive no later than 15 September; for the December issue, no later than 15 October.

It is especially important that information for the Meetings Calendar and the Forthcoming Professional Meetings column reach us before the deadline. We regret that we cannot publish announcements of potential interest to our readers when the information arrives too late.

We hope that this information about deadline dates will reach all contributors and that in the future we will receive announcements in plenty of time. It is our intention to publish as much information as possible that would be of interest to *Journal* readers. — *Edi.*

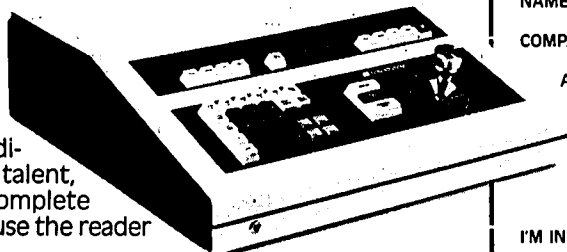
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