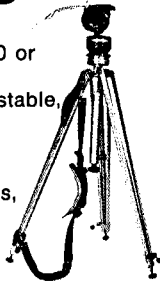




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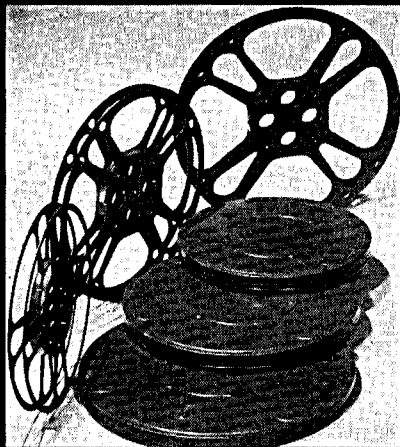
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Section Meetings

Australia, 7 Nov. — The meeting was held at Film Australia, Lindfield, Sydney with an attendance of 82 members and guests. It was held in conjunction with the Australian Cinematographers Association. David Samuelson of Samuelson Film Services Ltd., London, presented a paper entitled "A Review of the State-of-the-Art and New Film Production Techniques," a paper previously presented at Film '77 in London and at the 119th SMPTE Conference in Los Angeles. The author noted that the most important consideration governing the choice of equipment is the size of the screen on which the production is eventually to be shown. The address was accompanied by excellent film clips and slides showing new equipment and systems. — D. V. Dove (Chairman), Color Film Pty Ltd., 35 Missenden Rd., Camperdown, NSW, Australia 2050.

Chicago, 26 Oct. — This was a joint meeting with the Chicago Acoustical and Audio Group of the Audio Engineering Society. Some 160 members and guests assembled at WTTW-TV (Chicago Public Television) to hear Larry Ocker, WTTW Director of Engineering, present a paper on "Stereo Simulcast With FM Radio Stations." Ocker outlined the progress of WTTW with stereo simulcasts with FM stations and described the production techniques used to improve the quality of audio in television. There was a separate presentation of the production aspects, the editing techniques used to obtain a stereo master, and plant planning relating to the layout of facilities to accomplish easily both mono and stereo productions. This was followed by the showing of a videotape of one of the Soundstage programs currently being shown by over 150 television stations. — Paul R. Markun (Secretary-Treasurer), Douglas Film Industries, Inc., 10 West Kinzie St., Chicago, IL 60610.

Chicago, 4, 5 Nov. — This meeting was the 5th annual Midwest Seminar on Videotape and Film, sponsored jointly by the SMPTE Chicago Section, Chicago TV Guild, Chicago Film Council, and IFPA. It was held at the Marriott O'Hare Hotel with an attendance of 200. A list of the topics discussed and the names of the invited speakers are given below.

Salute to Filmmakers, Ott Coelln; Salute to Videotape, Gordon Schutte; Post Production, Jack Mauk, Ron Clasky and Kathy Schubert; Talent, Shirley Hamilton, Louise Wilson and Michael Shetter; Producing a Weekly Series, Dick Reinauer; In/Out House, Production Team, Vern Himes, Tom Richter, Barry Wolf, and Bob Steen; Public Relations Newfilm, Ray Salo; and What's Happening, Bob Kreiman. — Paul R. Markun (Secretary-Treasurer), Douglas Film Industries, Inc., 10 West Kinzie St., Chicago, IL 60610.

Chicago, 15 Nov. — The meeting was held in the Quaker Oats Staff Conference Room with an Attendance of 95 members and guests. The speaker was William H. Smith, President of Allied Film Laboratory, Detroit, who presented

a paper entitled "Some Positive Thoughts About Negative." The paper dealt with many of the practical considerations in the use of color negative film. The presentation included side-by-side film comparisons including (1) normal exposure vs under exposure with forced processing; (2) 7271 vs 7247 for mastering reversal footage; (3) titling techniques; (4) fades and dissolves; (5) CRI vs 7243 as intermediates; and (6) handling and conforming.

The paper also stressed the "dirty" factor relative to the handling of color negative. A demonstration was given showing the quality that can be obtained through various printing and processing techniques. — Paul R. Markun (Secretary-Treasurer), Douglas Film Industries, 10 West Kinzie St., Chicago, IL 60610.

Dallas/Fort Worth, 7 Sept. — The meeting was held at Sundance Productions in Dallas with an attendance of 73 members and guests. It was a standing-room-only crowd which had turned out to enjoy the production-oriented meeting at a new studio facility. The program topic was "Commercials and Spot Productions in the Dallas/Fort Worth Area." The speakers were Tim Pugliese of Coconut Grove Productions and Steve Blackston, Manager of the Sundance Production facility. Both men discussed the processes involved in completing a television commercial.

Pugliese's remarks concerned the production of a commercial and the use of film or videotape or a combination of both to achieve the desired effect. "Film is not dead," he stated emphatically, noting that film has certain advantages over the exclusive use of videotape. He pointed out that among important production aids are viewfinders and playback recorders. Pugliese said that the use of both film and tape in a production saves much time in setups and in post production.

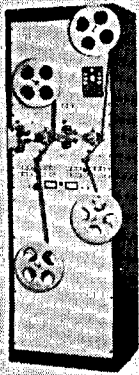
Blackston described the services of his firm for industrial productions and multitrack audio recordings. He said that portability is the key word at Sundance Productions with the minicam and backpack cameras in use and with plans underway to acquire a BCN type recorder.

The program was concluded by the showing of the 1976 Clio Awards film. Following the film, members of the audience were taken on an informal tour of the Sundance facilities. In addition to an impressive list of equipment, a 35-X 35-ft insert production stage was available for use in chroma-keying and in-studio spots. Hands-on demonstrations of the equipment were provided by members of the Sundance staff. — Paul F. Brown (Secretary-Treasurer), Southern Baptist Radio/TV Commission, 6350 West Freeway, Fort Worth, TX 76150.

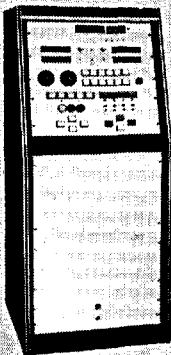
Dallas/Fort Worth, 2 Nov. — The meeting, held at the Marriott Motor Hotel in Dallas with an attendance of some 50 members and guests, was a social affair honoring the pioneers of the film and television industries in the Dallas/Fort Worth area. A cocktail hour sponsored by Eastman Kodak and PSI Film Laboratories was followed by a banquet after which awards were



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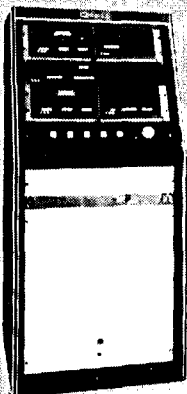
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presented to local pioneers. The keynote speaker was William DeMougeot, Professor of Speech and Drama at North Texas University. His talk emphasized the importance of learning from the past.

The first honoree was LeRoy Mills, of the University of Texas Southwestern Medical School, who has produced some 150 scientific medical and industrial and safety films on subjects such as Army medical training and aircraft pilot instructions. He holds many patents for devices used in the filming of special medical procedures. A film he produced in the early 50s called *Texas in Review* was shown.

The recipient of the second award was George Sanderson, a retired news cameraman. His career began in 1933 and his first big story was on a kidnapping by Machine Gun Kelly which was picked up by the theatrical newsreels. With the advent of television news he joined a local television station, KRLD (KDFW) TV as a full-time news cameraman. One of the high points of his career occurred when President Kennedy was assassinated in November 1963. He was the last cameraman to photograph Kennedy as he was driven to the fatal scene.

The recipient of the third award was Hugh Jamieson, Sr., who began his career about 1890 making local film productions for showing in theaters. He utilized the Edison cinescope and processed his films in a bathtub in a room in a hotel. In the 1930s he was instrumental in bringing the first talking pictures to Dallas. In 1935 he was issued his first patent for a motor-driven film processing machine. At the age of 89, Jamieson is still interested in the industry in which he has been involved since its beginnings.

A highlight of the meeting was the display of the original film processor Jamieson had used in the early days. — Paul F. Brown (Secretary-Treasurer), Southern Baptist Radio/TV Commission, 6350 West Freeway, Fort Worth, TX 76150.

Detroit, 25, 26 Oct. — Two Detroit Section meetings were held in October. Michigan Bell Telephone in Detroit was the host on the 25th with an attendance of 27. On the 26th, WOTV in Grand Rapids was the host with an attendance of 57 members and guests. The same program was presented at both meetings with Don Massa of RCA giving a tutorial paper on the background of digital storage. The title of his paper is "Compression and Freeze Frame Capabilities of the RCA TFS 121 Television Frame Synchronizer." With the aid of slides, Massa explained how the development of large scale integration has made new equipment, such as the digital frame synchronizer, practical. He also discussed numbering systems which use a base other than 10 and carried this discussion to the binary system upon which digital storage is based.

The RCA TFS-121 frame synchronizer was demonstrated and used to explain the practical application of digital storage. By using digital storage the frame synchronizer can hold a television frame (one frame at a time) and read the frame out of memory in time with local sync. The TFS-121 can, correspondingly, freeze frame by holding a frame in memory. It was also demonstrated that the picture size could be reduced to one-quarter size and moved anywhere within the television screen.

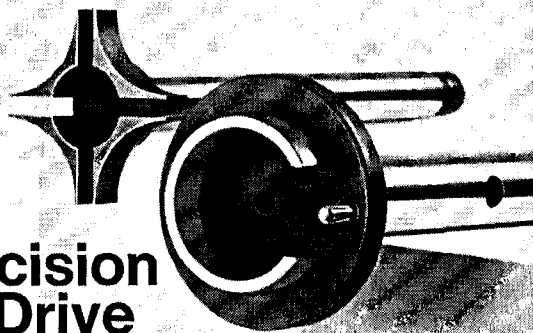
At the Grand Rapids meeting, R. C. Smith, Engineering Manager of WOTV, and member of the staff, discussed some of the day-to-day practical experiences they have had with ENG. A tour of the editing facilities followed the meeting at WOTV. — John D. Mayberry (Secretary-Treasurer), Ford Motor Co., Photomedia Dept., The American Rd., WHQ Bldg., Dearborn, MI 48121.

Florida/Caribbean, 26 Oct. — The meeting was held at the L. D. Pankey Institute for Advanced Dental Education with an attendance of 13 members and guests. The speaker was Phil Dubs, Regional Manager of Microtime Inc., whose presentation was entitled "The Future of Charge-Coupled Device Technology as Related to Time-Base Correction." Dubs noted that in recent years time-base correction technology has been advancing in the area of digital signal processing with rather costly analog-to-digital and digital-to-analog converters. He said that the Charge-Coupled Device (CCD) is now being applied to analog time-base correction, promising high price/performance ratios. With the aid of blackboard diagrams and block schematics, he gave a very lucid explanation of the operation of existing digital systems and of the soon-to-be available analog system using CCDs. He showed the advantages and disadvantages of both methods of time-base correction. A lively question-and-answer period followed his presentation. Chris H. Lankester (Secretary-Treasurer), 320 North Luna Court, Hollywood, FL 33021.

Houston, 30 Nov. — The meeting was held at The MFC Productions facilities with an attendance of 45 members and guests. The hosts were Jim Davidson, President of AIE Studios, and Mike Cusack, President of MFC Productions. The use of flat bed editing was discussed by Chuck Weiss, Chief Editor for MFC Productions and Ernie Brock, Chief Editor of AIE Studios. The meeting gave members and guests an opportunity to see how the use of a flatbed editor can improve creative editing. A demonstration was given consisting of a motion picture broken down into its component parts and played in sync while the two editors explained the entire procedure. Television-oriented members of the audience saw how film can be used for location work, edited as film and prepared for transfer to videotape. The 16mm Showchron and the 16mm Moviola editing machines were used for the demonstration. Following the demonstration an informal and very informative discussion took place — Frances G. Berger (Secretary-Treasurer), A-V Corp.; home address: C116 East, 2601 Bellefontaine, Houston, TX 77025.

Montreal/Ottawa/Quebec, 1 Nov. — The meeting was held at the National Film Board in Montreal with an attendance of 50 members and guests. The evening started with a showing of *Chateau de Sable*, the award-winning film produced by NFB. NFB also screened the first reel of the Olympic Film to demonstrate the effect of stereophonic sound on 35mm color positive film. The first paper, entitled "Dual Language Photographic Soundtrack," was presented by the author, Ronald Uhlig of Eastman Kodak Co., who described the method of recording a bilateral track on a 16mm optical negative sound stock thus giving two languages on one sound negative. The sound negative can then be married with a picture negative to produce a color print with a dual language soundtrack.

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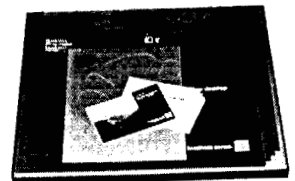
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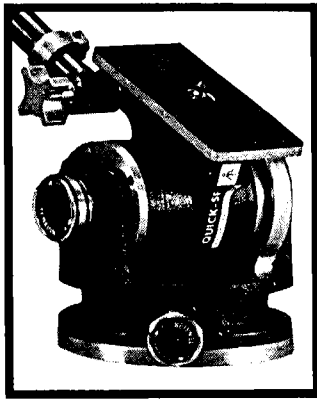
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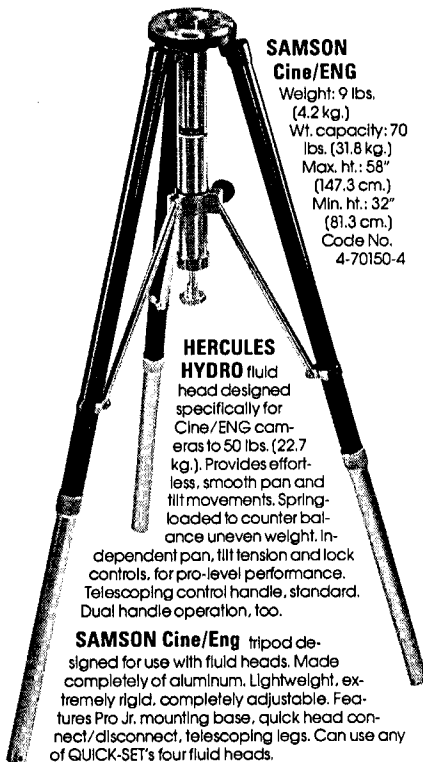


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The second paper was entitled "Using Eastman Color Negative II and 5243." Janet West and Pierre Payant, both of Kodak Canada, gave the presentation in both English and French. With the aid of color slides and films they showed the advantages of the new ECN II negative and the intermediates 5243-7243 which can be printed at a faster printer speed and can also be processed along with the ECN II without altering either time or temperature. The demonstration films gave a split screen view of a print from the old 5253 vs the 5243; ECN II vs the 5243; and CRI 5249 vs 5343. There was also a demo roll showing ECN II normal, force processing, and ECN II using a fog filter on the camera lens. — Grant Dearnaley (Secretary-Treasurer), P.O. Box 787, Station "C", Montreal, Que., Canada H2L 4L6.

Montreal/Ottawa/Quebec, 17 Nov. — The meeting was held at the Maison de Radio-Canada with an attendance of 82 members and guests. The speakers were Gordon McCurdy of Kingsway Film Equipment Ltd., Daan M. Zwick of Eastman Kodak Co., and D. W. Samuelson of Samuelson Film Service Ltd. McCurdy presented a paper on "Aaton-7, Film and Video Camera," followed by a hands-on demonstration. Zwick's paper was entitled "The Film-Television Interface: A Long Look." Samuelson's presentation was entitled "A Survey of Current Film Production Techniques, 1977."

The meeting was preceded by a dinner at the Auberge de la Marie Galante. — Robert B. Desrosiers (Chairman), P.O. Box 787, Station "C", Montreal, Que., Canada H2L 4L6.

Nashville, 27 Oct. — The meeting was held at the WSM-TV Studios in Nashville with an attendance of 56 members and guests. The speaker was Harold R. Pearson of Cinetron Computer Systems whose presentation was entitled "Computer Control of Animation Photography." He gave a brief historical review of animation on film and how computer control of animation developed. He explained the three major parts of the computerized animation system — the computer; the stepping motors for control of the animation stand and camera; and the terminal for instructing the computer. He described the computer as an 8K memory Hewlett Packard using assembler language. Commands to the computer are typed on the keyboard in English and these are converted to information to stepping motors to control such things as east-west or north-south movement of the animation stand, the up or down movement of the camera, table spin, etc.

Pearson then showed a short film demonstrating animation and optical effects. A lively question-and-answer period followed the film. — S. Lee Whitehurst (Secretary-Treasurer), WSM, Inc., P.O. Box 100, Nashville, TN 37202.

Nashville, 17 Nov. — The meeting was held at Opryland Productions with an attendance of 82 members and guests. Guest speakers on the program, which was devoted to One-Inch Videotape, were Paul Hansil of Ampex, Ed Stopke of Bosch-Fernseh, and David MacDonald of Sony. Hansil provided a slide presentation tracing the history of helical scan recorders, and describing the early problems with helical and how they were overcome. He also described the uses of helical in broadcast and nonbroadcast applications and the features of the Ampex machine.

Stopke showed a very cleverly produced vid-

eo tape demonstrating the features of the BCN.

MacDonald explained how Sony got into the helical scan broadcast business and how their one-inch format machine was developed. He suggested that the one-inch helical machine was not an adjunct to but a replacement for the two-inch quad machine and that, in time, the quad machine would be relegated to archival duties. He pointed to the large number of one-inch machines already delivered and the much larger number to be delivered in the near future. He noted that the machines are now being used for such productions as CBS sitcoms.

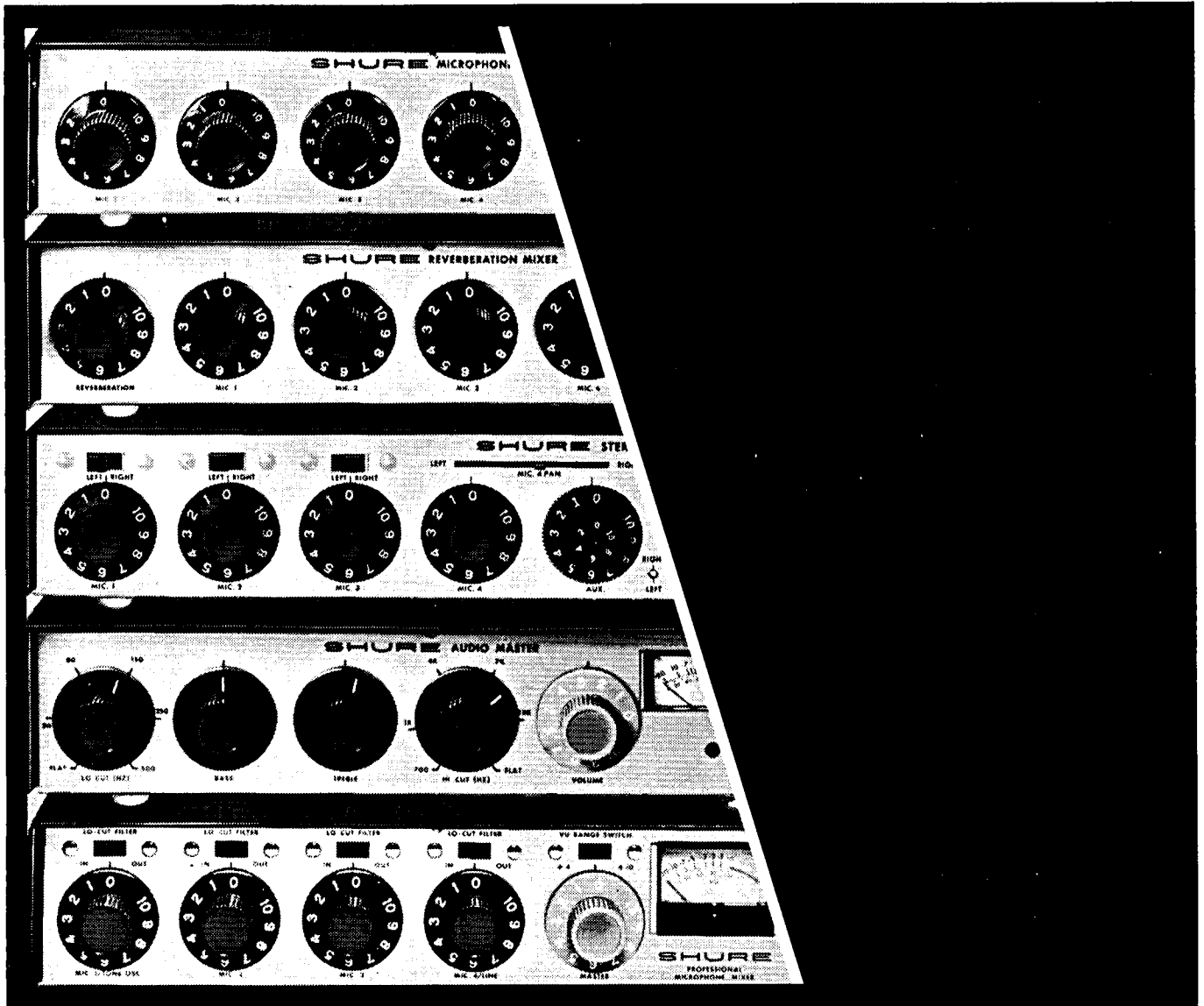
The meeting closed with hands-on demonstrations of all three machines. — S. Lee Whitehurst (Secretary-Treasurer), WSM, Inc., P.O. Box 100, Nashville, TN 37202.

New York, 11 Oct. — The meeting was held at the United Engineering Center with an attendance of about 170 members and guests. The first item on the program was the showing of the 1977 Clio Awards films — the award-winning television commercials. Produced in many countries including Japan, Germany, Great Britain and the United States, most of the award-winning commercials were humorous. The audience reaction was enthusiastic and positive.

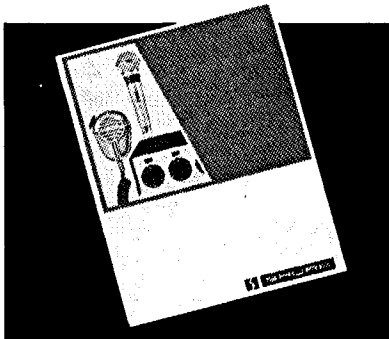
Next on the program was the presentation of a tutorial paper on photographic soundtrack technology by the author, Ronald Uhlig of Eastman Kodak. The paper gave a history of film sound with an explanation of the technology involved, which was then followed by a description of techniques currently used to produce high-quality optical soundtracks. A lively question-and-answer period followed the presentation. — Richard Marcus (Reporter), Rombex Productions Corp.; home address: 1380 Riverside Dr., New York, NY 10033.

New York, 15 Nov. — About 90 people turned up at the United Engineering Center to hear Al Leon of Consolidated Video Systems give a presentation on "New Techniques in Digital Time Base Correction." He noted that CVS was the first company to market a digital time base corrector. Leon then described the newest time base corrector manufactured by CVS. He said that this corrector had been specifically designed for heterodyne color under video recorders and, as a result, was less expensive than direct color correctors. Leon also described the chroma noise reduction system as well as the image enhancement and digital and analog circuit design. Following the presentation, Leon answered many and varied questions from the interested audience. — Richard Marcus (Reporter), Rombex Productions Corp.; home address: 1380 Riverside Dr., New York, NY 10033.

Ohio, 27 Oct. — The meeting, held jointly with newly formed chapters of IFPA (Information Film Producers of America) and ITVA (International Industrial Television Association), took place at Ohio Bell Visual Communications Center. The speakers were Peter Vollstadt and Dave Kennett, both of Ohio Bell. Vollstadt showed a series of demonstrations that he had made on film to show the differences between film and videotape in production. The demonstration included Ektachrome films 7242 and 7252, Kodachrome 40 and Color Negative 7247. The same scene had been made on videotape and was shown side by side with the filmed versions. Kennett showed a videotape of the equipment in his facility. A tour of the facilities followed, in-



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cluding a video conference room and a mobile TV van. — A. E. Florack (Secretary-Treasurer), Eastman Kodak Co., 101 Parmelee Dr., Hudson, OH 44236.

Pacific Northwest, 28 Oct. — The meeting was held at Pacific Northwest Bell in Seattle, Wash., with an attendance of 36 members and guests. The meeting began with a film, *Redesigning Paradise*, produced by Pal Productions for the Weyerhaeuser Corp. The film showed the newer uses of graphics in the media.

Next on the program was a presentation by the guest speaker, C. Eugene Newcomer, entitled "The Use of Closed Circuit Television in the Bell System and Pacific Northwest Bell." Following Newcomer's talk, the audience was taken on a tour of Pacific Northwest Bell's television studio. Philips Company had a studio version of the Video 80 camera set up in the studio for a demonstration. Representatives of the Philips Company were on hand to answer questions. They also showed a Philips video cassette which showed the development of the System 80 camera. — C. Eugene Newcomer (Secretary-Treasurer), Pacific Northwest Bell, 1200 Third Ave., Seattle, WA 98101.

Philadelphia, 1 Nov. — The meeting was held at Temple University's Annenberg Hall with an attendance of 39 members and guests. The first presentation was the *Clio Awards* film showing outstanding examples of art as used for advertising in the television industry. The examples shown were not only of commercials produced for distribution in the United States but also those produced by multi-national companies for distribution in foreign countries.

Dr. Timothy J. Lyons, Chairman of the Department of Radio-TV-Film at Temple University, gave a brief description of the Media curricula and course material. He also showed examples of films produced by students as their final class project. One of the films, *Styks*, depicted various scenes in the Philadelphia subway system. Another film, *Dominoe Champion*, showed the achievements of the dominoe champion of Philadelphia. A third film was on the subject of architecture and showed the restoration of the Philadelphia Fine Arts Museum. The meeting concluded with a tour of the university's Media facilities. — Irwin L. Ross (Secretary-Treasurer), WPVI-TV, 4100 City Ave., Philadelphia, PA 19131.

Philadelphia, 6 Dec. — The meeting was held at the WPVI-TV Studios. The meeting opened with the showing of a videotape, *The Making of Star Wars*, projected by the Advent Video-Beam provided through the courtesy of the Video Systems Division of Pierce-Phelps Inc. The tape, produced by ABC, showed the techniques employed in achieving many of the more than 300 special effects in *Star Wars*. Raymond Fielding of Temple University gave a presentation on "Special Effects in Cinematography." Dr. Fielding is the author of *The Technique of Special Effects Cinematography*, described as a "thorough, precise and scholarly work," in a review in the January 1966 *Journal of the SMPTE*. A film, produced by Dr. Fielding, was shown illustrating several types of optical effects and the steps involved in achieving them, followed by comments and a brief discussion of special effects. Dennis Pilgrim, President of the Pilgrim Film Services, Hyattsville, Md., then gave a talk on Optical Special Effects and showed a film produced for the U.S. Postal Service illustrating various optical effects and their uses. — Irwin L. Ross (Secretary-Trea-

sure), WPVI-TV, 4100 City Ave., Philadelphia, PA 19131.

Toronto, 8 Nov. — The meeting was held at Canadian Broadcasting Company's Training Center with an attendance of 35 members and guests. Edward L. Munday, Film Production Coordinator for CBC spoke briefly about a planned open house for staff, family and friends. To show properly the function of the Television Film Services would have required travelling to various places. The solution was to produce a film showing all of the activities of the group. In about six weeks everything was done from start to finish. The film shows the persons who do all of the work in producing a television film, including story writing, shooting, sound takes, rushes, editing, graphics, animation, etc., right down to the release print. Munday showed the film in its final form.

Darwin Willoughby, Supervisor of Television Transmission and Presentation, explained the problems of distribution caused by a network that extends 4200 miles and spans 6½ time zones. (Newfoundland is only a half hour out of step). In the early days of television, before the advent of videotape, shows would be sent by film from the main production center of the English Network in Toronto. When videotape arrived, a delay center was set up in Calgary to receive a microwave feed from Toronto. The show would be aired live in Ontario, Quebec and the Maritime/Newfoundland regions. Calgary would videotape the feed for later transmission in Central, Mountain and Pacific time zones. For the Northern areas, programs were on videotapes made on helical scan machines and shipped by aircraft to some 14 locations where they were played back on local transmitters.

Since February 1973 the network has been fed via the Anik Communications satellite. Eight ground stations across the country from Newfoundland to British Columbia have transmit/receive capabilities. The network Control Center in Toronto monitors and controls the system. In addition there are 38 "receive only" earth stations scattered throughout Northern Canada. Use of the satellite allows CBC to broadcast from any remote area where it is possible to set up a transportable disc to feed the satellite and the network. — R. J. Brule (Secretary-Treasurer), 3M Company, 790 Wellington St., London, Ont., Canada.

Washington, 16 Nov. — The meeting was held jointly with the International Industrial Television Association (ITVA) at the Red Cross Audiovisual Production Center in Falls Church, Va., with an attendance of 105 members and guests. The meeting was devoted to the subject of "Lighting" with Carlton Winckler as guest lecturer. His presentation was one of the most interesting and useful ever given at a Washington Section meeting. Relying on basic concepts interspersed with years of practical experience Winckler provided an overview of all aspects of picture making as they affect and are affected by lighting. He then discussed basic and advanced lighting techniques. He utilized the available production facilities to demonstrate how good lighting can improve picture quality. He showed how simple accessories can be used to improve dramatically a standard television lighting setup.

The meeting was preceded by a dinner at the Iron Skillet in Falls Church. — Charles F. Wilkinson, Jr. (Secretary-Treasurer), Eastman Kodak Co., 500 12th St., S.W., Washington, DC 20024.