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ROCHESTER-TORONTO, Sept. 23—The Little Convention, an annual joint meeting of the Rochester and Toronto Sections, was held in the Holiday Inn. The all-day meeting included a technical papers program (10 A.M. to 5 P.M.), a Ladies Program and, in the evening, a banquet and entertainment. The meeting was attended by some 200 members and guests.

The first Little Convention was held about a dozen years ago at Kingston, Ont., when members of the Canadian Section (now the Toronto and Montreal/Ottawa Sections) invited members of the Rochester Section to a joint meeting. Since then the Little Convention has been held each year in the fall with the meeting places alternating between Toronto and Rochester. Theme of this year's meeting was Telefilm 1972. The 1972 Little Convention was under the directorship of Ray DeMoulin and responsibility for the program was shared jointly by Hugh McNair and Dick Bauer.



Reid Ray Provides Motion-Picture Coverage of Little Convention

Reid Ray, of Rochester Institute of Technology, (shown above (R) with Ray DeMoulin) brought his motion-picture teaching staff and his senior motion-picture students to provide 16mm photography of the Little Convention.

#### Papers Program

Keynote speaker was *William Hedden* of Calvin Communications whose talk, a look into the future of the moving image as related to film and television, was entitled "Will It Fracture Your Crystal Ball?" Other speakers were:

*C. Bailey Neal*, of Sylvania Electric Co., who spoke on "Image Quality of Color TV Home Receivers."

*Herbert A. Starbird*, NBC Newfilm, discussed the news coverage of President Nixon's trip to China in a paper entitled "China: A Technician/Tourist's View."

*Rodger Ross*, Consultant, gave an interesting technical talk on the aspects of tape-to-film transfer in television. His

paper was entitled "Tape-to-Film Transfer."

*C. C. Bard*, Eastman Kodak Co., spoke on "Pollution in Perspective." His theme was, "Walk, don't run; but make progress on pollution and its problems."

*Donald Guthrie*, Cable TV of Rochester, presented a paper, "Cable Television," in which he discussed its aspects in terms of a specific local community.

*William Peters*, WBEN, Buffalo, N.Y., presented a paper on "The Making of Television Documentaries at the Local Level."

*John Lant*, National Film Board of Canada, presented a paper on "16mm Entertainment Productions."

#### Ladies Program

Mrs. Flo Sinnott headed the committee which arranged an excellent Ladies Program. Features included a fashion show, a wine and cheese party, and a choice between a matinee showing of the film, *Hospital*, or local shopping and browsing.

The evening's activities included a banquet, entertainment by the Sound Foundation Barber Shop Quartet and dancing to the orchestra of Howard Geyer. — *John R. Hester*, *Secretary-Treasurer*, (Eastman Kodak Co.) 274 Churchill Dr., Rochester, NY 14617

FLORIDA/CARIBBEAN, Jan. 19—The meeting was held at Warren Sound Studios with an attendance of 105. The speaker was *Lou Burroughs* of Electro-Voice who spoke on the subject of microphones.

Feb. 16—The meeting was held at the Grazani Restaurant in Miami with an attendance of 72. The speakers were *John Lupo* and *Richard Dubbe*, both of 3M Company.

June 21—The meeting was held at the Grazani Restaurant in Miami with an attendance of 67. The speaker was *Angelo Russ* who discussed film music editing.

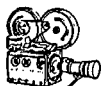
Sept. 20—The meeting was held at the Hollywood Beach Country Club with an attendance of 37. The speaker was a representative of *Richard Winra Productions*. He spoke on underwater photography—*Howard Warren*, *Secretary-Treasurer*, Warren Sound Systems, Inc., 35 N.E. 62 St., Miami, FL 33130.

ROCHESTER, June 8—The meeting was held at the Rochester Institute of Technology with an attendance of 78 members and guests. The meeting was a dinner meeting held jointly with the Rochester Chapter of the Society of Photographic Scientists and Engineers. Highlight of the evening was presentation of awards for the best photographic science papers and motion pictures produced by RIT students. *Reid Ray* was host of the event. The winning film

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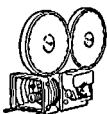
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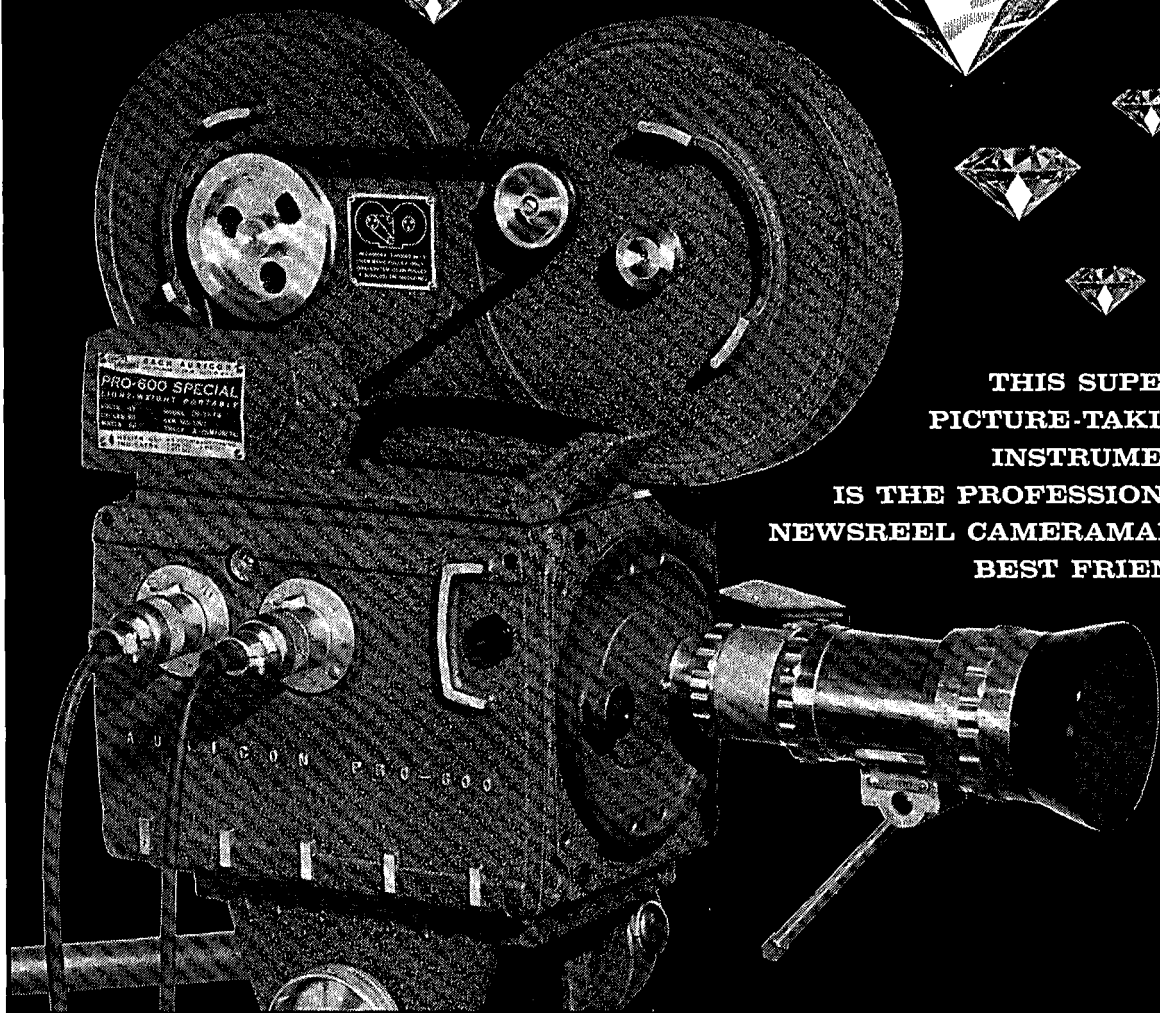
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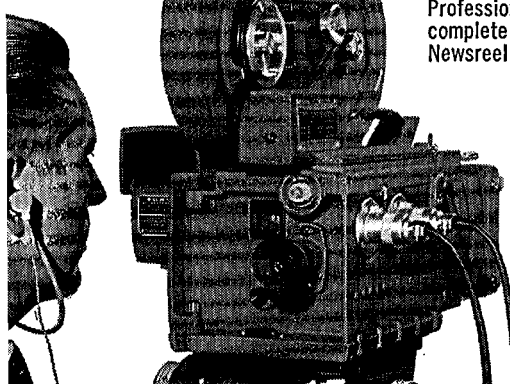
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was *Subway* by Harvey Duze and the winning paper was "An Investigation Into the Image Diffusion of a Kalvar Emulsion Upon a High-Intensity Short Duration Exposure" by Ira M. Long and Alan F. Turner.—John R. Hester, Secretary-Treasurer, (Eastman Kodak Co.), 274 Churchill Dr., Rochester, NY 14616.

DETROIT, June 20—The meeting was held at Wayne State University with an attendance of 22 members and guests. The speaker was Thomas J. Jordan, of General Electric Co., who spoke on "Television Station Automation." He described the use of a mini-process computer at various television station installations for performance of the master control functions. He also discussed in detail the application of the computer in providing services to the Traffic and Sales Depts.—R. L. Renaud, Secretary-Treasurer, (Browne Renaud Associates, Inc.), 2820 Maple Rd., Troy, MI 48084.

HOLLYWOOD, June 20—The meeting was held at the auditorium of the University of California, Los Angeles, with an attendance of 170 members and guests, preceded by a dinner at Monty's Steak House in Westwood. An historical film from UCLA archives, *Finding His Voice*, opened the meeting. The film was an amusing animated description of how optical soundtracks are made. Following the film a series of slides was shown depicting the physical plant of the UCLA Film and

Television facilities for teaching production techniques for film and television. Garry Margolis, John Weigand and Rick Holmes, all of UCLA, were narrators. Two films made by UCLA students were shown.—Kenneth D. Ehrhardt, Secretary-Treasurer, (NBC), 16809 Liggett St., Sepulveda, CA 91343.

SAN FRANCISCO, June 20—The meeting was held at the Eastman Kodak facilities in San Francisco with an attendance of 90 members and guests. John Lowry, of Image Transform, Hollywood, demonstrated the Image Transform system of tape-to-film transfer while giving a verbal description of and commentary on the process. He also demonstrated, with a 1-in videotape, some of the noise reduction and image processing techniques used on the Apollo 16 moon mission television transmission.—Joseph A. Semmelmeier, Secretary-Treasurer, (Eastman Kodak Co.), Box 3145, San Francisco, CA 94119.

OHIO, June 22—The meeting was held at Pioneer/Cleveland in Garfield Heights, Ohio, with an attendance of 46 members and guests. Speakers were R. C. Hakanson, a forensic photographer who specializes in evidence photography, and Dave Bickel of Hewlett-Packard. Mr. Hakanson gave an enlightening talk covering the use of forensic photography in law enforcement and use in court. Mr. Bickel discussed and demonstrated digital multi-meters, a portable oscilloscope, dc oper-

ated, and a pocket calculator. A videotape was shown covering the complete operation of counters. A social period followed, after which the group enjoyed a conducted tour of the Pioneer/Cleveland facilities.—Matthew N. Bracic, Secretary-Treasurer, (NBC), 6429 Hamden Rd., Parma Heights, OH 44130.

AUSTRALIA, July 19—The meeting was held at Videotape Corp. Pty. Ltd., Roseville, N.S.W. Thirty-seven members and guests were present. Speakers were A. E. R. Fox, Managing Director, and Brian Arrighi, Operations Manager of Videotape Corp. Mr. Fox gave a general introduction to the work of Videotape Corp., followed by a detailed explanation, presented by Mr. Arrighi, of the techniques and equipments used in making videotape color TV commercials. Both speakers presented demonstrations of camera registration and color balancing. The production of special effects and editing operations, using a matting generator videotape and disc recorders, were also demonstrated. Members of the audience came from Western Australia, Queensland, South Australia and Victoria.—Eddy Berlage, Secretary-Treasurer, (ABC-TV), Pacific Highway-Gore Hill, Sydney, N.S.W., Australia.

SAN FRANCISCO, Aug. 18—The meeting was arranged as a summer social. Sixty members and guests attended a dinner at Castagrolas Restaurant on Fisherman's Wharf, after which they boarded Barry Brose's cutter *Alert* for a two-hour moonlight cruise. It was a pleasant excursion and Walt Kisner deserves congratulations for the excellent arrangements.—Joseph A. Semmelmeier, Secretary-Treasurer, Eastman Kodak Co., Box 3145, San Francisco, CA 94119.

SAN FRANCISCO, Sept. 8—The meeting was held at the Eastman Kodak Marketing and Education Center with an attendance of 20 members and guests. Speakers were C. F. Wilkinson, R. F. Grant and F. X. Millor, all of Eastman Kodak Co. Two groups were formed, 10 of the 20 attending the meeting were conducted through the Kodak Videofilm Express, an expandable, 40-ft over-the-road trailer containing a full line of 16mm motion-picture production equipment, including an ME-4 color film processor and telecine chain. The second group heard Mr. Wilkinson present a paper on "The Videofilm Story," describing the relationships between film and electronic systems. There was an interim during which coffee and doughnuts were served, after which the two groups changed sections.—Joseph A. Semmelmeier, Secretary-Treasurer, Eastman Kodak Co., Box 3145, San Francisco, CA 94119.

PACIFIC NORTHWEST, Sept. 15—The meeting was held in the studios of KGW-TV, Portland, Ore., with an attendance of 41 members and guests. The speakers were Ray Grant and Chip Wilkinson, both of Eastman Kodak Co., who described the Kodak Videofilm Express, a 55-ft tractor trailer van containing a full complement of motion-picture film equipment. The two



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men presented a paper called "The Videofilm Story," which explained the technical requirements for preparing films that will reproduce well over television systems. Descriptions were given of both film and television systems and examples were shown. Presentation of the paper was followed by a tour of the Kodak Video Film Express. Equipments demonstrated included an ME-4 processor, a 16mm super-8 television system and other recently developed equipments for the motion-picture and television industries. The meeting also included conducted tours of the KGW-TV master control and King Film Lab.—Richard Althoff, *Secretary-Treasurer*, (King Film Lab), 1501 S.W. Jefferson St., Portland, OR 97201.

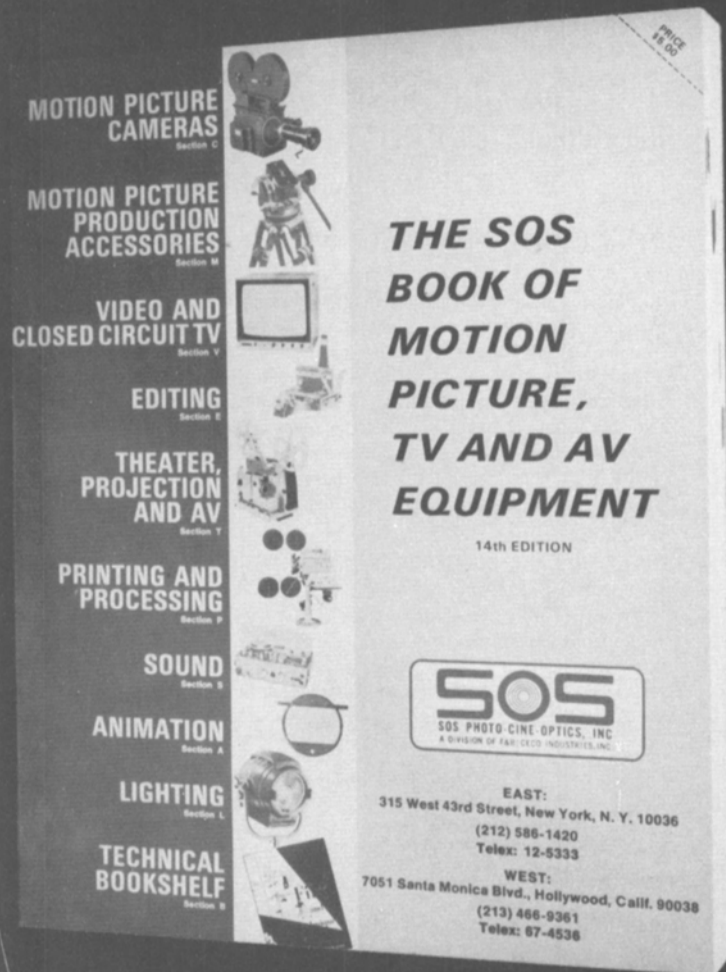
HOLLYWOOD, Sept. 19—The meeting was held in NBC Rehearsal Hall #3 with an attendance of 84 members and guests. The meeting was opened by the showing of an excellent film supplied by the University of Southern California's Dept. of Cinema. The speakers were Frank Kelly, of the Computerized Pollution Abatement Corp., and George E. Bant, of Herbert Products, Inc. Mr. Kelly read a paper by Thomas N. Hendrickson, "Treatment of Complex Cyanides for Reuse and/or Disposal." The paper dealt with the treatment of effluents from film processing operations. Results of a survey on allowable concentrations of various chemical elements in discharge to municipal sewage systems were reported. A system of recovery and treatment which exceeded the requirements was described.

Dr. Bant presented a paper on "Static Electricity: Its Causes and Elimination." The paper described causes of static electricity build-up in various industrial processes. Various methods were described for either eliminating the cause and/or bleeding off the static electricity before it could cause damage. A system which uses alpha radiation to ionize air in a given area to discharge static electricity was described in detail.—Kenneth D. Erhardt, *Secretary-Treasurer*, (NBC), 16809 Liggett St., Sepulveda, CA 91343.

ATLANTA, Sept. 20—The meeting was held at the Eastman Kodak Marketing Center in Atlanta with an attendance of 24 members and guests. A program on "The Videofilm Story" was presented by Bob Baker and Bill Reddick, both of Eastman Kodak Co. A slide presentation showed how the television system sees and transmits film. Mr. Baker explained how the entire video system looks at film and he also explained the operation of telecine chains, vidicons and picture tube operation. Mr. Reddick explained video film production and what the filmmaker must do to make his film look right on the output of the television system. He explained film sensitometry and film choices with their different characteristics. The importance of using a spot meter for determining the lighting and brightness ratios in a scene was stressed. An ideal TV preview room was described.—Gerald M. Crowder, *Secretary-Treasurer*, Provence Productions, Inc., 477 Armour Circle, N.E., Atlanta, GA 30324.

NASHVILLE, Sept. 23—The meeting

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**PURPOSE:** This seminar is dedicated to the many military users, engineers, scientists and equipment manufacturers who are engaged in the video recording field. The seminar is intended to generate "free and spirited" discussions which reveal new and fresh ideas and expose both real and hypothetical problems.

The scope of this meeting will mainly be concerned with video recording for electro-optical sensors emphasizing television and forward looking infrared. However, exceptional papers in instrumentation and line scan recording of significant interest to the general area of raster scan video recording are also invited as well as submissions in reconnaissance, weapon delivery, pilot training and test and evaluation.

**REQUIREMENTS AND UTILIZATION:** Applications, requirements and utilization of video recordings and video recording devices from the military user's point of view are invited with specific references to past successes or failures. Topics include aircraft physical restraints, maintenance requirements, ground crew and air crew task restraints, typical sensor and data inputs and utilization of the records, image fidelity requirements and cost/performance tradeoffs.

**VIDEO TAPE RECORDING:** Papers are welcome which describe magnetic tape techniques as a solution to airborne video recording problems. Topics of interest include such areas as helical scanning, transverse scanning, wideband recording, bandwidth compression and data recovery, timebase stability, tape handling, packaging, size reduction, standards, recording media and recent experiences with magnetic tape recording as a solution to unique or unusual problems.

**VIDEO FILM RECORDING:** Papers are invited for this session on new and significant efforts in Kinescope, Laser beam and Electron Beam recording techniques. Recent experiences, as well as new and innovative approaches to airborne video recording yielding pictorial images on film are included. Topics include recording formats, resolution/bandwidth tradeoffs, film transports, special recording CRT's, image fidelity, exotic films, film processing, cost of ownership and playback or projection techniques.

**SPECIAL VIDEO RECORDING TOPICS:** Session is intended to present papers of a broader scope and to provide authors with a greater latitude in reporting on topics of a more exotic nature. Topics may include special techniques or ideas of general or specific interest to video recording or record utilization and sensor/recorder compatibilities, dynamic range expansion, level slicing, synthetic and natural color, isometric presentation, stereo, spatial and geometric image enhancement, new measures of performance, new standards, exotic components and materials and technological forecasting.

**FORUM:** Three to five minute papers are invited dealing with the author's point of view on some particular segment of video recording.

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was held in the Woodland Sound Studios in Nashville with an attendance of 22 members and guests. The speakers were Don Tweedy and Tommy Semmes, of Don Tweedy Productions, who spoke on "Interlock Sound on Film Recording of Background Music." Mr. Tweedy's talk dealt mainly with the preparation and creation of background music for specific situations. A tour of the studios was conducted following the meeting — John F. Swanson, *Secretary-Treasurer*, (WLAC-TV), 2601 Lincoya Dr., Nashville, TN 37214.

**AUSTRALIA, Sept. 27** — The meeting was held in the Large Hall of the Science House in Sydney with an attendance of some 40 members and guests, including members from Tasmania and Victoria. The meeting consisted of a panel discussion on The Roles of Videotape and Film in Future Program Production and Distribution. Panel Chairman was A. K. Hurley, Manager of Artransa Park Studios. Panel members were B. Arrighi, Operations Manager and Chief Engineer of Videotape Corp., Pty., Ltd., and A. R. Jepson, Chief Engineer of Atlab Motion Picture Laboratory. Mr. Jepson discussed the use of film and Mr. Arrighi discussed videotape and its applications. Both media were well covered and the discussion illuminated some problem areas, especially some associated with future automated systems and the requirements of commercial operations. It was also brought out that cost would be an important factor in making a choice between, for example, *The Champ* (film) and *The Contender* (videotape). It was a most fruitful and informative discussion, indicating clearly that both film and videotape have specific applications, as in the past, and will continue to fulfil their role in television broadcasting. — Eddy Berlage, *Secretary-Treasurer*, ABC-TV Engineering, Pacific Highway-Gore Hill, Sydney, N.S.W., Australia

**OHIO, Sept. 28** — The meeting was held at Cleveland State University in the new TV studio in University Tower with an attendance of 44 members and guests. The meeting was opened by Thomas Spence, Chairman of the Ohio Section, who welcomed the members of the new Student Chapter at Cleveland State Univ. — the first SMPTE Student Chapter in Ohio. John J. Wright, Assistant Director of Telecommunications, Instructional Media Services, who is Student Chapter Advisor of the new Chapter, told the group of the many practical aspects of the new TV studio. Tony Schneider, Manager of Marketing Development, B&K Instruments, presented a paper on "Acoustical Measurements for OSHA," supported by visuals. He gave a thought-provoking talk, graphically demonstrating the effect that various sound levels have on our day-to-day lives. He also discussed the technical aspects of sound, the weighting networks and the B&K sound level meters. The presentation was followed with a question and answer session and the meeting was concluded with a tour and demonstrations of the university's two studios, 20-room color distribution system, television micro-teaching system and the remote color TV van. —

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By Harold E. Edgerton  
384 pages, illustrated

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Matthew M. Bracic, *Secretary-Treasurer*, (NBC), 6429 Hamden Rd., Parma Heights, OH 49130.

ROCHESTER, Oct. 10—A joint meeting of the Rochester Section, the Optical Society of America and the Society of Photographic Scientists and Engineers was held at the Rochester Institute of Technology with an attendance of 453 members and guests. The speaker was Harold E. Edgerton who spoke on *Electronic Flash Light*. Dr. Edgerton, who is known internationally as an authority on high-speed photography, spoke of his work in the fields of strobe lighting, high-speed photography and underwater photography. The program included demonstrations of strobe cameras and the showing of high-speed motion pictures—John R. Hester, *Secretary-Treasurer*, (Eastman Kodak Co.), 274 Churchill Dr., Rochester, NY 14617.

DALLAS/FORT WORTH, Oct. 12—A special dinner meeting, arranged by Franklin R. Reinking, Chairman of the Dallas/Fort Worth Section, assisted by Malcolm McMarthy, was held at Sammy's Restaurant in Dallas. Guests were members of the local chapter of the Information Film Producers of America. About 50 persons attended. Warren Skaaren, Executive Director of the Texas Film Commission, was guest speaker. His talk was preceded by a Texas-produced film, *To Sarah Lee*. The film was produced by Peter Gill and directed by Richard Black. Mr. Skaaren spoke of the work of the Texas Film Commission during its first year of operation. Film Commissioners Bruce Jamieson, G. William Jones and Jane Kelton were also present. A question-and-answer period followed Mr. Skaaren's speech.—Gary Jones, *Secretary-Treasurer*, (WFAA Productions), 3883 Turtle Creek Blvd., Dallas, TX 75219.

SAN FRANCISCO, Oct. 12—The speaker was Glen Pose, of Ampex, who had been sent to Munich to support the Ampex equipment leased to the Olympic Committee. His behind-the-scenes descriptions of the operations of a variety of world broadcasters was most interesting. The audience of 55 thoroughly enjoyed the program.—Joseph A. Semmelmeier, *Secretary-Treasurer*, Eastman Kodak Co., Box 3145, San Francisco, CA 94119.

CHICAGO, Oct. 17—The meeting was held in the Sheraton Chicago Hotel with an attendance of 38 members and guests. It was preceded by a dinner held in the hotel's Blacksmith Room. The speaker was Jerry Coder, Surveillance and Instrumentation Representative of Eastman Kodak Co., who presented a paper on "Use of Film in Surveillance." He explained the reasons for the different types of film emulsions used. He described the various types of cameras used in surveillance work and explained the reasons for the various speeds at which the cameras are run as well as the uses of various focal length lenses. He described specific situations to illustrate the uses of certain combinations of film, camera and lens. Camera speed and placement and when and how the cameras are turned on are also relevant.

He showed a few examples of paper print enlargements made for law enforcement officials from frames of a film. The meeting was concluded with a question-and-answer period.—Mathias J. Herman, *Secretary-Treasurer*, (Geo. W. Colburn Labs), 9104 Birch Ave., Morton Grove, IL 60053.

MONTREAL/OTTAWA, Oct. 17—The meeting was held at the National Film Board of Canada's headquarters in Montreal with an attendance of some 30 members and guests. The speakers were David Tate, Len Allen and Chester Beachell. Mr. Tate and Mr. Allen are with Canadian Aviation Electronics, Mr. Tate as Director of Engineering and Mr. Allen as Group Leader. Mr. Tate presented a paper on "Visual Flight Simulation" which described in some detail the experiences of Canadian Aviation Electronics engineers in the production of flight simulators and traced the historical development of the devices. Mr. Allen gave an illustrated presentation which showed in detail the construction of flight simulators, showing in particular the model design and probe TV camera arrangement for the equipment.

Following a coffee break, by courtesy of the National Film Board of Canada, Mr. Beachell presented a paper on "The Development of Electronic Means for Tracking Killer Whales." Both visual and audio equipments were used to illustrate the paper. Photographs of the killer whales filmed by Mr. Beachell while he occupied an enclosed tank with the whales were shown. A short film on Mr. Beachell's work with the whales will soon be released.

It was indeed unfortunate that there was such a small turnout for such interesting papers. Possibly a world series evening baseball game accounted for this.—A. Dunstan Russell, *Secretary-Treasurer*, Alex L. Clark Co., Ltd., 1070 Bleury St., Montreal, P.Q., Can.

OHIO, Oct. 26—The meeting was held at the Medical Professional Building Auditorium in Ohio State University Hospital, Columbus, Ohio, with an attendance of 20 members and guests. The speaker was Robert Potts, Director of the Medical Audio/Visual Television Center. He described the history of the audio-visual teaching facility, the largest in the United States. Slides were shown of the entire medical complex including present audio-visual facilities and plans for the future. Via the TV monitors in the auditoriums, Mr. Potts showed videotapes of actual operations, including a gall bladder operation, arm surgery and a throat operation. He also showed University-produced dramatic shows with medical messages for the patients. The quality and color rendition of the videotapes were excellent. Following the talk, which elicited a number of questions from the audience, Mr. Potts and Bob Hankey, Chief Engineer of the Audio/Visual Television Center, conducted a tour of several of the medical complexes. The meeting concluded with a social period hosted by Helen Brehm, Administrative Assistant of the Television Center.—Matthew M. Bracic, *Secretary-Treasurer*, (NBC), 6429 Hamden Rd., Parma Heights, OH 49130.