



DETROIT, 29 Jan.—The meeting was held in the Bell Telephone Building with an attendance of 36 members and guests. The meeting convened in the lobby of the operations center of the Michigan Bell Telephone Co. Those attending were placed in various groups for comprehensive tours of the center. Shown were modern installations of the receiving, transmission, signal processing, routing and distribution facilities for local and long-line services for voice, video and computer customers. Supervisors and technicians in the various areas gave detailed accounts of their respective responsibilities and described the design and operation of equipment used in the various areas. — Ted H. Horn (Secretary-Treasurer), Chrysler Corp., 12000 Oakland St., Highland Park, MI 48203.

DALLAS/FORT WORTH, 7 Feb. — The meeting was held in a banquet room of the Clocks of Five Restaurant with an attendance of 42 members and guests. The speakers were Robert Friedman of the Dallas Cowboys Photo Services and James Meyers of the Dallas Cowboys Coaching Staff. Mr. Friedman showed some of the

first and also the most recent cameras he has used in filming Dallas Cowboy games and practice sessions for the Dallas Cowboys Coaching Staff. He discussed his early experiences, equipment and working conditions. He also showed some game films, explaining how his films differ from those the average fan would prefer.

Mr. Meyers, Offense Coordinator and Line Coach, reviewed some of the game films and explained how he uses them. He also explained the Cowboys' system of grading players and charting performances. — Addison T. Steven (Secretary-Treasurer), Eastman Kodak Co., 6300 Cedar Springs Rd., Dallas, TX 75235.

NASHVILLE, 7 Feb.—The meeting was held in WLAC-TV, Studio A, with an attendance of 39 members and guests. Norm Liebman spoke on "Special Application Microphones." He demonstrated wireless and shotgun mikes. Since members in both motion-pictures and television have audio pickup problems the program was of interest to all. — John F. Swanson (Secretary-Treasurer), WLAC-TV, 474 James Robertson Pkwy., Nashville, TN 37219.

CHICAGO, 12 Feb.—The meeting was held in Studio D, NBC-TV, in the Merchandise Mart. Stan Miller, President of Rosco Laboratories, spoke on "Color is Light." He made an exciting presentation of the use of color media in lighting for both film and television. He illustrated his talk by showing samples of materials available for converting daylight, correcting tungsten-halogen, and for diffusion, reflection and fluorescent light balancing. He also showed the new Osram high-intensity light source made in Europe which produces a color temperature of 7000 K with a minimum of heat. — Byron L. Friend (Secretary-Treasurer), Telecine Film Studios, Inc., 100 S. Northwest Hwy., Park Ridge, IL 60068.

DETROIT, 19 Feb.—The meeting was held in the auditorium of WWJ AM/FM/TV with an attendance of 36 members and guests. Speakers were Ken Rice and Claus Zedler, both of Angenieux Corp. of America. Mr. Rice discussed the Angenieux 15:1 broadcast zoom lens and Mr. Zedler discussed the 12-120mm cine zoom lens. The lenses were demonstrated by a projection analysis method developed at Angenieux. — Ted H. Horn (Secretary-Treasurer), Chrysler Corp., 12000 Oakland St., Highland Park, MI 48203.

BOSTON, 20 Feb.—The meeting was held in the Eastman Kodak offices at Wellesley, Mass. with an attendance of 50 members and guests. Subject of the program was Super-8 Film and Equipment. The speakers were Jay Van Holt and Paul Hindz, both of Eastman Kodak. Mr. Van Holt described some communication problems in industry concerning training, safety, call reports and management communication. He showed how some solutions could be obtained economically by the use of super-8 film.

Mr. Hindz covered the hardware portion of the program by describing new super-8 cameras, processors, projectors and video-players. The various products were shown in operation followed by a question-and-answer period. The audience was then invited to a "hands-on" display of super-8 equipment by Kodak and other manufacturers of cameras, editors and lip sync devices. — John P. Olsen (Secretary-Treasurer), Foxboro Corp., Neponset Ave., Foxboro, MA 02035.

ROCHESTER, 21 Feb.—The meeting was held at the Memorial Art Gallery with an attendance of 60 members and guests. A joint SPSE-SMPTE meeting with the SMPTE acting as host, it was preceded by a film, *I Fly Them, I Crash Them, I Fix Them*, supplied by Eastman Kodak Co. The speaker was Robert Walker, Director of Advanced Systems, CBS Laboratories, Stamford, Conn., who presented a Report on Progress and Experience With the Laser Film Recorder. He described a three-year experience with the Laser Film Recording equipment using various types of film stocks. He illustrated his talk with slides and with motion-picture samples of the experiments being conducted. A complete and understandable explanation of color separation problems and crossover curves with emulsion differences was given. A lively question-and-answer period followed Mr. Walker's presentation.



The new CLD-1100 Sync Pulse Generator from CBS Laboratories features digital-circuit design. Unique design enables maximum adaptability in pulse systems and achieves virtually perfect timing between dissimilar studios. Unit stability is derived from a timing circuit employing a single servoloop where the 3.58 MHz color frequency is generated from a 14 MHz crystal reference source. Contact us for quotes on your new sync systems. From CBS Laboratories, of course.

CBS LABORATORIES
A Division of Columbia Broadcasting System, Inc.
227 High Ridge Road, Stamford, Connecticut 06905

A second feature of the program was a presentation by William Hedden, SMPTE Sections Vice-President, of a slide-tape show, *114th SMPTE Conference (New York) Equipment Exhibit*, one of the recorded papers and audio-visual presentations prepared at Society headquarters for lending to the Sections. Five such presentations have been completed and others are being prepared.

The meeting was preceded by a dinner at Eddies Chop House.—Reid H. Ray (Secretary-Treasurer), RIT College of Graphic Arts and Photography, One Lomb Memorial Dr., Rochester, NY 14623.

TORONTO, 26 Feb.—The meeting was held in the Photo Arts Building of Ryerson Polytechnical Institute with an attendance of 34 members and guests. The meeting opened with a review of *Grey Cup 1973*, a film produced by Chetwynd Films, of special interest to football fans. The speakers were Fred Goodall of Kodak Canada and Harold Eady of Bonded Services International. Mr. Goodall discussed certain super-8 products recently announced by Eastman Kodak. He illustrated his talk with films and slides. Mr. Eady, an SMPTE Governor for the Canadian Region, discussed Society activities.

The meeting was preceded by a dinner at the Town and Country Restaurant.—Robert McKinstry (Secretary-Treasurer), Ontario Educational Communication Authority, 2180 Yonge St., Toronto, Ont., Can.

OHIO, 28 Feb.—The meeting was held in the facilities of Ohio Bell Telephone Co. in Cleveland with an attendance of 34 members and guests. The speakers were Jim Reynolds of Ohio Bell and Jon Carter, Vice-President of Movie Makers, Inc., who led a discussion on film and television production techniques. The program opened with the showing of a videotape on state-of-the-art film-tape production techniques which prompted a lively discussion on the relative merits of different methods and the uses of different types of equipment. During the meeting samples of 16mm frames were shown to demonstrate the results of using different combinations of negative and positive film. Television image enhancement and a split screen of first- and eighth-generation quad tape were also demonstrated. Ohio Bell's homebrew time-code editing system for television was shown together with a brief sample of edited material.—David W. Kennett (Secretary-Treasurer), Ohio Bell Telephone Co., 100 Erieview Plaza, Cleveland, OH 44114.

MONTREAL/OTTAWA, 5 Mar.—The meeting was held at Air Canada Base in Montreal with an attendance of 75 members and guests. D. M. de Fraguier for Air Canada, assisted by Mrs. Louis Robic and Francois Lalonde, conducted a comprehensive guided tour of the maintenance facilities, including the overhaul and preventative maintenance of sophisticated airborne solid-state electronic equipment. On view in the hanger were a Lockheed 1011 jumbo jet and a stripped-down DC8 undergoing its 19-day overhaul.—Jacques Lambert (Secretary-Treasurer), Lambert, Lepage, Labbe, Inc., 3275 Prieur St. E., Montreal 459, Que., Can.

ICRO-MACHINING EXACTLY TO YOUR SPECS • CLOSE TOLERAN
 NING • MILLING • DRILLING • HONING • BORING • FINEST FINISHI
 ABLE DESIGN • ENGINEERING HELP IF DESIRED • CAREFUL PLANNII
 ANDLING • MICRO-MACHINING EXACTLY TO YOUR SPECS • CLC
 ERANCE TURNING • MILLING • DRILLING • HONING • BORING • FINE
 SHING • MODERN PLANT AND EQUIPMENT • ADVANCED TECHNIQU
 IGHLY SKILLED WORKMEN • YEARS OF SPECIALIZED EXPERIEN
 GID QUALITY CONTROLS • THESE ARE FACTS • CAPABLE DESI
 NGINEERING HELP IF DESIRED • CAREFUL PLANNING • HANDLII
 ICRO-MACHINING EXACTLY TO YOUR SPECS • CLOSE TOLERAN
 NING • MILLING • DRILLING • HONING • BORING • FINEST FINISHII
 DERN PLANT AND EQUIPMENT • ADVANCED TECHNIQUES • HIGH
 LED WORKMEN • YEARS OF SPECIALIZED EXPERIENCE • RIGID QUAL
 ITROLS • THESE ARE FACTS • CAPABLE DESIGN • ENGINEERII
 P IF DESIRED • CAREFUL PLANNING • HANDLING • MICRO-MACHINII
 CTLY TO YOUR SPECS • CLOSE TOLERANCE TURNING • MILLII
 RILLING • HONING • BORING • FINEST FINISHING • MODERN PLA
 EQUIPMENT • ADVANCED TECHNIQUES • HIGHLY SKILLED WORKM
 ARS OF SPECIALIZED EXPERIENCE • RIGID QUALITY CONTROLS • THE
 FACTS • CAPABLE DESIGN • ENGINEERING HELP IF DESIRED
 EFUL PLANNING • HANDLING • MICRO-MACHINING EXACTLY TO YO
 CS • CLOSE TOLERANCE TURNING • MILLING • BORING • HONII
 ORING • FINEST FINISHING • MODERN PLANT AND EQUIPMENT
 ANCED TECHNIQUES • HIGHLY SKILLED WORKMEN • YEARS
 IALIZED EXPERIENCE • RIGID QUALITY CONTROLS • THESE ARE FAC
 PABLE DESIGN • ENGINEERING HELP IF DESIRED
 ANDLING • MICRO-MACHINING EXACTLY TO YOUR SPECS • CLOSE
 ERANCE TURNING • MILLING • DRILLING • HONING • BORING • FINE
 SHING • MODERN PLANT AND EQUIPMENT • ADVANCED TECHNIQUES
 GHLY SKILLED WORKMEN • YEARS OF SPECIALIZED EXPERIENCE
 GID QUALITY CONTROLS • THESE ARE FACTS • CAPABLE DESIGN • EN
 GINEERING HELP IF DESIRED • CAREFUL PLANNING • HANDLING • MI
 ICRO-MACHINING EXACTLY TO YOUR SPECS • CLOSE TOLERANCE
 NING • MILLING • DRILLING • HONING • BORING • FINEST FINISHI
 DERN PLANT AND EQUIPMENT • ADVANCED TECHNIQUES • HIGHLY
 LED WORKMEN • YEARS OF SPECIALIZED EXPERIENCE • RIGID QUAL
 TROLS • THESE ARE FACTS • CAPABLE DESIGN • ENGINEERING HEL
 P IF DESIRED • CAREFUL PLANNING • HANDLING • MICRO-MACHINII
 CTLY TO YOUR SPECS • CLOSE TOLERANCE TURNING • MILLII
 RILLING • HONING • BORING • FINEST FINISHING • MODERN PLA
 EQUIPMENT • ADVANCED TECHNIQUES • HIGHLY SKILLED WORKM
 ARS OF SPECIALIZED EXPERIENCE • RIGID QUALITY CONTROLS • THE
 FACTS • CAPABLE DESIGN • ENGINEERING HELP IF DESIRED
 EFUL PLANNING • HANDLING • MICRO-MACHINING EXACTLY TO YO
 CS • CLOSE TOLERANCE TURNING • MILLING • BORING • HONII
 ORING • FINEST FINISHING • MODERN PLANT AND EQUIPMENT
 NCED TECHNIQUES • HIGHLY SKILLED WORKMEN • YEARS O
 LIZED EXPERIENCE • RIGID QUALITY CONTROLS • THESE ARE FACTS



Your Best Source — Not for every part you use perhaps, but for those *critical parts* and assemblies where so much depends on the proper functioning of a few key parts—this is the source of supply.

Wouldn't you feel more comfortable knowing that your critical parts were being produced by the people whose skills, equipment and experience contribute to the exploration of space and make possible the more sophisticated devices in so many fields today?

Send for our Brochure AB-65 and/or send us your specs for quote.



SINCE 1908

LaVezzi machine works, inc.
 900 N. Larch Ave. • Elmhurst, Ill. 60126
 (312) 832-8990

12 HOUR EGO & EFF

Overnight processing and work printing

Douglas also offers you scene-by-scene additive color 16 mm reversal negative or positive printing; scene-by-scene additive color Super 8 reduction printing; 35 mm color film strips and slides; 16 & 35 mm electronic color analyzing; color reversal intermediate; complete 35, 16 and Super 8 lab services.

**DOUGLAS
FILM
INDUSTRIES**



10 W. KINZIE
CHICAGO ILL.
CALL COLLECT
(312) 664-7455

DALLAS/FORT WORTH, 7 Mar. — The meeting was held at the Eastman Kodak Co. facilities at 6300 Cedar Springs Rd. in Dallas. The speaker was L. G. Sims of LTV Aerospace who spoke on Animation. He presented aspects of generating animation from storyboard to finished film. Using a flip chart and several 16mm films, Mr. Sims explained the use of a custom-designed digital calculator control for the animation stand, explaining how the system can be used for producing slit-scan photography. The presentation was followed by a lively question-and-answer period. — Addison T. Steven (Secretary-Treasurer), Eastman Kodak Co., 6300 Cedar Springs Rd., Dallas, TX 75235.

NASHVILLE, 9 Mar. — The meeting was held at the Grand Ole Opry House, Opryland USA, attended by 82 members and guests. For this new production facility, the technical aspects were described by Aaron Shelton, David Hall and Lee Whitehurst, all of WSM-TV. Mr. Hall discussed the physical properties of the new studio; Mr. Whitehurst spoke on the technical equipment installation; and Mr. Shelton presented a paper on the elaborate radio frequency shielding techniques employed in the construction of the plant. Following the presentations, guided tours were conducted throughout the Grand Ole Opry House. — John F. Swanson (Secretary-Treasurer), WLAC-TV, 474 James Robertson Pkwy., Nashville, TN 37219.

NEW YORK, 12 Mar. — The meeting was held at the United Engineering Center with an attendance of 101 members and guests. Speakers were Marvin Seligman, Vice-President of Lowel Light, Inc., who spoke on "Lighting for Remote Location Scenes," and Peter Birnstein, Manager, Commercial Engineering, Amperex Electronic Corp., who spoke on "Plumbicon Tubes — Some Problems and Solutions." One of the main events on the program was a panel discussion on "Why Can't They Be More Careful With Film?" with moderators Edward Reingold, Engineering Manager, Film Operations, WNET-EBC; Calvin Hotchkiss, Sales and Engineering Representative, Eastman Kodak Co.; and Burton Stone, President, Precision Film Labs, Inc.

Mr. Seligman demonstrated the Lowel Tota-Lite Systems with emphasis on light weight and versatility. Mr. Birnstein presented a videotape entitled *Video Seminar One* showing details of the manufacture and use of Plumbicon tubes.

Opinions on the proper handling of film were given by the panel members, with Mr. Reingold presenting the point of view of television engineers; Mr. Hotchkiss, the rawstock manufacturer; and Mr. Stone, a motion-picture laboratory viewpoint. The panel discussion was followed by a lively question-and-answer session. — Burton Stone (Manager), Precision Film Labs., 630 Ninth Ave., New York, NY 10018.

ROCHESTER, 21 Mar. — The meeting was held in Building 69 in Kodak Park. A joint meeting of the SMPTE and the Society of Photographic Scientists and Engineers, it was attended by 185 members and guests of the two organizations. The meeting consisted of a tour of Eastman Kodak's Photographic Technology Div.

The group was divided into six sections to tour the Photo Studio, Photofinishing Pilot Lab, Graphic Arts, Microfilm Dept., Motion Picture, Sound and Super-8 Laboratories. The tours were preceded by a multi-media presentation in the eighth floor auditorium where a welcome was given by Howard Vogt, Division Director. — Reid H. Ray (Secretary-Treasurer), RIT College of Graphic Arts and Photography, One Lomb Memorial Dr., Rochester, NY 14623.

ATLANTA, 25 Mar. — The meeting was held at the facilities of the Cinetron Computer Systems, Inc., at Norcross, with an attendance of 38 members and guests. The speakers were Hugh A. Bondy, Chief Engineer of WAGA-TV; and Charles Vaughn, President of Cinetron. Mr. Bondy presented a survey of new developments in the broadcast field. Mr. Vaughn presented a paper on "Expanded Creativity in Animation." He discussed the basics of animation and its progress. He explained how computer-controlled animation equipment permits greater freedom for creativity as the computer rapidly absorbs the responsibility for calculating moves in a most precise manner. The presentation was illustrated by 16mm prints of completed productions followed by a demonstration of the equipment in operation. The meeting was attended by 29 members and nine guests. Three applications for active membership were received. — William J. Reddick (Secretary-Treasurer), Eastman Kodak Co. AVMD, 1775 Commerce Dr., N.W., Atlanta, GA 30318.

CHICAGO, 26 Mar. — The meeting was held at the Marriott Hotel with an attendance of 80 members and guests. The speakers were Byron L. Friend of Telecine Film Studios, Inc., and William Hedden of Calvin Communications, Inc. Mr. Friend gave a well-illustrated presentation on "Electronic Film/Tape Production." He described the production of an educational film which utilized both film and tape as well as computerized electronic editing. Mr. Hedden described new equipment for professional motion-picture use illustrated with slides taken at the Society's 114th Technical Conference in New York. His presentation was interesting, informative and well illustrated. An intensive question-and-answer period followed. — Byron L. Friend (Secretary-Treasurer), Telecine Film Studios, Inc., 100 S. Northwest Hwy., Park Ridge, IL 60068.

MONTREAL/OTTAWA, 26 Mar. — The meeting was held at Maison Radio-Canada with an attendance of some 125 members and guests. The program was unusual in that the women and the men attended separate programs. The women attended a recording session in a television studio where they could observe such procedures as special visual effects, make-up, hair dressing, costume, etc. The other group observed the camera control unit, the Ampex 2-in videocassette and the computer operation of Radio Canada — Jacques Lambert (Secretary-Treasurer), Lambert Lepage, Labbe, Inc., 3275 Prieur St. E., Montreal 459, Que., Can.

TORONTO, 26 Mar. — The meeting was held at the Ryerson Photo Arts Building

with an attendance of 35 members and guests. The meeting opened with a film, *Words Are Wild Birds*, presented by the Ontario Educational Communications Authority. The film recently won an Ohio State award for educational programming.

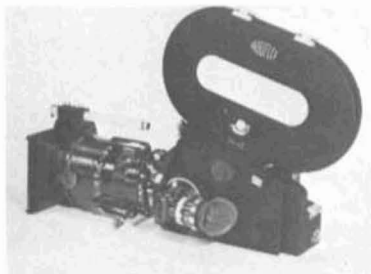
The speaker, J. L. Moreland of the Faculty of Science, School of Optometry, University of Waterloo, Waterloo, Ont., presented an interesting tutorial talk on color vision and methods of identifying people with defective color vision. Referring to C.I.E. color diagrams, Dr. Moreland explained the basics of color vision and the encoded electrical pulses sent to the brain. Using the C.I.E. diagrams, he explained the basis of most present-day color testing for both congenital and acquired color defects. The demonstration material and the presentation caused considerable audience participation and interchange. A lively question-and-answer period followed the presentation. Dr. Moreland also explained the activities of the Canadian Society for Color in Science, Industry and Art, of which he is President. — Robert McKinstry, Ontario Educational Communications Authority, 2180 Yonge St., Toronto 12, Ont., Can.

DETROIT, 30 Mar. — The meeting, held in the North Plant (the new printing plant of *Detroit News* in Sterling Heights, Mich.), with an attendance of 97 members and guests, was highlighted by a tour of the plant conducted by various staff members. The plant is highly computerized and is designed to provide faster and better production of the paper. It is regarded by the industry to be a pioneering venture in electronic communications as applied to newspaper publishing. After a comprehensive tour of the North Plant's highly automated facilities, a 20-min motion picture, *From the Ground Up*, was shown. It depicts the planning construction and operation of the North Plant. A question-and-answer session followed the showing of the film. — Ted H. Horn (Secretary-Treasurer), Chrysler Corp., 12000 Oakland St., Highland Park, MI 48203.

OHIO, 1 Apr. — The meeting was held at the General Electric facilities at Nela Park, Cleveland, with an attendance of 24 members and guests. The speakers were David Snow and Charles Clark, both of General Electric. Dr. Snow spoke on "Tungsten Wire as a Filament" and Mr. Clark spoke on "New Lighting Developments." Several important aspects of the physical metallurgy of lamp-doped tungsten filament wire were discussed, particularly the role of potassium-stabilized bubbles in creating a sag-resistant grain structure. Dr. Snow's presentation was centered on a 14-min film showing the techniques for the study of the structure and sag-resistance of tungsten wire used at the Refractory Metals Laboratory of the General Electric Refractory Metals Products Dept. The film included footage of bubbles in tungsten containing moving liquid potassium photographed on the fluorescent screen of a transmission electron microscope.

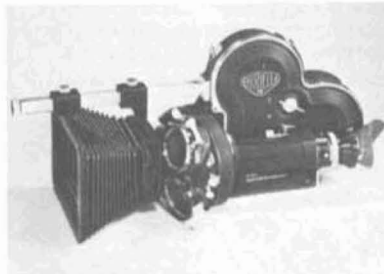
Mr. Clark discussed the latest lighting developments for picture-taking and showing and answered questions concerning lights and light sources. — David W. Kennett (Secretary-Treasurer), Ohio Bell Telephone Co., 100 Erieview Plaza, Cleveland, OH 44114.

If you're thinking Arriflex... think Camera Mart.



ARRIFLEX 16 BL

Rugged, reliable, versatile, self-blimped sound camera. The professionals camera for quality location sync sound filming. Compact, lightweight. Tachometer, frame/footage counter. Simplified film path, gear-driven sprocketed magazine system. Camera built around famed mirror-shutter reflex system and registration pin movement. Also available with single system magnetic sound.



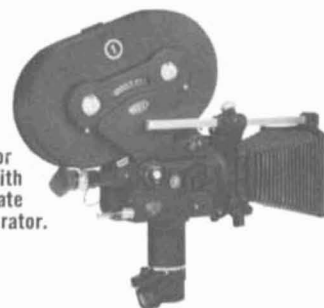
ARRIFLEX 16mm STANDARD

Model S Camera. Use with 100' spools or 400' magazines. Simplified film path lets you change magazines in seconds. Rock-steady registration pin movement. Mirror-shutter reflex system, also available with built-in slate and sync generator.

ARRIFLEX 35mm CAMERA

Model 11-C incorporates the latest improvements in 35mm reflex cameras.

Quick change magazines, mirror reflex shutter. Also available with variable shutter, built-in electric slate and sync generator.



SONOREX INTERLOCK PROJECTOR

The Sonorex is a single system optical/magnetic sound projector — with a built-in 16mm interlock magnetic deck, that is ideal for double system sync previews, original recordings, sound transfers, and many other practical and creative sound film jobs. Sonorex is outstanding for its mechanical, optical and audio quality, and is the answer to a wide variety of daily production problems.

Arriflex and Siemens equipment available for rental, sales, and long leasing.

Write for descriptive literature.



THE CAMERA MART INC.

456 W. 55th ST., NEW YORK, N. Y. 10019 • (212) 757-6977

RENTALS • SALES • SERVICE