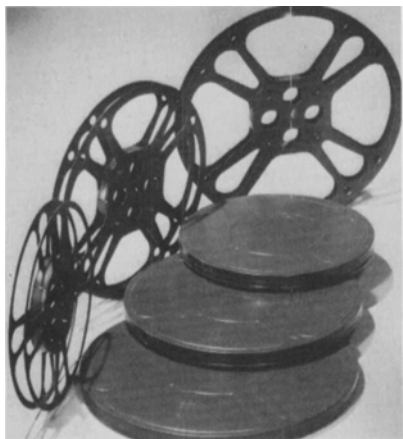


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## Section Meetings

**Australia, 11 December** — The meeting was held at Agfa-Gevaert Ltd. with an attendance of 27 members and guests. A very interesting and informative lecture was given by L. R. Free, Executive Vice-President of the Engineering Group Broadcasting, on the subject of "Domestic Satellites for Australia." The large number of satellites now circling the globe were discussed with technical aspects and weights shown by means of well-prepared charts. Orbits were shown and applications of these man-made satellites were discussed at length, including navigation, meteorology, military, communications, etc.

The need for a domestic satellite for our large continent and the benefits to be derived therefrom were discussed as well as the costs of the proposed satellite and of the receiving dishes. Free's presentation was followed by a lively question and answer period. — James E. Pemble (Secretary-Treasurer), Agfa-Gevaert Ltd., 2 Byfield St., North Ryde, Sydney, Australia 2113.

**Dallas/Fort Worth, 14 November** — More than 60 members and guests crowded the studios of January Sound Studio as the Dallas/Fort Worth Section of the SMPTE and members of the Audio Engineering Society heard papers and discussions on "Digital Audio" and "Program Audio Level vs. Commercials."

Bill Hall of January Sound presented a clear, concise slide show and discussion on digital audio basics as applied primarily to digital signal processing equipment (delay lines, etc.). Hall started with a history of digital technology as a spin-off of NASA projects. The presentation ended with a warning that digital technology is advancing month by month with engineers facing a dilemma in keeping up with the advances.

Hall, Chuck Mandernach, and Bob Pickering of January Sound then gave their thoughts on program level vs. commercials. Most home TV viewers (including sound engineers) are sometimes annoyed by what seems to be a direct effort by broadcasters to push commercial sound levels above the program sound level. However, from the broadcasting point of view, this is not the case.

The placement of the spot usually comes after a program where the average audio level is not as high as that of the commercial so the psychoacoustic contrast is wide. A lively discussion period with the audience ensued and recorded demonstrations were played.

The finale of the program was a talk/slide show given by Mike Lorfing, Roy Cheryhomes, John Steigler, and John McDonough on the recent SMPTE Technical Conference and Exhibit in Los Angeles. — Michael Lorfing (Secretary-Treasurer), Univ. of Texas Health Science Center, 5323 Harry Hines Blvd., Dallas, TX 75235.

**Detroit, 12-13 November** — The meeting was held in both Grand Rapids and Detroit.

Twenty-two members and guests at the Cinema Sound Studios of Newman Communications, Inc., in Grand Rapids, and 65 in Detroit at the WDIV-TV studios, heard a tutorial paper on microphones presented by Greg Silsby of Electrovoice Corp. A complete range of microphone equipment was demonstrated and described. Selection criteria, placement guidelines, and numerous tips on how to produce consistently high audio quality for broadcast and film were given.

In Detroit, Dana Pratt, Manager of RCA's SMARTS program (Selective Multiple Address Radio and Television Service) presented a slide-illustrated paper on the Americom (domestic satellite) system which uses satellites placed in geostationary orbit to provide video program distribution to commercial television stations in the 48 contiguous states, Alaska, and Hawaii. — John Mayberry (Chairman), Ford Motor Co., 12801 Prospect St., Dearborn, MI 48126.

**Florida/Caribbean, 2 November** — The meeting was held at Channel One Video Tape, Inc., a full-service teleproduction facility in Miami. Thirty-seven people toured the studio and the remote production van. The facility offers both studio and remote tape production with one to four cameras, film-to-tape transfer services, and post production ranging from 3/4-in videocassette editing to SMPTE Type C computerized editing equipment.

George Livingston, co-owner of Channel One, outlined the history of the company relating the firm's development to the history and growth of the one-inch videotape medium. He explained the advantages offered by the Type C 1-in format, especially in concert with computer-controlled editing equipment.

George Fuller, Chief Editor, demonstrated the capability of 1-in Type C when teamed with CMX Systems Model 340X computer-controlled edit system tied to a Vital VIX-114 switcher under separate microprocessor control. The ease and flexibility of the operation was apparent to the entire audience. — James D. Bloch (Secretary-Treasurer), American Bankers Life, 600 Brickell Ave., Miami, FL.



Shown above are Gustavo Menendez, Chairman, George Livingston, Channel One co-owner and guest speaker, and Lou Klinton, Chairman-Elect.

# When you need microphones with "reach," reach for these!



## CL42S Shotgun System

The CL42S reaches farther and rejects more ambient noise than any other shotgun of its size ever made. Our exclusive line bypass port makes it more directional at low frequencies so you won't have to sacrifice frequency response when you use it on a boom. Diffraction vanes maintain high-frequency directivity to preserve uniform frequency response if the "talent" gets a little off-mike.

Phantom or AB powered, the CL42S comes complete with windscreen, shock mount, carrying case and handle for hand-held applications. And it's rugged.

## CH15S Hypercardioid System

The CH15S is actually more directional than a mini shotgun mike – in a package that's only 4 inches long that weighs less than 6 oz. Specially designed for boom and fishpole use in TV and motion picture studios, but equally at home wherever working space is small and you have need for a compact, highly directional microphone.

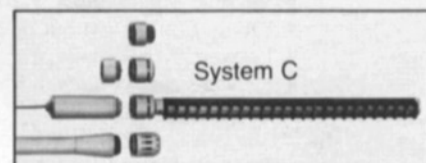
Compatible with phantom or AB power, the CH15S comes complete with windscreen, shock mount and carrying case. And, this microphone is rugged.

## The Electro-Voice Warranty

Electro-Voice backs up these two microphones with the only unconditional warranty in the business: for two years we will replace or repair your CL42S or CH15S microphone, when returned to Electro-Voice for service,

at no charge – no matter what caused the damage!

We can do this because we build these microphones to meet our standards for performance, ruggedness and durability. We accept nothing less, and if you're a professional, buying a professional quality microphone, you shouldn't either.



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**Houston, 6 December** — The meeting was held at KHOU-TV Channel 11 with an attendance of 35 members and guests. Rod Robinson, Chief Engineer for KHAI-TV, gave a detailed description of a computer system prototype which is being used and developed for controlling and recording programming events at Channel 11. He showed a handout of the block diagram of the installation and then the group was shown to the control room where a practical on-air demonstration was given.

Leonard Coleman, SMPTE Sections Vice-President, gave a very inspired and interesting presentation on the SMPTE showing some historical photos and then some current up-to-the-minute color slides. A lively discussion followed with some very pertinent questions asked. The presentation in abridged form is a very good membership drive tool as well as a revelation to members on the structure of the SMPTE. — Leonard M. Hart (Secretary-Treasurer), Veterans Administration Hospital, 2002 Holcombe Blvd., Houston, TX 77211.

**New England, 28 November** — The meeting was held at the Ramada Inn in Allston, Mass., with an attendance of 125 members and guests. Robert Paulson, an internationally known author and consultant, presented a paper entitled "Audio Visual Technology of the 80s and 90s — Where We Are and Where We're Going." He discussed present and future audiovisual technology for both broadcast and nonbroadcast producers. His talk was supported by numerous slides and visuals. The question and answer session that followed his talk lasted more than an hour. A

number of invited guests from various professional organizations were present. — Paul Beck (Secretary-Treasurer), The Foxboro Company, 38 Neponset Ave., Foxboro, MA 02035.

**New York, 11 December** — More than 150 members and guests turned up to a very full meeting held at the United Engineering Center. The first paper was presented by Vincent E. Rocco, Director, Microwave Television Systems, Nurad Inc. He discussed the various elements that go into a complete microwave system. Much emphasis was given to the design, specifications, and limits of the receiver section of the system. Also mentioned were antennas, preamplifiers, and control systems and their effect on the entire system.

The second paper, presented by Glen Rose, Product Manager, Video Systems Group, Ampex Corp., was an overview of the use of videotape recorders at the recent Olympic Games. Rose used slides to show the great growth in the use of VTRs since 1964. He then discussed the arrangements being made for the Winter Olympic Games at Lake Placid and the Summer Olympics in Moscow. — Richard S. Marcus (Reporter), Rombex Productions; home address: 1380 Riverside Drive, New York, NY 10033.

**Ohio, 29 November** — The meeting was held at the Rex Humbard Foundation/Cathedral of Tomorrow in Cuyahoga Falls, with an attendance of 44 members and guests. Jerry Patton, Director of the Cathedral Teleproductions, opened the meeting at 7:45. The speaker,

Dave Ginaven, Chief Engineer of the Cathedral Teleproductions, explained some of the problems encountered in conducting a worldwide syndicated television ministry, including language translation, video standards, and the transportation of equipment for on-location production. A television production made by the Cathedral Teleproduction unit showed the many aspects of the worldwide television ministry in action. Excerpts from many different productions were shown. A tour of the Teleproductions facilities followed the meeting during which we were privileged to see future shows being prepared for release. — George F. Golden (Secretary-Treasurer), FilmLab Service, Inc., 4117 Prospect Ave., Cleveland, OH 44103.

**Pacific/Northwest, 30 November** — The meeting was held at KING-TV Channel 5 in Seattle with an attendance of 42. William Maynard of KING-TV explained and demonstrated the station's new post production editing facilities. The guests were divided into two separate groups for the demonstrations. The new equipment includes 1-in videotape recorders, a computer assisted editor, a 16-track audiotape recorder, digital video effects, and other items. Each demonstration was followed by a lively question and answer period.

When not at the post production demonstration each group attended a slide presentation filmed and narrated by Philip Sturholm, also of KING-TV. The presentation was on Sturholm's problems and observations while on a filming assignment in the National Republic of China. — Thomas J. Bowles (Secre-

# RCA's new FR-16 for television. It's a 16mm projector— and more.

True, the FR-16 is designed for projecting 16mm film in a telecine system, but it is much, much more than a projector.

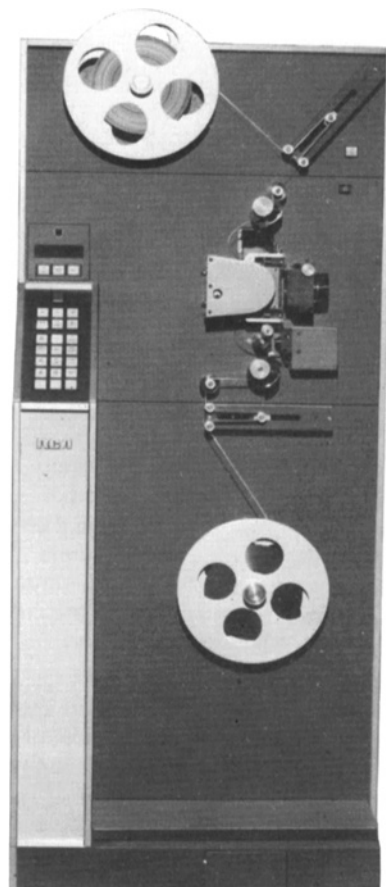
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But that's just the beginning. Consider these extra FR-16 features for enhancing post-production operations, particularly for 16mm film-to-tape transfers:

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- Freeze Frame, without picture degradation
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- Electronic Registration

The FR-16 is an outstanding 16mm film handling system for routine teleproduction and broadcast operations—but it can do much more. For details, contact your RCA Representative, or write RCA Photophone Systems, 2700 W. Olive Avenue, Burbank, CA. 91505 U.S.A. Telex 68-6215

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Systems



tary-Treasurer), King Videocable Co., P.O. Box 24525, Seattle, WA 98124.

**Rochester, 12 December** — The meeting was held at Hilton-Inn-on-the-Campus with an attendance of 20 members and guests. The theme of the program was "Considerations for Motion-Picture Film Coverage and Film Production at the XIII Olympic Winter Games" presented by Hunter Low of Eastman Kodak.

Hunter explained plans for newsfilm coverage, rapid film processing, motion-picture production of daily Olympic event summaries, uses of high speed cinematography, and special application cinematography of athletes in action. He described also the role of Eastman Kodak as official photographic consultant to the Winter Games. After the slide talk, Hunter showed a 16-mm motion picture of Lake Placid and the preparations for the 1980 Games. The talk and movie were very well received. — Dale C. German (Secretary-Treasurer), Eastman Kodak Co., 343 State St., Rochester, NY 14650.

**Rocky Mountain, 11 December** — This meeting, the annual social get-together for the Rocky Mountain Section, was held at Western Service and Supply, a local screening room for the booking agents in the Denver area. Twenty-three persons, including wives, guests, and members, assembled for a preview of *Yanks*, a motion picture starring Vanessa Redgrave and Richard Gere. The film was made available through the efforts of R. K. Tankersley, President and General Man-

ager of Western Service and Supply, and Nick Jinacio, projectionist for Westminster 6 Theatres. The film was greatly enjoyed by the audience. — Sol Jeffrey Grazi (Secretary-Treasurer), Communications Unlimited, 6210 E. Sixth Ave., Denver, CO 80220.

**San Francisco, 4 December** — The meeting was held at the Ampex Corp. cafeteria in Redwood City, Calif., with an attendance of 85 members and guests. John D. Lowry, President of Digital Video Systems in Toronto, gave a talk entitled "Digital Video Framestores: Technology and Applications." Lowry's excellent presentation included 35-mm slides, overhead transparencies, and a demonstration of a TBC/framestore with two separate VTR signal sources, signal generator, and switcher.

Covered in the formal presentation were design considerations for the DPS-1 Digital Processing System, some basics of digital video signals, and a variety of applications for digital framestores. The design is similar to a computer with a mainframe and plug-in digital modules, some of which are optional to allow for improved capabilities. An important part of the system is the ability to test all parts of the signal path with a built-in digital signal generator using PROMS to generate digital numbers which define the waveform.

As a TBC, the system has a 32-line memory and uses arithmetic analysis of the burst as part of the microprocessor control of the time base correction function. When used as a framestore, the 32 lines of memory are replaced by 512 lines of memory contained on

four printed wiring assemblies. In this mode, the processing system is used as a building block for such things as synchronizing non-synchronous sources, noise reduction, slow-scan data transmission, data rate reduction, digital special effects, analysis of video pictures, and image generation. Following the formal presentation was an excellent informal demonstration with a question and answer session. — David K. Fibush (Acting Chairman), Ampex Corp., 401 Broadway, Redwood City, CA 94063.

**Toronto, 20 November** — The meeting was held at CFMT-TV, Canada's first multilingual television station (32 different languages), attended by 120 members and guests. The first presentation was the showing of a videotape with Don Ianuzzi, President of CFMT-TV, talking about the station, the problems encountered, some of the people involved, and the philosophy of this unique station, which went on the air some four months before the scheduled start-up date.

Jim Snelling, Director of Engineering for CFMT-TV, gave a very informative presentation on the problems and people involved in the conversion of a factory building to a television production center and station within ten months.

The presentation was followed by a buffet and tour of the facilities. Members of the 245th Boy Scout Troop of Toronto were the guests of the SMPTE at this meeting. — Peter J. Mugford (Secretary-Treasurer), OECA, 2180 Yonge St., Toronto, Ont., Canada M4S 2C1.

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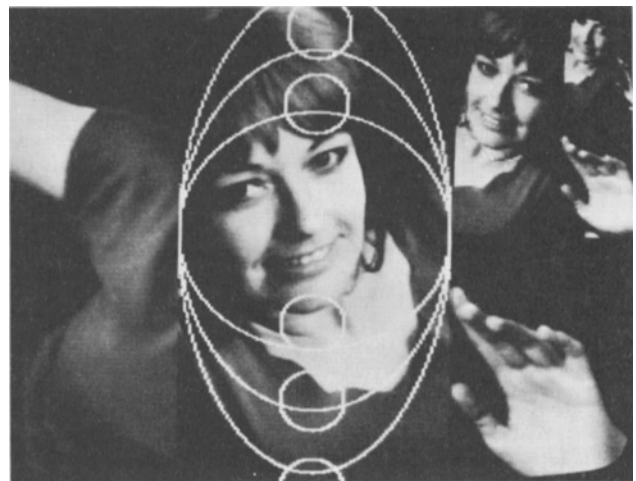
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