

# Section Meetings

**Atlanta, November 11, 1985** — The meeting was held at the Southeastern Regional Distribution Center of Eastman Kodak Co. Paul E. Hogan, Tektronix, Inc., Robert D. Johnston, Jayan Film Productions, Inc., and Harold R. Vincent, Eastman Kodak Co., served as guest speakers. A total of 26 Society members and guests attended.

Using 35mm slides for illustration, Vincent discussed his company's new 16mm high-speed negative film 7292, which incorporates "T" grain technology to reduce graininess and improve image sharpness. He showed two films, the first being an A-B-A comparison of 7292 vs. 7294 exposed in studio and location situations. The second film was a 7292 demonstration, produced by HTV of Cardiff, Wales, featuring location interior and exterior scenes photographed in London, Paris, and New York, and underwater sequences photographed in the Indian Ocean. Vincent also reviewed Datakode, the transparent magnetic coating on motion-picture film support, briefly focusing on the progress being made at Universal Studios toward Datakode's practical utilization.

The second speaker, R. D. Johnson, discussed the new equipment that was featured at the 127th SMPTE Technical Conference and Equipment Exhibit. He related the video-assist and post-production equipment to its impact on, and effective utilization by, producers using film origination techniques for video distribution and viewing.

Paul Hogan concluded the meeting with an informative review of the new and improved video techniques discussed and displayed at the 127th Conference. His report focused on the equipment designed to meet the needs of broadcasters and production companies serving both domestic and international markets. — Earl V. Higgins (Secretary/Treasurer), Ampex Corp., Rt. 10, Box 165, Cumming, GA 30130.

**Florida/Caribbean, November 6 and 8, 1985** — Stephen D. Kerman, director of sales, Tektronix, Inc., discussed measurement systems in two meetings of the section. The November 6 meeting took place in Miami, Fla., and attracted 25 Society members and guests. The attendance figure was the same at the November 8 meeting, held in Orlando, Fla. The subjects at both meetings were Tektronix's TSG 300 analog component generator and WFM 300 signal generator. Kerman described the overall operation of the generators and detailed how each product addresses some of the problems involved in the testing of component systems. — Ralph Bevins

(Secretary/Treasurer), Martin Marietta Aerospace, P. O. Box 3162, Orlando, FL 32802.

**Hollywood, November 14, 1985** — Speaker Dale Manquin, president, Altair Electronic Inc., discussed the value of flutter measurements on audio and videotape recorders for some 55 attendees at the KTTV studios in Hollywood, Calif. He used actual readings taken from typical recorders to show the effects of damping, bearings tension, and tape paths. Using the flutter meter and selectable bandpass filtering, Manquin demonstrated some of the problems encountered frequently in tape recorders and on the tape itself. He stressed the importance of comparative measurements on tape recorders in pinpointing problems that are developing before they become serious.

As a preface to the meeting, General Arrangements Chairman Michael Chewey, Systems Unlimited; Membership Chairman Ken Fowler, Eastman Kodak Co.; and Program Chairman Don McCroskey, ABC (retired), reported on the overall success of the 127th SMPTE Technical Conference and Equipment Exhibit. — Gustavo Dato (Secretary/Treasurer), 4151 Prospect Ave., Hollywood, CA 90027.

**Montreal/Quebec, October 22, 1985** — Two topics were discussed at this meeting, which took place at the National Film Board of Canada, Montreal. Paul W. Kaiser, manager, quality control, Canadian Broadcasting Corp., made a case for 1/2-in. Betacam recorders and editing systems. Afterwards, Leonard A. Green, assistant director of technical and production services, NFB, gave a paper on the design and development of a 3-D camera structure in the IMAX format. Sixty-two persons attended.

Kaiser pointed out that CBC is dedicated to 1/2-in. Betacam recorders and editing systems for news, documentary, and dramatic productions. Sixteen television production centers in Canada currently use the hardware, which, according to Kaiser, is cost-effective and produces superb image quality. After viewing excerpts on tape from film and Betacam shots, the audience was asked to identify the film material vs. video; 75% of the audience was able to pick the film over the video.

Green's paper described a research program, conducted jointly by the NFB and IMAX System Corp., designed to perfect the presentation of 3-D images in the IMAX 70mm format. While the audience viewed slides and a 35mm film showing

the IMAX camera mount, Green discussed how the unique structure supports, among other things, two IMAX cameras in the 3-D configuration, mirrors, remote controls, video camera, and monitor. Green noted that the assembly will adapt to motion shots or to shooting on land, sea, or air. — Grant Dearnaley (Chairman), National Film Board of Canada, 1840 Fontaine Chomedey, Laval, Que., Canada H7T 1N7.

**Ohio, October 24, 1985** — David A. Ginaven, chief engineer, Classic Video, Inc., discussed the process by which world television standards are interfaced for both broadcast and industry. The differences between NTSC, PAL, PAL-M, and SECAM, and the countries in which these systems are used, were covered in the presentation. Ginaven then demonstrated the new Merlin ME-888, a standards converter that can take any television standard input and convert to any output. Four different television monitors were arranged side by side so that the audience could view the switching from NTSC to PAL, to PAL-M, and to SECAM. The meeting was held at Classic Video, Inc. — John A. Barak (Secretary/Treasurer), Industrial Video, 915 N. Terra Ln., Amherst, OH 44001.

**Rochester, October 8, 1985** — Larry Thorpe, director of studio product management, Sony Broadcast Products Co., gave an informative talk, with slide accompaniment, on high-definition television. Titled "HDTV — The Challenges and the Dilemmas," the presentation offered the 49 in attendance an overview of HDTV, always a popular subject in SMPTE circles. Thorpe discussed the technical aspects of HDTV and its current status. Jack Brown, Eastman Kodak Co., concluded the program with a presentation on the EK video editing suite. The meeting was held at Kodak Park. — Philip Vogel (Secretary/Treasurer), Eastman Kodak Co., 343 State St., Rochester, NY 14650.

**Rocky Mountain, October 24, 1985** — Two related subjects were discussed at this meeting, held at the Western Service and Supply facilities. Rich Vincento, IMAX Theater, explained the history of motion-picture theater operations and management, and the extent to which social changes have affected the film industry. The second speaker, T. C. Costin, Western Service and Supply, discussed some of the considerations that influence the design of theaters. He explained in detail some of the advancements in film projection and sound equipment. The 12 attendees found the presentations very interesting. — David P. Layne (Secretary/Treasurer), KCNK-TV, 1044 Lincoln, Denver, CO 80203.