

program and discussed the potential benefits to mankind. An interesting point was made about the evolution of the design and the effect on that design by requests for space from American companies and foreign governments. He discussed in detail the power requirements and the impact the expansion of the station is having on the design of the power system.

The presentation was followed by a lively question-and-answer period. — Ernie D. Walker (Secretary-Treasurer), NASA Lewis Research Center, 21000 Brookpark Rd., Cleveland, OH 44135.

Pacific Northwest, June 6 — More than 35 members and guests braved a heavy rainstorm to attend the meeting at Telemation Production's facilities. Most of the meeting was devoted to the CMX 3400A video editing system. Edward Bolger, CMX Corp., combined slides, a verbal explanation, and working equipment to show what the newly introduced hardware can do and how it does it. Steve Weisser, CMX, demonstrated the unit using source material fed from Telemation's control room. Finally, members and guests were invited to participate in a hands-on session. During the question-and-answer period, considerable interest was shown in the almost automatic ability of the 3400A to either compress or extend program material to fill a given time frame.

At the close of the evening, Stan Kronquest, Telemation, and Albert Swanson, consultant, demonstrated the new Nagra T Audio TC unit, which had been received at Telemation on the day of the meeting, the first of these units to be delivered in the U.S. It allows direct transfer of audio information from 1/4-in. program material to video. Sync is maintained by the SMPTE time-code unit within the recorder, interfacing with the other equipment in the Telemation editing and transfer suites. — Edward Watton (Secretary-Treasurer), Forde Motion Picture Labs, 106 Fairview Ave. N., Seattle, WA 98109.

San Francisco, May 23 — Peter Jensen, Merlin Engineering, presented a scheme for encoding stereo audio into the vertical blanking period of the video signal. The system has the capacity to make older VTRs stereo-compatible. Bob Orban, Orban Associates, then gave a presentation on television stereo generators, with particular attention given to the BTSC stereo system.

David Large, Gill Cable, discussed problems associated with stereo transmission via cable television. He explained each of the possible approaches to stereo transmission for cable from both quality (SNR) and cost-effectiveness standpoints. Large used slides for graphic representation of these factors and to depict the dilemma of cable stereo television. The meeting was held at KQED's spa-

acious sound studio. — John A. Carlson (Secretary-Treasurer), Monaco Labs, 234 Ninth St., San Francisco, CA 94103.

Toronto, May 14 — Colin Parkhill, RCA Broadcast Systems, discussed CCD technology for video cameras. Comparing CCD design approaches, he outlined the principle of frame transfer, pointing out that it is most suitable for RCA's CCD-S video camera. Design parameters and performance characteristics were contrasted with those of tube-type TV cameras. A videotape demonstration compared solid-state (CCD-S) and conventional (TK86) ENG video cameras to show superior dynamic resolution performance with minimum image lag by the CCD camera. The CCD-S utilizes a fixed and optimized shutter speed (1/500 sec), 403-element (pixel) CCDs, yielding 400 contour-corrected TV lines, with high sensitivity (4 ft/cd). CCD-S camera performance was shown to handle low illumination and intense light source exposures within a wide contrast range (1200:1 max). Standard NTSC and component video outputs are selectable.

Keith Pierce, RCA, joined Parkhill for the discussion period, answering questions that showed considerable interest in the advantages and limitations of CCD camera technology. It was brought out that testing methods need to be developed and standardized to evaluate such parameters as dynamic resolution and aliasing interference pattern associated with most digitized readout devices.

A demonstration tape with typical production scenes made under natural lighting conditions concluded the program. The meeting, held at the Output Restaurant, played to standing room only, with the 110 members and guests exceeding the seating capacity. — Stephen Cook (Secretary-Treasurer), 45 Smithwood Dr., Islington, Ont., Canada M9B 4S1.

Washington, D.C., April 30 — Herman Badler, CBS, and Robert Ruggerio and Edward Dalton, WETA-TV, provided a comprehensive report on the NAB convention held in Las Vegas in April. New equipment and ideas were thoroughly discussed. — Arthur Florack (Secretary-Treasurer), Eastman Kodak Co., 1555 Wilson Blvd., Arlington, VA 22209.

Washington, D.C., May 29 — A program, "Carry the Fire," was presented at the meeting, held at Eastman Kodak Co. The carrying of the Olympic torch from New York to Los Angeles for the Los Angeles Olympics was described. Also on the program was a demonstration, conducted by Michael Johnson, Eastman Kodak, of the Kodavision Camcorder. The demonstration was both live and taped. — Arthur Florack (Secretary-Treasurer), Eastman Kodak Co., 1555 Wilson Blvd., Arlington, VA 22209.

Obituary

James Stone

James Stone, a Life Fellow of the SMPTE, died May 10, 1985, at the age of 82. A pioneer in the motion-picture laboratory industry, his career began in 1930 when he became an assistant engineer at Consolidated Film Industries in Fort Lee, N.J. He remained with CFI until it was taken over by Bonded Services in 1961. He remained with Bonded Services as vice-president until his retirement in 1979.

During his career with Consolidated, Stone held various positions, including chief engineer and, later, general manager. He was instrumental in the planning and construction of a complete laboratory for printing and processing all types of motion-picture film. Among other assignments, in 1942, he installed the film laboratory for the U.S. Army Signal Corps at Wright-Patterson Field, Dayton, Ohio. Later, he engaged in research and development of two-color Trucolor for Republic Pictures. In 1953, he was appointed chief operating officer of the CFI Fort Lee plant.

While with CFI, Stone resided in Englewood, N.J., where he engaged in various community activities. He was a trustee of the Social Service Federation of Englewood, and served on the Board of Managers of the Englewood Community Chest. Following his retirement, he moved to Delray Beach, Fla. He was a member of Variety Clubs International and the Foundation of Motion Picture Pioneers. He joined the SMPTE in 1952 and became a Fellow in 1981.

Stone is survived by his wife, Charlotte, and two sons, Burton and Edward.

Erratum

SMPTE Controversy: Debate or Decision, by Harold J. Eady ***July 1985 Journal, p. 723***

An error in the caption at the top of the page gives the word "compact" instead of "component." The caption should read as follows:

A result of committee work was the component television demonstration at the 19th Annual Television Conference in San Francisco, February 1985.