

Section Meetings

Hollywood, October 8, 1987 — Paying a tribute to Hollywood's 100th anniversary, the SMPTE Hollywood Section presented a program offering glimpses into the early history of the motion-picture industry. Three hundred persons, including SMPTE President M. Carlos Kennedy, Ampex Corp., were in attendance at the Academy of Motion Picture Arts and Sciences' (AMPAS) Goldwyn Theatre, in Beverly Hills, Calif.

Following opening remarks by Fay Kanin, former president of AMPAS, Bruce Torrence traced the history of Hollywood from 1887 to the present. Torrence, a photo archivist, showed slides made from some of his more than 11,000 photographs of early Hollywood. Of particular interest to the meeting attendees were early film and television production shots.

The final speaker in the program was Robert S. Birchard, supervising editor, Disney Animation Projects. He screened several historical motion pictures, including a 1915 Universal Studios vignette showing early film studios. In conclusion, Birchard mentioned that thousands of films shot on nitrate stock are disintegrating and hence are in danger of becoming lost. He said it would be necessary for the motion-picture industry to expand film preservation efforts. — Joel J. Gread, Sciences Corp., 1101-A Air Way, Glendale, CA 91201.

Houston, October 26, 1987 — The Houston Section meeting, held at Pearlman Studios, in Houston, Tex., was attended by 60 people. Guest speaker William Carpenter of Ampex Corp. presented a paper on the D-2 digital video recording format. He compared the D-2 to the D-1 format, pointing out the advantages and superior features of the former. Carpenter used slides to show the D-2's complex transport system, which can handle the fragile videotape at high speeds and cue it accurately. His presentation also included graphics of the D-2 studio recorder and the Ampex ACR-225 cartridge machine. A tour of Pearlman Studios concluded the meeting. — Robert Musburger (Secretary/Treasurer), Univ. of Houston, School of Communications, Houston, TX 77004.

Ottawa, September 23, 1987 — Twenty-eight SMPTE members and their guests attended the Ottawa Section meeting at the Research Center of the Ottawa Department of Communications. Featured in the meeting program was a preview of the Olympus I communications satellite, which is now being tested in the research

center's David Florida Laboratory (DFL).

The meeting opened with a presentation by Dr. Rolf Mamen, the director of DFL. He talked about the recent expansion of the laboratory and its capabilities for testing the Olympus I. The lab, Mamen told his audience, has a thermal vacuum facility for the environmental testing of space equipment, a vibration platform to test launch conditions, and an anechoic chamber for RF testing. For the Olympus I testing, the laboratory is in service to Spar Aerospace Ltd., the firm involved in the technical development of the experimental satellite for the European Space Agency Program.

Spar Aerospace's role in the development of the Olympus I was discussed by representatives Geoff Collins and Terry Woods. The Olympus I, due for launch sometime this year, has been designed to deliver 2.3 kW to the payload from arrays generating 3.6 kW at equinox end-of-life conditions. The satellite will have a payload mass of 790 lb, with propellant for a five-year life. Other features of the craft include two 230-W channels for direct broadcasting and two steerable spot beams for video teleconferencing.

The meeting concluded with a tour of the David Florida Laboratory, during which the attendees viewed the Olympus I in the anechoic chamber. — John Howard (Secretary/Treasurer), Broadcasting Service, House of Commons, P.O. Box 1118 (E Block), Ottawa, Ont. K1A 0A6, Canada.

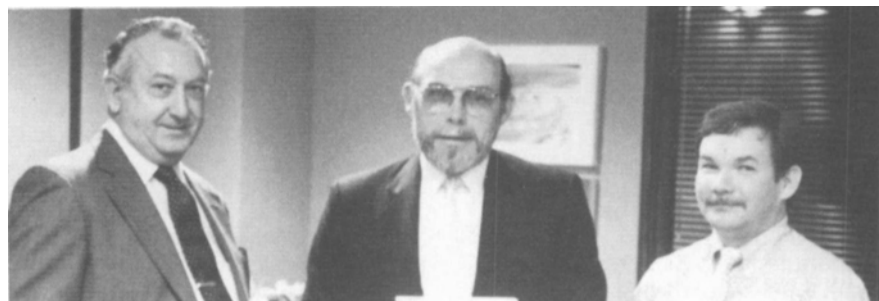
San Francisco, September 15, 1987 — At Tech Mart, Santa Clara, Calif., Larry Thorpe of Sony Broadcast Products Co. and Jim Thibodeaux of Panasonic Broadcast Co. discussed the evolution of various video recording formats. Thorpe (assisted by colleague Michael Greene) described some of the design choices and compromises made at Sony over the years, while Thibodeaux focused on the MII format. The 140 SMPTE members and guests in attendance had an opportunity to view

Sony equipment and participate in a question-and-answer session. — Peter Hammar (Secretary/Treasurer), Ampex Museum of Magnetic Recordings, P.O. Box 23, La Honda, CA 94020.

Toronto, October 13, 1987 — One hundred thirty-seven persons attended the SMPTE Toronto Section meeting at Ryerson Institute, in Toronto, Ont. Two topics, the Ediflex off-line editing system and the S-VHS video recording format, were covered in the program. Arlene Lehmann and Gordon Stoddard of the Magnetic North Corp. made the presentation on the Ediflex. As Lehmann explained, Ediflex is a computerized editing system composed of eight JVC-developed video players, two television monitors, and an operating screen. Because of the system's non-linear and random access capability, more than one edited version may be stored in the memory of the Ediflex.

The system is based on script format. The editing procedure, said Lehmann, is for a video editor's assistant to first mark the script according to the editor's preferred working style. The assistant dubs the dailies from a 3/4-in. to VHS videocassette, then loads the material into the computer. This is referred to as "script mimic." The editor uses a lightpen to mark his cuts and does not need to concern himself with time code or edge numbers because the system's computer looks after list management and generates the edit decision list (EDL). Following Lehmann's talk, Stoddard demonstrated the Ediflex, a demonstration that sparked many questions from an attentive audience.

In the second half of the program, Eamon McGivern of JVC Canada Inc. discussed S-VHS video recording. S-VHS offers more than 400 lines of horizontal resolution, dramatic picture clarity, and improved color reproduction and signal-to-noise ratio. S-VHS videotape incorporates cobalt oxide iron magnetic properties, which, said McGivern, helps keep product costs at a reasonable level. After the talk, McGivern screened an S-VHS tape, then answered questions on a range of subjects. — Fred Lemmin (Secretary/Treasurer), PFA Motion Picture and Video Laboratories, 330 Adelaide St. W., Toronto, Ont. M5V 1R4, Canada.



Roger Miller and William Carpenter with SMPTE Houston Section Chairman John Demshock (left to right) at the section's meeting on October 26, 1987.

Maxell Broadcast Quality Tapes.
They reached for the top. And made it.

A STANDARD IS BORN

maxell. maxell. U-matic U-matic KCABC

maxell. CV90

maxell. UD 35-90 ULTRADYNAMIC AUDIO

*1/2", 3/4" and 1"
In the performances
of a lifetime!*

STARRING A FULL LINE OF **PROFESSIONAL AUDIO** AND **VIDEO TAPE FORMATS**
TO ENTERTAIN YOUR EVERY NEED. INTRODUCING THE **NEWEST STARS** IN **TAPE TECHNOLOGY**, INCLUDING
DAT, PCM AUDIO TAPE, **S-VHS** VIDEO TAPE, **8MM** VIDEO TAPE, AND **BETACAM** TAPES!

FOR SIZES AND FORMATS, CALL
A MAXELL DISTRIBUTOR NEAR YOU.

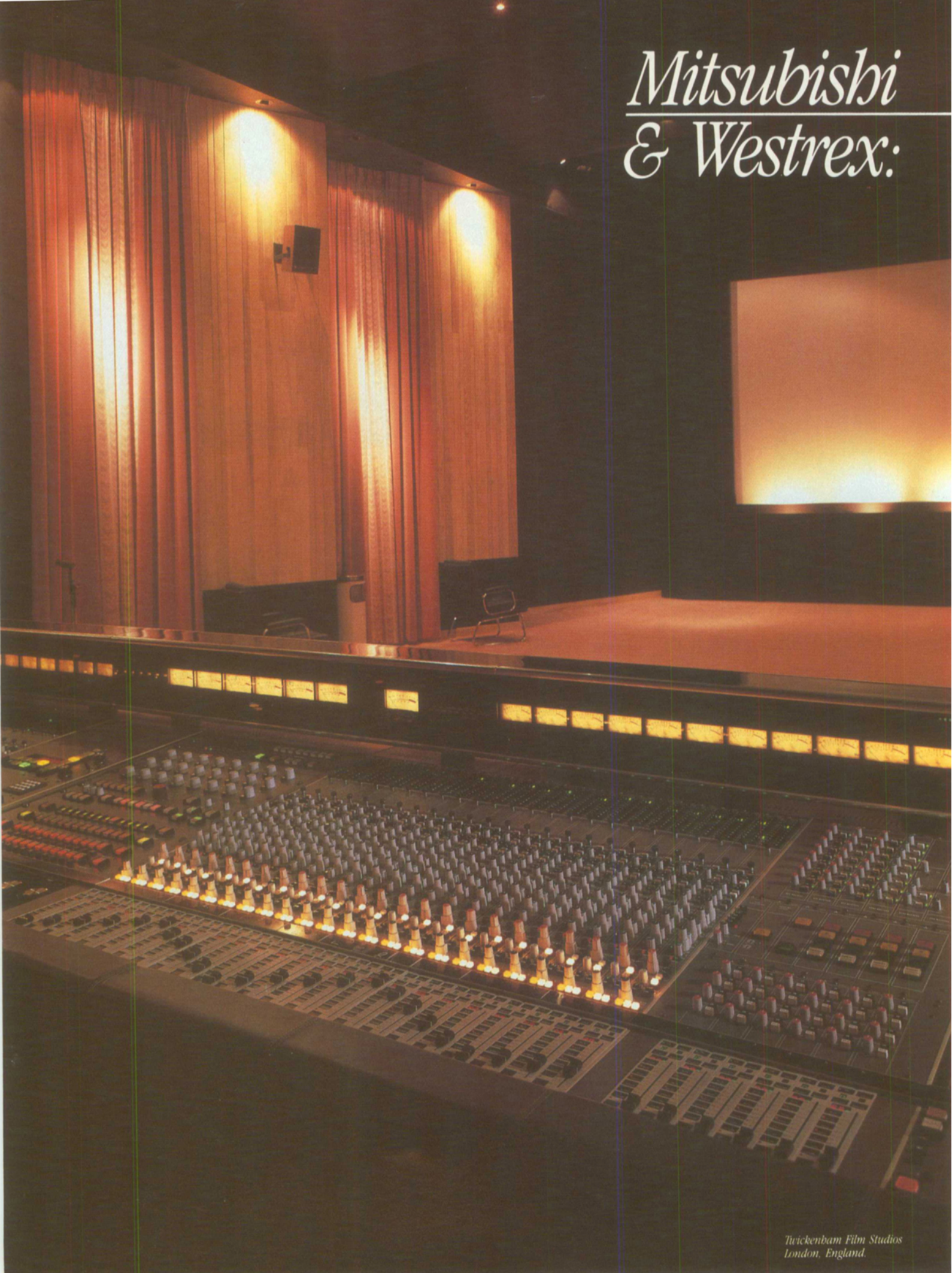
ANOTHER MAJOR STUDIO RELEASE FROM

maxell.
PROFESSIONAL/INDUSTRIAL DIVISION

Maxell Corporation of America, 60 Oxford Drive, Moonachie, NJ 07074 201-641-8600

SMPTE Journal, January 1988

Mitsubishi & Westrex:



*Twickenham Film Studios
London, England.*

Technology, Experience, Resources, and Commitment.

AT THE FOREFRONT OF FILM SOUND TECHNOLOGY.

London's Twickenham Studios post-production film sound complex is one of the newest and most advanced facilities in the world. To help achieve this status, the management for the prestigious studios turned to the Mitsubishi Pro Audio Group to design, build and install an extensive, interactive system of the highest technology film sound equipment available:

- A large, 72 input custom Mitsubishi film re-recording console with Compumix IV film automation coupled to our exclusive Intelligent Digital Fader System;
- More than 120 tracks of our Westrex Series 6000/12000 film recorders and dubbers—fully computer-controlled by a Digital Master Motion Control System which provides a universal interface for SMPTE/EBU time code-based equipment and variable ramping, varispeed and more;
- 4 high-speed, high-brightness Westrex RA-1729 Dubbing Projectors;
- A computer-controlled, high-performance audio routing and mixing switcher for the maximum flexibility in routing dubber tracks to the large re-recording console.

MITSUBISHI/WESTREX: ONLY ONE COMPANY

Only one company in the world has a full range of consoles specifically designed for the specialized requirements of film sound post-production. Only one company has the experience to create fully customized consoles to exacting film studio specifications. Only one company has the engineering



For more than 50 years, Westrex film sound recorders and reproducers have been a performance and reliability standard for the film industry.

depth in overall film technology to provide powerful, efficient automation systems. Only one company has a proven track record for performance in scores of leading film facilities throughout the world. That company is us—the Mitsubishi Pro Audio Group.

MITSUBISHI/WESTREX: COMMITTED TO FILM SOUND

The Mitsubishi Pro Audio Group has made a deep commitment to the worldwide film post-production industry. If future plans for your facilities includes either analog or digital technology, (or a combination of these new advanced systems), we can give

you an enviable technological leadership position in both. For the next decade, and beyond, we have dedicated substantial resources to the continuing development and support of these advanced systems. We value our important relationship with the leading studios in the film industry.

To thoroughly evaluate the best investments for your long-term, large-scale film sound capital equipment budgets, we invite you to contact a Mitsubishi Pro Audio Group film sound specialist in any of our offices or any of our capable dealers around the world.



MITSUBISHI PRO AUDIO GROUP
DIGITAL ENTERTAINMENT CORPORATION

Headquarters: San Fernando, CA 91340 • ☎(818) 898-2341 • FAX (818) 365-8310

New York: N.Y.C. 10019 • ☎(212) 713-1600

Tennessee: Brentwood, TN 37027 • ☎(615) 371-6602 • FAX (615) 371-6644

Canada: Toronto, ONT. M5A 1J2 • ☎(416) 365-3363 • FAX (416) 365-1044

United Kingdom: St. Albans, Hertfordshire AL4 0JJ • ☎0727-40584 • FAX 0727-67684