MEETING NOTICE
Society of Motion Picture and Television Engineers
Detroit Section

The fall season is just before us. The kids are back in school. Football has begun again, and it's time for another year of S.M.P.T.E. meetings. This year the Detroit Section would like to try to keep up with the technology that is always trying to get away from us. We'd also like to put some members and guests names on faces and tie that with company affiliations.

Our September meeting will address mixing the four digital PCM audio tracks from D-1 and D-2 DVTRs. The Pro Digital Group of Yamaha has introduced a new digital audio console with full S.M.P.T.E. time code based moving fader automation, parametric equalization, reverberation and snapshot setup memory for use in television edit suites.

Mr. Martin Dombey Eastern Regional Manager of the Yamaha Pro Digital Group will speak about the features and implementation of this all digital console for edit suite applications. He will also show pictures of installations around the country.

As many of you know, our section secretary/treasurer, Helge Blucher, has accepted a position with Taft Broadcasting and is assigned to NASA in Houston. We all wish him the best.

Gene Wilczak of WJBK and one of our section managers has been elected, under provisions of Society bylaws, to fill the remainder of Helge's term of office.

Jeff Bettes of Grace and Wild Studios was next in line from our recent elections and has agreed to fill the remainder of Gene's term.

TIME: 8:00 P.M.
DATE: Tuesday September 8, 1992
PLACE: General Television Network
13225 Capital Avenue off Coolidge between 8 and 9 Mile Roads
Oak Park
MANAGERS' DINNER: 5:30pm Mountain Jacks
26855 Greenfield
Southfield, MI 48075

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MEETING NOTICE

Society of Motion Picture and Television Engineers

Detroit Section

DATE: 13 October 1992

TIME: 8:00 PM

PLACE: Hy James, Inc.
24144 Haggerty - SE corner of 10 Mile & Haggerty
Farmington Hills

SPEAKER: Glen Fisher, Fostex Corporation of America
          Jeff Jones, Audio-Visions and Paradise Post

SUBJECT: A Portable Time Code R-DAT Recorder for Field Acquisition and
          Post Production Use

Continuing in our section's series on applications of new technology for television and
film production, Glen Fisher will start with the history of R-DAT technology. He will
put to rest the confusion some people still hold that Fostex R-DATs with time code are
not compatible with machines by Sony, Otari, and JVC. Finally, he will present a full
run-through of the new Fostex Portable R-DAT Recorder.

As one of the very first area users of portable R-DAT recorders, Jeff Jones of Audio-
Visions and Paradise Post will discuss their use with and without time code for field
and in-studio acquisition. He will then move on to talk about how studio time code R-
DAT machines will be replacing center-track T.C. analog machines for transfer as the
portable T.C. R-DATs will be replacing the Nagra T.C. machines.

In the coming months, our section will have meetings on video data compression and
Ampex's component television. John F. X. Browne will bring us absolutely up to date
regarding the state of broadcast HDTV in January.

MANAGERS' DINNER will be held at 5:30 at the Hunan Palace, 38259 West Ten
Mile Road - next to the Holiday Inn east of Haggerty Road. 473-3939
MEETING NOTICE
Society of Motion Picture and Television Engineers
Detroit Section

Date: Tuesday, 17 November, 1992

Time: 7:30 P.M.

Place: WJBK-TV
16550 W. Nine Mile Road
Southfield (Between Southfield Rd. and Greenfield)

Subjects: Part 1: Latest Developments in Compressed Digital Video Technology
Part 2: New Digital VTR Technology

Part 1:

David Fleig of the Michigan Information Technology Network, Inc. will discuss the issues and applications surrounding the latest developments in compressed digital video technology for broadcast and satellite distribution. Dave will explain digital transmission and digital compression in conceptual terms for both technical and non-technical persons and will provide an overview of the many research and development efforts being undertaken by the broadcasting industry. Included in the presentation will be demos and tapes showing actual footage of television signals processed by the latest compressed digital video systems.

Dave is currently the Director of Telecommunications for the Michigan Information Technology Network, Inc. (MITN) headquartered in East Lansing. He is an active member of SMPTE and SBE.

Part 2:

Richard Strauss of the Sony Corporation of America will provide an overview of Sony’s new digital VTR Technology. He will explain their strategy towards digital Video Tape Recording as it applies to broadcasting.

Dick is an active member of SMPTE, Detroit section, and a former section Manager.

Upcoming Meetings:
December - Ampex component television
January - State of HDTV

MANAGERS’ DINNER will be held at the Steak and Ale, 24666 Northwestern Southfield at 5:30 p.m. 353-7448

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MEETING NOTICE

Society of Motion Picture and Television Engineers®
Detroit Section

Date: Tuesday, December 8, 1992
Time: 8:00 P.M.
Place: WKBD-TV
26905 W. Eleven Mile Road
Southfield (Between Franklin and Inkster)

Subject: DCT Digital Component Technology

Mike Swayne of AMPEX will discuss and describe the new AMPEX Digital Component Technology (DCT) first shown at the 1992 NAB convention. DCT is the available affordable solution to the need for a total CCIR-601 system. The heart of the system is the DCT-700d tape drive. The presentation will revolve around the technological breakthroughs achieved in this drive. Design and manufacturing advances will be discussed, as well as considerations given for future standards.

Mike Swayne has been in broadcasting since 1961, and has been employed by AMPEX since 1973. He is currently a Staff Service Engineer, working out of the Dallas, Texas office.

Upcoming Events:

January Meeting - State of HDTV
February Meeting - TBA
February 23,24- MAB Conference and Expo, Lansing

MANAGERS' DINNER will be held at Bennigan's, 28555 Northwestern (near 12 mile road) in Southfield at 5:30 p.m. 356-0292
MEETING NOTICE
Society of Motion Picture and Television Engineers®
Detroit Section

Date: Tuesday, January 12, 1993
Time: 8:00 P.M.
Place: Sandy Corporation
1500 W. Big Beaver
Troy (West of I-75)
Subject: Broadcasting HDTV
Speaker: John F.X. Browne

The Federal Communications Commission, through its appointed industry advisory committees, is now considering the standards for broadcast HDTV. While the testing and evaluation is on-going, several things are clear. Broadcasts will be digital, confined to the present 6 MHZ channel bandwidth, and all transmissions will be UHF.

What does this mean for local broadcast stations and teleproduction facilities in terms of cost, transition and benefits? What is the timetable?

These topics and related issues will be addressed by John F.X. Browne, a consulting telecommunications professional, of John F.X. Browne and Associates.

Upcoming Events:
February 4-6 SMPTE Winter TV Conference, New York
February Meeting - Pinacle Systems
February 23,24- MAB Conference and Expo, Lansing

MANAGERS' DINNER will be held at the Casa Lupita Restaurant,
2085 W. Big Beaver (west of Crooks) in Troy at 5:30pm. 643-7720

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Detroit Section

Date: Tuesday, February 9, 1993
Time: 8:00 P.M.
Place: Clover Communications, Inc.
41290 Vicenti Court
Novi (See map on back)
Subject: The Pinnacle Prizm Video Workstation
Speaker: Sally Gray

Sally Gray of Pinnacle Systems, Inc. will discuss and demonstrate Pinnacles's Prizm Video Workstation with 3D modeled animation and real-time digital effects including DVEator.

DVEator (Digital Video Effects Animator) is an extension of the 3D effects of the workstation and allows for easy creation of geometric and esoteric shapes. In just one pass, DVEator texture maps live video onto complex animated 3D shapes and surfaces.

Upcoming Events:
February 4-6 SMPTE Winter TV Conference, New York
February 23,24- MAB Conference and Expo, Lansing
March Meeting – Kodak’s Photo CD

MANAGERS’ DINNER will be held at Shield’s Restaurant, 42100 Grand River between Novi road and Meadowbrook in Novi at 5:30pm. 349-9110

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MEETING NOTICE

Society of Motion Picture and Television Engineers®
Detroit Section

Date: Tuesday, March 16, 1993
Time: 7:30 P.M.
Place: Meteor Photo Company (313) 583-3090
1099 Chicago Road
Troy, MI (Between Maple and 14 Mile Roads, just east of I-75. If
approaching from 14 Mile, enter Oakland Mall, keep to the left and drive
around the stores. Chicago is at the northern end of the parking lot.)

Subject: The Kodak Photo CD

Mr. Bill Thomas, Electronics Specialist - Kodak Consumer Imaging, will discuss
the technical aspects of the Kodak Photo CD. He will address such topics as
screen resolution, video output, signal-to-noise ratio and a variety of other
specifications. Bill will also discuss the working features of the various models of
the Kodak Photo CD.

Mr. Mike Thomas of Meteor Photo Company will demonstrate image manipulation
using a Macintosh, discuss Meteor Photo services connected to film processing and
Photo CD scanning and show samples of digital color prints from Photo CD.

Upcoming Events:
March 13 - Advanced Delivery Techniques Broadcast (see details on back)
April Meeting - TBA
April 18-22 NAB Convention Las Vegas

MANAGERS' DINNER will be held at Uptown Charlie's, 1111 W. 14 Mile road
at the corner of Stephenson Highway in Madison Heights at 5:30pm. 585-9533

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Society of Motion Picture and Television Engineers
Detroit Section

Date: Tuesday, April 13, 1993
Time: 7:00 P.M.
Place: Producers Color Service (313) 352-5353
24242 Northwestern
Southfield, MI (between Evergreen and Mt Vernon)

Subject: Digital Audio Post at Producers Color Services

Speakers: Dave Collie and Igor Saulsky

This joint SMPTE/AES meeting will take a look at the latest developments in digital audio and how they can work in the real world. The new Digital Audio Post suite at PCS features a 38 channel digital audio console that includes audio editing along with random access digital audio and video storage. This is the next step towards a truly tape-less and all digital environment. Along with the new equipment installed in the DAP suite, the room acoustics have been updated and include Dolby surround capability.

The doors will open at 6:30 p.m. with the meeting starting promptly at 7:00 p.m. Speakers will include Dave Collie, digital audio mixer from PCS, and Igor Saulsky from the audio manufacturer Solid State Logic. After a brief talk, the attendees will be split into groups for a facility tour and a Digital Audio Post demonstration.

Upcoming Events:
April 18-22 NAB Convention Las Vegas
May 11 - Fred Remley Reception
(details to come later - spouses welcome to attend)

MANAGERS' DINNER will be held at the Steak and Ale, 24666 Northwestern Southfield at 5:30 p.m. 353-7448

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Society of Motion Picture and Television Engineers®
Detroit Section

Date: Tuesday, June 8, 1993
Time: 7:30P.M.
Place: WXYZ-TV Studios
20777 West Ten Mile Road
Southfield, MI 48037

Subject: Flat Panel Displays/Large Flat TV Screen of the Future
Speaker: Michael Lambie, Director of Marketing for Optical Imaging Systems (OIS) of Farmington Hills, a Division of Guardian Ind.

Mr. Michael Lambie will discuss large flat TV screens of the future using the Active Matrix Liquid Crystal Display which up to this time has only been available in small sizes. OIS holds many patents for Active Matrix Liquid Crystal Displays and in a joint venture with the University of Michigan will provide Post Graduate students the opportunity for semi-conductor research and process training.

Mr. Lambie is a 1979 graduate of the U.S. Naval Academy and served on the first Trident Submarine. He holds a B.S. in General Engineering and a M.S. in Nuclear Engineering.

Results of 1993 Detroit Section Elections:
Chair: John P. Rusche
Secretary/Treasure: Gene Wilczak
Managers: Harold L. Miller
Benjamin Stone
James M. Totten

MANAGERS' DINNER will be held at the Steak and Ale, 24666 Northwestern Southfield at 5:30 p.m. 353-7448

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