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MEETING NOTICE

353-148 SMITE

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> Charles B. Nairn Com-Tec, Inc. 559-8755

DETROIT SECTION MEETING

DATE: <u>Wednesday</u> 27 September 1989

TIME: 8:00 P.M.

PLACE: Barden Cablevision

12775 Lyndon (park in the fenced lot behind the building)

Detroit, MI

SPEAKERS: James LeFrense, V.P. Engineering, Barden Cablevision

Brad Evans, et al, GTE

SUBJECTS: - Technical Aspects of the New Barden Cablevision

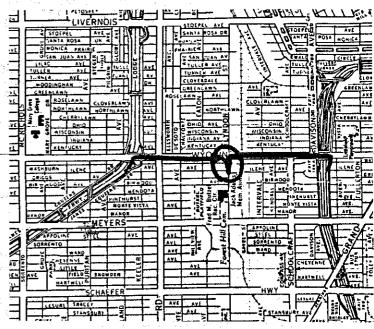
<u>Installation</u>

- Using Fiber Optics for Video Networking

Mr. LeFrense will fill us in one the status and schedule of the construction of the Barden Cablevision system in the city of Detroit and then discuss the design and coverage of both the subscriber and institutional networks. A discussion of Barden's innovative teleconferencing, two-way services and the upstream/downstream capbilities of their microwave system will lead up to their use of fiber optics.

Brad Evans and a team from GTE present an overview and a tutorial on fiber optics pertaining to video communications. Their presentation will include: reliability; bandwidth; multiplexing; various applications including voice, data and video; and financial considerations in the use of fiber optics.

The evening will conclude with an all encompassing tour of the Barden Cablevision facilities.



UPCOMING MEETINGS

October 10: A Smashing Experiance

7:30 P.M. John Sterbenz, Ford Motor Company

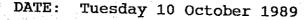
A Barrier Crash Test

November 14: Ampex ACR-225 Library Management System - Bill (gr/) (for)

Please Post

MEETING NOTICE

DETROIT SECTION MEETING



TIME: 7:15 P.M.

PLACE: Ford Motor Company World Headquarters

See Map for Parking

SPEAKERS: John Sterbenz, Test Development Engineer

Mel Voegele, High Speed Photographer

SUBJECT: An Automotive Crash Test

We will gather at 7:15 in the parking lot of the Ford World Headquarters and be bused to the Dearborn Test Track for this meeting. It is important to be on time! Late comers will not be admitted.

Each year Ford crash tests around 500 vehicles in a specially construced 800 foot long enclosed barrier building. Our speaker will present a brief history of crash testing. We will them tour this facility and examine the barrier structures, runways, the high speed cameras, Crash Control Center and the control consoles.

We will view the results of the previous days tests. We will meet and chat with the 63 dummies Ford uses in their tests. In the dummy calibration, lab we inspect the various devices used to assure consistent dummy performance. An actual conponent calibration will be performed.

The meeting will conclude with an actual crash test!

The meeting should be informative, entertaining and educational as we get a short viewing of just some of the lengths that Ford Motor Company goes to to insure buyers are getting safe cars by crash testing them.

Due to the early meeting time, there will be no managers dinner this month.

14 November: Ampex ACR-25 Library Management 7:30 P.M. System with Bill Carpenter

(SMPTE)

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DETROIT SECTION MEETING



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DATE: Tuesday, 14 November 1989 7:30 P.M.

PLACE: Mercy Center - Gate 4 - Southfield between Middlebelt and Inkster approx. 1 mile West of WKBD

SPEAKER: Mr. Bill Carpenter, Ampex Corporation Manager, New Product Market Development

SUBJECT: Ampex D2 Video Tape Recorder and its Implimentation in the ACR-225 Library Management System

D2 recorders are quickly finding their way into the machine rooms of production facilities across the country - replacing type C recorders in many cases. Ampex will be showing their D2 to the Detroit SMPTE Section for the first time. Mr. Carpenter will give us a technical overview of the recorder and show us how it is used in their ACR-225 automated playback system.

He will also discuss interfacing D2 machines with other devices in the digital domain.

Ampex will have an equipment exhibit with hands-on demonstrations including their new VPR-300 VTR.

NEXT MEETING will be a tutorial presented by the CBC at Allied Film and Video on 12 December entitled Component Video - Friend or Foe?

MANAGERS DINNER will be at 5:30 at Merriweathers, 25485 Telegraph - between 10 and 11 Mile Roads.



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DECEMBER MEETING NOTICE

DATE: 12 December 1989

TIME: 7:30 P.M.

Allied Film and Video PLACE:

7375 Woodward Avenue at Lothrop

(park in Allied's fenced lot across Lothrop)

Detroit, Michigan

SPEAKER: Michael Robin, Senior Technical Officer

Canadian Broadcasting Corporation

Engineering Headquarters

Montreal

SUBJECT: COMPONENT VIDEO - FRIEND OR FOE?

Mr. Michael Robin will provide us with a four part technical tutorial on Component Video.

The evening will start with a short review of the NTSC system with emphasis on:

*Component Signal Sources

*NTSC Encoding and Decoding *Structure of the NTSC signal

*Distortions encountered with NTSC signals

A short review of Component Video with emphasis on: *Relevant standards

*Types of signals used and their characteristics

*Types of recording equipment and their characteristics Advantages and disadvantages of Component Video vis-a-vis Composite NTSC

Practical demonstrations of relationship between Analog Component and Analog Compsite Video and familiarization with waveforms and test methods.

Equipment for the meeting is being provided by the Canadian Broadcasting Coporation, Allied Film and Video and Sony Corporation of America.

MANAGERS DINNER will be at 5:30 p.m. at:

What's on Second 6515 Second at Milwaukee 873-1313



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JOINT MEETING WITH ITS

DATE: 17 January 1990 - WEDNESDAY

TIME: 8:00 P.M.

Grace & Wild Studios PLACE:

23689 Industrial Park Drive

Farmington Hills, MI 48024 (see map)

SPEAKER: Rick Cramer, Avid Corporation

SUBJECT: The Avid Macintosh based Offline Audio

and Video Editing System

The Avid is a new nonlinear offline editing system. It is based on a MAC II computer which through specialized hardware and software can store up to three hours of reduced resolution video and two channels of CD quality audio. The video and audio may then be instantly accessed, edited, rearranged, revised, alternative cut or whatever.

After the initial low resolution cut, the Avid can be used with two convential 3/4" machines to auto assemble and full resolution approval copy and output a CMX compatible edit decision list.

Extensive research into what is required in video editing had been done and features have been incorporated in this system that make is very intuitive and easy to learn.

NEXT MEETING: Fred Remley will bring the section up to date with a report on HDTV followed by a tour of the television facilities incorporated into the Palace of Auburn Hills.

MANAGERS DINNER will be at Mountain Jacks, 24275 Sinacola (Ten Mile Road across from Bill Cook Autos), Farmington Hills, MI. 476-5333



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DATE: 20 February 1990

TIME: <u>7:30 P.M.</u>

PLACE: Palace of Auburn Hills

3777 Lapeer Road

Auburn Hills, MI 48057

see enclosed map for location & parking

use loading dock entrance

PROGRAM ONE: HDIV/ATV/ENHANCE NTSC

SPEAKER: Fred Remley, Staff Video Specialist, The University of Michigan

Fred is a longtime member of the Detroit Section, and chairman of the SMPTE Working Group of Advanced Television Production. He will explain the differences between High Definition TV, Advanced TV, and Enhanced NTSC. An HDTV video disc system, based on the 1125, 60-field HDTV system, will be demonstrated and serve as a starting point for a discussion of future TV.

PROGRAM TWO: PISTONS TELEVISION - Behind the Scenes

SPEAKER: Ken Schramm, Production Coordinator, Palace Television Center

The Pistons home games fed to WKBD, network feeds, music concerts, the Sony video scoreboard - Ken will discuss the many and varied operations of the Palace Television Center. Following his presentation Ken will conduct attendees on a tour of the complete in-house TV production facilities.

At 5:30 preceeding the meeting, there will be a managers dinner in the Palace Grille.

13 March: A presentation by Kodak



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DATE: 13 March 1990

TIME: 7:30 P.M.

PLACE: Kodak District Sales Office

32500 Telegraph Road Birmingham, MI 48012

(between 13 & 14 Mile Roads)

SPEAKER: Ben Stone, Sales/Engineering Representative, Eastman Kodak Co.

PROGRAM: The Future of Film in the Era of HDTV

Last month S.M.P.T.E. Fellow Fred Remley, Chairman of the Advanced Television Working Group brought us up to date with his HDTV and ATV report.

This month Ben Stone, a recently relocated S.M.P.T.E. member, will speak on integrating the technologies of motion picture film and HDTV. He will discuss why both technologies can perform in the arena of motion imaging to fully advance the creative possibilities of the industry.

He will also review the new Kodak EXR T-Grain film stocks including the yet to be released 5247.

MANAGERS DINNER will be at 5:30 P.M. at Hogan's Restaurant Telegraph and Maple Roads.



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DATE: 17 April 1990

TIME: 8:00 P.M.

PLACE: WJBK-TV Studios

2 Storer Place Southfield, MI

(9 Mile Rd. between Southfield and Greenfield)

SPEAKERS: Mark Wronski, General Manager, Amtel Systems, Inc. (U.S.A.)

Mike Weinstein, Product Support Manager,

Adcom Electronics Limited (Canada)

PROGRAM: A Joint Meeting with ITS

NON-LINEAR EDITING OF PICTURE AND SOUND

Non-linear editing hybridizes the best features of both film and video techniques for assembling picture and sound sequences. Current systems employ a variety of storage media. By evaluating the relative merits of different approaches, the advantage of random access, removable media become evident. The technical and creative challanges for future development are also considered.

Mark Wronski of Amtel will open the meeting with a review of the laser videodisc and how it works. He will then present a paper on the new E-PIX hybrid video and audio editing system.

Mike Weinstein will then demonstrate how the E-PIX Hybrid Editing System works. Features to be demonstrated are: Machine Control, Production Logging System, List Processing, Film Conforming, Video Subsystem and Audio Subsystem.

MANAGERS DINNER will be at Mountain Jacks, 26855 Greenfield at 11 Mile Road in Southfield - 557-0579.

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DETROIT SECTION MEETING



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DATE: May 22, 1990

TIME: 8:00 p.m.

PLACE: PASS/PRO-VISION STUDIOS (LOBBY E)

World Headquarters of Domino's Pizza, Inc. 24 Frank Lloyd Wright Drive, Ann Arbor, MI (See map attached w/parking information)

SPEAKERS: Bob Phillips, Sales Eng., Roscor/Michigan

Al Dass, Supervisor of CAD/Drafting Dept.

Roscor

PROGRAM: THE USE OF CAD TECHNOLOGY IN SYSTEM DESIGN

AND MAINTENANCE

Computer-aided design provides us with an increased efficiency in project management. From concept to completion, the benefits are extensive. One such benefit is a cable data base for pre-installation planning thru post installation maintenance or modification. The use of CAD technology benefits all concerned by enhancing document consistency, lowering the margin of error and raising the productivity of engineering and installation personnel. The bottom line translates into a reduction in materials and labor costs.

Bob Phillips will open the meeting with a brief discussion of the PASS/PRO-VISION project, and Roscor Corporation's roll in the consultation, design and installation of this facility.

Al Dass will discuss CAD technology and its implementation in system conceptualization, design, installation and maintenance.

A tour of the facility will follow the meeting.

Preceding the meeting there will be a manager's dinner/meeting at:

Churchill's Restaurant

Marriott Hotel - SW corner M23 & Plymouth Rd.
Ann Arbor (Phone 769-9800) Time: 5:30 p.m.

Results of 1990 SMPTE Detroit Section Elections

Chair: Len Eden Secy/Treas: Henry Root

Managers: Helge Blucher, Dave Grover, Dick Strauss

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MEETING NOTICE

DETROIT SECTION MEETING



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DATE: Tuesday, 19 June 1990

TIME: 8:000 P.M.

PLACE: WXYZ-TV Studios

20777 W. Ten Mile Road

Southfield, MI

SPEAKER: Robin Schwartz, Video Product Marketing Engineer

Leader Instruments Corporation

PROGRAM: Video Test and Measurement Techniques

Electron Beams! Scan Lines! Phase Shift! Electronic Pictures! What does it all mean? Video! How do we test our video signals? What equipment do we use for what?

OK - most of us know about Black Burst and Setup, but just what is the purpose of the Window pattern? What are we supposed to be able to tell from it? Robin Schwartz will present a turtorial on the use of these patterns as well as Color Bars, Multiburst, Sweep and Staircase.

She will continue on to address the use of Waveform Monitors and Vectorscopes; she'll show us how to measure Differential Gain and Phase and explain what SCH Phase is and then show us how to measure it.

The meeting will conclude with a discussion of Component Video and the importance of timing measurements using the new Leader "Shark Fin."

Ms. Schwartz has a B.S.E.E. from Syracuse University and has a background in both analog and digital circuit design.

MANAGERS DINNER: will be at 5:30 P.M. at Steak and Ale, 24666 Northwestern Highway. 353-7448