Presenting the 41st Annual

BROADCASTERS CLINIC

and

Upper Midwest Regional
SOCIETY OF BROADCAST ENGINEERS MEETING

November 14-16, 1995
Ramada Inn
(Formerly Holiday Inn Southeast)
Madison, Wisconsin
BROADCASTERS CLINIC 1995

Broadcasters Clinic 1995 begins a new decade for this conference - with the same goals it has had for the past forty years. Among these goals are:

- Career development
- Dealing with today's technologies
- Preparing for the future
Come and share your experiences with us.

TUESDAY, NOVEMBER 14

7:45 a.m.  Registration and Continental Breakfast

9:15        The Changing Face of Broadcast Engineering
            Terry Baun, Criterion Broadcast Services
            National President, Society of Broadcast Engineers

10:00       The PC Based Integrated Digital Radio Station
            David Gerstmann, President
            WireReady-NSI, Framingham, MA

10:45       Break

11:00       NRSC Compliance Update
            Greg Buchwald
            Motorola, Schaumberg, IL

Noon        Luncheon Address -
            EIA Digital Audio Radio Lab Test Report
            Tom Keller, Consultant/EIA

            Ralph Justus, DE EIA
            Arlington, VA

2:00 p.m.   EIA Digital Audio Radio Lab Test Report (continued)

2:45        Digital Storage Hardware Selection
            Jim Haupstack
            Harris/Allied, Richmond, IN

3:30        Break

3:45        Modern Day Construction of an AM Broadcast Antenna System

WEDNESDAY, NOVEMBER 15

7:45 a.m.   Registration and Continental Breakfast

8:30        Cheap Tricks . . . The Lost Art of Broadcast Equipment Maintenance
            George Wel and Steve Brown
            Partners in High Buck Engineering, Englewood, CA

9:15        Computer LANs for Broadcast
            Eugene Novacek, Enco Systems

10:00       Equipment Exhibits Are Open

1:30 p.m.   Things Your Mother Never Told You
            Don Markley, President
            D.L. Markley & Associates, Pecoria, IL

2:15        M/S Stereo Microphone Techniques
            Jack Conners
            Audio Broadcast Group, Grand Rapids, MI

3:00        Break

3:15        Exploring Alternatives to Pressurizing Transmission Lines
            Rob Park and Cheryl Riley
            Litton Commercial Products, Davenport, IA

4:00        Real World Applications of ISDN Technology
            Robert Raasch
            Masters Engineering Group Ltd., Big Bend, WI

6:30        Taco Reception
THURSDAY, NOVEMBER 16

7:30  Upper Midwest Regional Meeting of the Society of Broadcast Engineers

8:00  SBE National Teleconference Regarding the Emergency Alert System

7:45 a.m.  Continental Breakfast

8:30  (PS) 2 - More Than Just A Crowbarless Solution to IOT Protection
      Nat S. Ostroff, President
      Comark Communications, Colmar, PA

      Gary Stephens
      Leitch Inc., Chesapeake, VA

10:00  Break

10:15  HD-TV Key Parameters
      Bob Davis, Senior Scientist
      Harris Broadcast, Quincy, IL

11:00  DVCPRO "Eng Systems of the Future"
      Phil Livingston, Assistant GM of Engineering
      Panasonic Broadcast Systems, Secaucus, NJ

Noon  Luncheon

1:00  A Single Tube 60 KW UHF Television Transmitter
      Dr. Timothy Hulick
      Acrodyne Industries, Blue Bell, PA

1:45  The All Digital Television Facility
      Craig Beardsley, Advanced Technology Specialist
      Sony Business and Professional Products Group

2:30  Making A Smooth Transition to Disk Based Digital Video Technology
      Larry Sayer
      Tektronix Inc., Rolling Meadows, IL

3:30  Adjournment . . . See you at Broadcasters Clinic 1996
GENERAL INFORMATION

DATES
Tuesday through Thursday, November 14-16, 1995

LOCATION
All sessions of the Broadcasters Clinic 1995 are held at the Ramada Inn (formerly the Holiday Inn Southeast), Highway 12 and 18 at I-90, Madison, Wisconsin 53704. Phone 608-222-9121.

FEE
$130 - Any two days
$165 - All three days

Fee covers program materials, continental breakfasts and luncheons as indicated, refreshment breaks, and an evening reception with hot hors d'oeuvres (cash bar).

You are entitled to an 80% refund if cancellations are received prior to November 1, 1995. Enrollees who do not cancel are obligated for the full fee. Substitutions may be made at any time.

ACCOMMODATIONS
Please make your own room reservations with the Ramada Inn, Highway 12 and 18 at I-90, Madison, Wisconsin 53704. Phone 608-222-9121. We suggest that you make your reservations before October 15, 1995, while discounted rooms are being held for the seminar. Please specify that you are attending the Broadcasters Clinic 1995.

CREDIT
Continuing Education Units (CEU's) provided by University of Wisconsin Engineering Professional Development.

INFORMATION
For further conference or exhibitor information, contact Don Borchert, 1955 Oakland Avenue, Sun Prairie, Wisconsin 53590. Phone 608-837-3462.

1995 PROGRAM COMMITTEE
Don Borchert, Madison, WI
John Bimrose, Microspace, Raleigh, NC
Craig Bluschke, UW Engineering
Steve Brown, WLTE-CBS Radio Minneapolis, MN
Leonard Charles, WISC-TV, Madison, WI
Ken Dixon, WHA Television, Madison, WI
Mark Durenberger, Teleport Minnesota, Minneapolis, MN
Jim Hermanson, WKOW-TV, Madison, WI
Vern Kiljion, KRVN Radio, Lexington, NE
Wil Koeller, WTMJ, Inc., Milwaukee, WI
Gary Mach, University of Wisconsin, Green Bay, WI
Blaine Webster, WLIT Radio, Chicago, IL

EXHIBITORS
Among the many exhibitors at the BROADCASTERS CLINIC 1995 will be:

- 3M Company
- A&D Cartridge Rebuilding
- Acrodyne
- Andrew Corporation
- APT-Audio Pro Technology
- Arrakis Systems
- Audio Broadcast Group
- Avonix Video Systems
- Broadcast Communications
- Broadcast Television Systems
- Broadcasters General Store
- Comark Communications
- Continental Electronics
- Dielectric Communications
- Dytec
- Electronic Industries, Inc.
- Emmons Associates
- Fuji Photo Film
- G&G Technology
- German-Redlich Mfg. Co.
- Gmrsonics, Inc.
- Harris/Allied Broadcast
- Hartmann & Associates
- Leitch
- LDL Communications, Inc.
- Litton Communications
- Midwest Electronic Sales Associates
- Odetics Broadcast
- Panasonic Broadcast Systems
- Radiation Systems, Inc., Mark Antennas Division
- Ram Broadcast Systems
- RF Systems, Inc.
- Richardson Electronics, Inc.
- Roscor Wisconsin
- Secore Electronics
- Shively Labs
- Skyline Communications, Ltd.
- Society of Broadcast Engineers
- Sony Broadcast Systems
- Switchcraft
- Video Images
- Videotek
- — And More —