Presenting the New

BROADCASTERS CLINIC

and

UPPER MIDWEST REGIONAL SOCIETY OF BROADCAST ENGINEERS MEETING

October 19-21, 1999
Marriott West
Madison, Wisconsin
BROADCASTERS CLINIC 1999

Broadcasters Clinic Welcomes the Officers and Board of Directors of the National Society of Broadcast Engineers to our Conference.

TUESDAY, OCTOBER 19

7:45 a.m.  Registration and Continental Breakfast

9:15  **ISDN: Survival For Broadcast Engineers**
      *Bob Raasch*
      Soliton Inc., West Bend, WI

10:00  **Evaluation of the IBOC System**
       *Andy Laird*
       Journal Broadcasting Group, Milwaukee, WI

10:45  Break

11:00  **Interference: The Impact of FCC Proposals to Reduce Protections to Third Adjacents**
       *Doug Vernier*
       Telecommunication Consultants, Cedar Fall, IA

Noon  Lunch
       *Chris Imlay, SBE General Counsel, Washington, DC*

2:00  **The Digital Router: Heart of the Digital Audio Facility**
       *Paul Anderson*
       Logitek, Houston, TX

2:45  **MP-3 and Linux for Audio Storage and Automation**
       *Jim Hammond*
       Scott Studios, Dallas, TX

3:30  Break

3:45  **A New Solid State 10KW FM Transmitter**
       *Walt Rice*
       Broadcast Electronics, Quincy, IL

4:30  **EQUIPMENT EXHIBITS OPEN** (Everybody is welcome)

6:00  **SBE BOARD OF DIRECTORS’ MEETING** (Open to Members)

7:30  Evening Session . . . Off the Record with Don Markley
WEDNESDAY, OCTOBER 20

7:45 a.m.  Registration and Continental Breakfast

8:30   **N-1 UHF Interference**
       *Donald L. Markley*
       DL Markley & Associates, Peoria, IL

9:15   **Processing For Clean AM-FM and Television Audio**
       *Frank Foti*
       Cutting Edge Technologies, Cleveland, OH

10:00  **EQUIPMENT EXHIBITS OPEN** (Everybody welcome)

1:30 p.m.  **Enhanced Performance Cabling Solutions**
           *Steve Lampen*
           Belden Wire & Cable Co., Richmond, IN

2:15   **Impedance Matching Using Coax Connectors**
       *Mark Barton*
       Trompeter Electronics, Westlake Village, CA

3:00  Break

3:15   **Implementation of Real Time Adaptive Equalization in DTV Exciters**
       *Robert Plonka*
       Harris Broadcast Systems, Quincy, IL

4:00  Society of Broadcast Engineers Annual Membership Meeting

5:30  Awards Dinner Reception

6:15  SBE National Awards Dinner . . . Open to everybody!
       Note: (for dinner reservations please contact Linda at the National SBE office Phone (317) 253-1640)
THURSDAY, OCTOBER 21

7:45 a.m.  Continental Breakfast

8:30  
A Report On DTV Field Testing Results and Methodology  
Gary Sgrignoli  
Zenith Corporation, Chicago, IL

9:15  
Video Transport Considerations Outside The Digital Studio  
Mark Podesla  
ADC Broadcast Communications, Meriden, CT

10:00  
Break

10:15  
Post RF Depression - Transition to DTV  
Glen Sakata  
Faroudja Picture Plus, Sunnyvale, CA

11:00  
DVC Pro Operating In Multiple Signal Formats  
Phil Livingston  
Panasonic Broadcast, Secaucus, NJ

Noon  
Luncheon

1:15 p.m.  
Interconnection In the MPEG World SDTI Content Package  
Craig Beardsley  
Sony Electronics, Park Ridge, NJ

2:00  
HDTV STL Systems Update  
David O. Thomas  
Nucomm Microwave, Hackdettstown, NJ

2:45  
Test Results of COFDM In The Eng Environment  
David W. Ayotte  
Broadcast Microwave Services, San Diego, CA

4:00  
Adjournment . . . THANKS AND SEE YOU NEXT YEAR!
REGISTRATION FORM
BROADCASTERS CLINIC 1999
October 19-21, 1999

I will attend: (Please check)

☐ Tuesday  ☐ Wednesday  ☐ Thursday

Fees: $155 (Any two days) $180 (All three days)

Amount enclosed: $ __________________________

Name: ______________________________________

Organization/Station: ________________________

Business Address: _____________________________
street

_________________________________________________
city/state/zip

Phone: (___) ________________________________
area code daytime number/evening number

Social Security No.: __________________________
Not mandatory - used to ensure accessibility and accuracy of your educational record.

Mail this form and your check made payable to Broadcasters Clinic:

Don Borchert
1955 Oakland Avenue
Sun Prairie, WI 53590

To register by phone,
please call 608-255-2600 or fax to 608-256-3986.
1999 PROGRAM COMMITTEE

Don Borchert, Madison, WI
Terry Baun, Criterion Broadcast Services, Milwaukee, WI
Craig Bluschke, UW Engineering
Mark Burg, WLAX-TV, La Crosse, WI
Chris Cain, Madison, WI
Leonard Charles, WISC-TV, Madison, WI
Ken Dixon, WHA Television, Madison, WI
Cliff Groth, Marathon Media, Fort Atkinson, WI
Jim Hermanson, WISC-TV, Madison, WI
Vern Killion, KRVN Radio, Lexington, NE
Wil Koeller, WTMJ, Inc., Milwaukee, WI
Gary Mach, University of Wisconsin, Green Bay, WI
Kevin Ruppert, WISC-TV, Madison, WI
Art Williams, WBAY-TV, Green Bay, WI

EXHIBITORS

Among the many exhibitors at the BROADCASTERS CLINIC 1999 are:

Acrodyne
Adaptive Broadband
ADC Telecommunications
Alcatel
Andrew Corporation
Audio Broadcast Group
BCS Wireless, Inc.
Belden Wire Cable
Benson Technical Works
Broadcast Electronics, Inc.
Broadcast Microwave Services
Broadcast Supply
Broadcasters General Store
Camera Corner
Chyron Corporation
Clark Wire & Cable
Comark
Comsat RSI
Continental Electronics
Crown Broadcast
Dielectric Communications
Discreet Logic USA
Dorrough Electronics
ERI-Electronics Research
Evertz
Faroudja Laboratories
Force Incorporated
Fuji USA
Full Compass
Gepco International, Inc.
Gorman Redlich Mfg. Co.
Harris Broadcast
Heartland Video Systems
Hewlett Packard Co.
Ikegami Electronics
Innovative Power, Inc.
Intraplex, Inc.
Kintronic Labs, Inc.
LeBlanc Broadcast, Inc.
Leitch
Litton Systems, Inc.
Louth Automation
Microwave Radio Communications
Midwest Sales
Mohawk, CDT
Norlight Teleport Chicago
NS Microwave
Nucomm
NVision
Odetics Broadcast
Panasonic Broadcast
Philips Broadcast TV
Ram Broadcast Systems
Raytheon/Switchcraft
Richardson Electronics
Rohn Industries, Inc.
Rosecr Corporation
Ross Video
Shively Labs
Skyline Communications
Sonic Foundry
Sony Electronics, Inc.
Spencer Technologies
Tech Electric Company
Tektronix
Thomcast Communications
Trompeter Electronics
Tron Tek
Utah Scientific
V-Soft
Video Images, Inc.
Weather Central, Inc.
Zack Electronics
And More . . .
GENERAL INFORMATION

DATES
Tuesday through Thursday, October 19-21, 1999

LOCATION
All sessions of the Broadcasters Clinic 1999 are held at the Marriott-West, Madison, Wisconsin.

FEE
$155 - Any two days
$180 - 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 October 2, 1999. 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 Marriott-West. The hotel telephone number is 608-831-2000. We suggest that you make your reservations before September 18, 1999, while discounted rooms are being held for the seminar. Please specify that you are attending the Broadcasters Clinic 1999.

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.