Presenting the New
BROADCASTERS
CLINIC
and
UPPER MIDWEST REGIONAL
SOCIETY OF BROADCAST
ENGINEERS MEETING

October 17-19, 2000
Marriott West
Madison, Wisconsin
BROADCASTERS CLINIC 2000
Have questions since NAB in spring? We hope the CLINIC/SBE this fall provides answers for you . . . Program Planning Group

TUESDAY, OCTOBER 17
7:45 a.m.   Registration and Continental Breakfast

9:15   Fiber Optics as it Relates to High Speed Internet Technology
      Charles Burger, Consultant

10:00   T1 Technology for Broadcasters — A nuts and bolts approach
        Chris Singleton
        Harris Intraplex, Littleton, MA

10:45   Break

11:00   LPFM, TRANSLATORS AND IBOC.... PERSPECTIVE AND UPDATE
        Ben Evans
        Evans Associates, Thiensville, WI

Noon   Luncheon

2:00 p.m.   Linux for the Broadcaster
            Jay Mielke
            Bliss Communications, Janesville, WI

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

3:30   Break

3:45   POWER — POWER — POWER
       Chuck Forster
       Forster Engineering, Oregon, WI

4:30   EQUIPMENT EXHIBITS OPEN (Everybody is welcome)

7:30   Evening Session . . . Looking Back with Mike Dorrough and Others
WEDNESDAY, OCTOBER 18

7:45 a.m.  Registration and Continental Breakfast

8:30  **FM BOOSTERS AND TRANSLATORS — HOW TO CHOOSE**
**Jeremy Ruck**  
D.L. Markley Associates, Peoria, IL

9:15  **Advantages of COFDM over Analog RF Transmission in the 2 GHz BAS ENG Band**
**Andrew Larsen**  
MRC Video/Adaptive Broadband, Woburn, MA

10:00  **EQUIPMENT EXHIBITS OPEN** (Lunch is available)

1:30 p.m.  **How Star Quad Works**
**Steve Lampen**  
Belden Electronics, Richmond, IN

2:15  **AFS Audio Technology**
**Randy Hall**  
ADC / N VISION, Grass Valley, CA

3:00  Break

3:15  **PSIP TUTORIAL**
**Michael Isnardi**  
Compression Systems, Sarnoff Corporation  
Princeton, NJ

6:00  **RECEPTION**

7:00  Upper Midwest Regional Society of Broadcast Engineers Meeting
THURSDAY, OCTOBER 19

7:45 a.m.  Continental Breakfast

8:30  **On Channel Boosters as Gap Fillers**
      *Richard Schwartz*
      ADC Broadcast Systems, McMurray, PA

9:15  **The Role of 601 in a Sensible Transition Plan to DTV and HDTV**
      *Ian Caldwell*
      Miranda Technologies, St. Laurent, Quebec

10:00  Break

10:15  **New Generation of High Power IOT Transmitters**
      *Andy Whiteside*
      Acrodyne/Sinclair Broadcast Group

11:00  **CONSIDERATIONS IN DEFINING DTV SERVICE AND COVERAGE**
      *John F.X Browne, P.E.*
      Browne and Associates, Bloomfield, MI

Noon  Luncheon

1:15 p.m.  **Real World Solutions to Adjacent Channel Combining**
           *Bob Plonka*
           Harris Corporation

2:00  **MPEG Recording and Networking in a Production Environment**
      *Craig Beardsley*
      Sony Broadcast, Park Ridge, NJ

2:45  **Computer Networking comes to Television . . . It Ain’t Just DVCPRO**
      *Phil Livingston*
      Panasonic Broadcast, Secaucus, NJ

3:30  **COFDM for DTV**
      *Nat Ostroff*
      Sinclair Broadcast

4:00  Adjournment . . . THANKS and see you next fall!
REGISTRATION FORM
BROADCASTERS CLINIC 2000
October 17-19, 2000

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.
2000 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 2000 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
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.
Ikemagi Electronics
Innovative Power, Inc.
Intraplex, Inc.
Kintronic Labs, Inc.
LeBlanc Broadcast, Inc.
Leitch
Litton Systems, Inc.
Lutron Automation
Microwave Radio Communications
Midwest Sales
Mohawk, CDT
Nolight Teleport Chicago
NS Microwave
Nucomm
NVision
Odetics Broadcast
Panasonic Broadcast
Philips Broadcast, TV
Ram Broadcast Systems
Raytheon/Switchcraft
Richardson Electronics
Rein Industries, Inc.
Roscor 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 17-19, 2000

LOCATION
All sessions of the Broadcasters Clinic 2000 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, 2000. 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 15, 2000, while discounted rooms are being held for the seminar. Please specify that you are attending the Broadcasters Clinic 2000.

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.