BROADCASTERS CLINIC

AND

Upper Midwest Regional Society of Broadcast Engineers Meeting

October 24-26, 2006
The Marriott West • Madison, Wisconsin
TUESDAY, OCTOBER 24

7:45 a.m.  REGISTRATION & CONTINENTAL BREAKFAST

9:15  HD Radio - “Audio Levels in the Digital Age”  
      Gordon Carter, WFMT-FM

10:00  HD Radio - “IBOC Coverage and Interference Issues”  
       Doug Vernier, V-Soft Communications

10:45  BREAK

11:00  HD Radio - “Audio Processing for Coded Audio, 51 Surround, and more!!”
       Frank Foti, Telos/Omnia

Noon  LUNCHEON (Provided for Clinic Attendees)

2:00 p.m.  “Getting That Raise”
            John Bisset, Broadcast Electronics & Radio World

2:45 p.m.  “Managing Your Tower Crew”
            Richard Wood, Resonant Results

3:30  BREAK

3:45  “Audio IP Transport”
      Chris Crump, Comrex Corporation

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

7:30  Engineering Nuts & Bolts
      With Steve Brown, Vern Killion, Steve Lampen, and John Bisset
WEDNESDAY, OCTOBER 25

7:45 a.m.  REGISTRATION & CONTINENTAL BREAKFAST

8:30  “Tower Effects When Removing Analog Equipment”
      Thomas Hoenninger, Stainless LCC

9:15  “Specifications for Bid Submission”
      Jeremy Ruck, DL Markley and Associates

10:00 EQUIPMENT EXHIBITS OPEN -
      LUNCH TICKET REQUIRED
      *(Lunch provided in Exhibit Hall for Clinic Attendees)

1:30 p.m.  “How Big Is Your Pixel?”
      Steve Lampen, Belden CDT

2:15  “Spectral Regrowth of a Digital Transmitter”
      Robert Surrette, Shively Labs

3:00  BREAK

3:15  “Computer Security in the Broadcast Environment”
      Rich Parker, Vermont Public Television

4:00  “Surround Miking and Encoding”
      Steve Clarke, Minnetonka Audio

6:00  RECEPTION

7:00  Upper Midwest Regional Society of Broadcast Engineers
      Meeting

* Exhibitors may purchase lunch tickets at the
  Clinic Registration Table for $12.00
THURSDAY, OCTOBER 26

7:45 a.m.  REGISTRATION & CONTINENTAL BREAKFAST

8:30  “Adjacent Channel Considerations when operating COFDM in the 12Mhz BAS Channel Plan”
      Russell Murphy, Broadcast Microwave Services

9:15  “The Wisconsin ECB and the Road to an IP Infrastructure”
      Tom Voights, Roscor Corporation

10:00  BREAK

10:15  “P2 Meets HD”
      Phil Livingston, Panasonic Broadcast

11:00  “Advanced VSB (A-VSB) Introduction”
      Mike Simon, Rohde & Schwarz

Noon  LUNCHEON (Provided for Clinic Attendees)

1:15 p.m.  “HD XDCam”
      Joe Perecman, Sony Electronics Inc.

2:00  “DTV Receive Antennas”
      Kerry Cozad, Dielectric Communications

2:45  “DTV Coverage and RF Measurements”
      James Zook, Z Technology
REGISTRATION FORM
BROADCASTERS CLINIC 2006
October 24-26, 2006

I will attend: (Please check)

☐ Tuesday  ☐ Wednesday  ☐ Thursday

Fees: $130 (Any two days)  $150 (All three days)

PLEASE FILL OUT COMPLETELY

Name: ____________________________________________________________

Organization/Station: ______________________________________________

Business Address: _________________________________________________

                                              street

                                              city/state/zip

Phone: (___) _______ area code ______ daytime number/evening number

Email Address: _____________________________________________________

Amount enclosed: $ __________________________

Mail this form and your check by October 1, 2006,
made payable to Broadcasters Clinic:

Linda Baun
WBA
44 E. Mifflin Street. Ste. 900
Madison, WI 53703

To register by phone,
please call 1-800-236-1922 or fax to 608-256-3986
or register at www.wi-broadcasters.org
2006 PROGRAM COMMITTEE

Kent Aschenbrenner, WTMJ, Inc., Milwaukee, WI
Don Borchert, Madison, WI
Craig Bluschke, UW Engineering, Madison, WI
Stephen Brown, WLTE - CBS Radio, Minneapolis, MN
Mark Burg, WLAX-TV, La Crosse, WI
Gordon Carter, WFMT Radio, Chicago, IL
Leonard Charles, WISC-TV, Madison, WI
Greg Dahl, Second Opinion Communications, Inc., Rockford, IL
Clif Groth, Clear Channel Radio, Madison, WI
Vern Killion, KRVN Radio, Lexington, NE
Vicki Kipp, ECB, Madison, WI
Gary Mach, Green Bay, WI
Kevin Ruppert, WISC-TV, Madison, WI
Tom Smith, WHA TV, Madison, WI

EXHIBITORS

Among the many exhibitors at the BROADCASTERS CLINIC 2006 are:

ADC
Advanced Designs
AEQ Broadcast
Alpha Audio and Video
Anixter
Armstrong
Audemar - Aztec
AVI
Avid Technology
Axcell
Belden CDT
Broadcast Microwave Services
Broadcast Electronics, Inc.
Broadcasters General Store
Burk Technology
Calypso
Canon
Chyron Corporation
Clark Wire & Cable
Comrex Corp.
Continental Electronics
Crispin Corp.
Data Media
DaySequerra
Dielectric Communications
Enco Systems
ERI-Electronics Research
Evertz MicroSystems
Florical Systems Inc.
Fuji Photo

Full Compass
Gepco International, Inc.
Gorman Redlich Mfg. Co.
Harris Broadcast
Heartland Video Systems
Hitachi
Jampro Antennas
Joseph Electronics
Larcan
Leader Instruments
Leitch
Lights by H&H
Logitek
Masstech
MAT
Microwave Radio Communications MidWest Media
Miranda Technologies
Moseley
N-Systems (NSI)
Nautel
Norlight Teleport Chicago
Nucomm
NVision
Onmeon
Orban
Panasonic Broadcast
Pesa Switching System
QEI
Radio Systems

Ram Broadcast Systems
Resonant Results
RF Technology
Rohde & Schwarz
Richardson Electronics
Roscor Corporation
Ross Video
Scott Studios
Seachange
Serial Scene
Snell & Wilcox
Sony Electronics
Spencer Technologies
St. Paul Tower
Stainless LCC
Sundance
Superior Broadcast Products
Switchcraft
Tektronix
Thales Components
Thomcast Multi-Media
Tron Tek
Utah Scientific
V-Soft
Video Tek
Vistek
Vizrt
Wave Communications
Weather Central, Inc.
Wheatstone
GENERAL INFORMATION

DATES
Tuesday through Thursday, October 24-26, 2006

LOCATION
All sessions of the Broadcasters Clinic 2006 are held at the Marriott-West, located at 1313 John Q. Hammons Drive, Madison, WI, Phone number: 608-831-2000.

FEE
$130 - Any two days
$150 - 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). Vegetarian meals can be requested by calling the WBA office at 1-800-236-1922, by October 17, 2006.

The WBA will need to guarantee meal counts with the hotel, therefore the WBA will NOT refund any cancellations made after October 17th, 2006. The WBA will also invoice for all “no-shows.”

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 8, 2006, while discounted rooms are being held for the seminar. Please specify that you are attending the Broadcasters Clinic 2006. For a list of surrounding hotels, visit: www.sbe24.org.

INFORMATION
For further conference or exhibitor information, contact Don Borchert, 1955 Oakland Avenue, Sun Prairie, Wisconsin 53590. Phone 608-837-3462 or visit: www.sbe24.org.

REGISTRATION
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