

BROADCASTERS CLINIC

AND

UPPER MIDWEST REGIONAL
SOCIETY OF BROADCAST
ENGINEERS MEETING

October 24-26, 2006

The Marriott West • Madison, Wisconsin



BROADCASTERS CLINIC 2006

Program Agenda

TUESDAY, OCTOBER 24

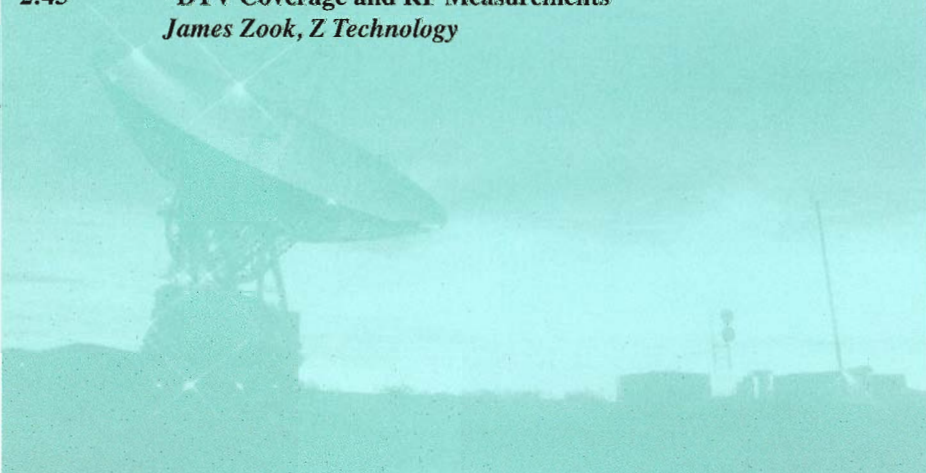
- 7:45 a.m.** *REGISTRATION & CONTINENTAL BREAKFAST*
- 9:15** **HD Radio - "Audio Levels in the Digital Age"**
Gordon Carter, WFMT-FM
- 10:00** **HD Radio - "IBOC Coverage and Interference Issues"**
Doug Vernier, V-Soft Communications
- 10:45** *BREAK*
- 11:00** **HD Radio - "Audio Processing for Coded Audio, 5.1 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
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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:

A D C	Full Compass	Ram Broadcast Systems
Advanced Designs	Gepco International, Inc.	Resonant Results
AEQ Broadcast	Gorman Redlich Mfg. Co.	RF Technology
Alpha Audio and Video	Harris Broadcast	Rohde & Schwarz
Anixter	Heartland Video Systems	Richardson Electronics
Armstrong	Hitachi	Roscor Corporation
Audemat - Aztec	Jampro Antennas	Ross Video
AVI	Joseph Electronics	Scott Studios
Avid Technology	Larcen	Seachange
Axcera	Leader Instruments	Serial Scene
Belden CDT	Leitch	Snell & Wilcox
Broadcast Microwave	Lights by H&H	Sony Electronics
Services	Logitek	Spencer Technologies
Broadcast Electronics, Inc.	Masstech	St. Paul Tower
Broadcasters General Store	MAT	Stainless LCC
Burk Technology	Microwave Radio	Sundance
Calypso	Communications	Superior Broadcast
Canon	MidWest Media	Products
Chyron Corporation	Miranda Technologies	Switchcraft
Clark Wire & Cable	Moseley	Tektronix
Comrex Corp.	N-Systems (NSI)	Thales Components
Continental Electronics	Nautel	Thomcast Multi-Media
Crispin Corp.	Norlight Teleport Chicago	Tron Tek
Data Media	Nucomm	Utah Scientific
DaySequerra	NVision	V-Soft
Dielectric Communications	Omneon	Video Tek
Enco Systems	Orban	Vistek
ERI-Electronics Research	Panasonic Broadcast	Vizrt
Evertz MicroSystems	Pesa Switching System	Wave Communications
Floral Systems Inc.	QEI	Weather Central, Inc.
Fuji Photo	Radio Systems	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

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