



The Society of Broadcast Engineers

Fox Valley Wisconsin SBE Chapter 80
PO Box 1519
Appleton, WI 54912-1519

May 2011

The next meeting of SBE Chapter 80 will be at the TitleTown Brewery, at Noon on Tuesday May 17th. Our program will be by Larry Edwards from Belden on connectivity.

Chairman's Corner

Welcome to our eNewsletter!

Our next meeting of Chapter 80 will be on Tuesday, May 17th, 2011 noon at **Titletown Brewery** 200 Dousman St. Green Bay. Our program this month will be presented by Larry Edwards of Belden. Larry will tell us about the new HD Brilliance line of connectivity products now available from Belden. Larry will be in town to represent Belden at the Camera Corner Technology Expo. Bring along a friend or two and plan to join us!

Our last meeting was held Tuesday, April 19th, 2011 at noon at the Out O' Town Club in Kaukauna. The meeting included a review of NAB 2011, an informal slide Presentation on the WEAU-TV tower collapse on March 22nd, 2011 in Fairchild Wi. A special thanks to Gary Mach for the pictures & Bill Hubbard for the video Assistance.

The Camera Corner Connecting Point (CCCP) annual Technology Expo is coming up on Tuesday, May 17, 2011, from 8:00 am. to 3:30 pm. at the KI Convention Center in downtown Green Bay. We hope you can attend the Expo before or after the SBE Ch.80 meeting.

The Newsletter is posted on our website <http://www.sbe80.org> , and archive copies, as well as other Chapter 80 and SBE information are available as well.

Upcoming events:

Wednesday, June 22, 2011 – WBA/SBE Summer Engineering Clinic - Grand Geneva Resort & Spa in Lake Geneva, WI. Mark your calendars and plan to attend! Register and make your hotel reservations now. For information: <http://www.wi-broadcasters.org>

Tuesday, July 19, 2011 – SBE Chapter 80 – Summer Picnic WGBW Transmitter Facility

I look forward to seeing you on May 17th, 2011 at our Chapter 80 meeting at **Titletown Brewery**, 200 Dousman St. Green Bay.

Regards,
Timothy J. Laes

Camera Corner Technology Expo 2011 05/17/2011 8:00am – 3:30pm at the KI Convention Center, Green Bay, WI

The Camera Corner Connecting Point (CCCP) annual Technology Expo is coming up on Tuesday, May 17, 2011, from 8:00 a.m. to 3:30 p.m. at the KI Convention Center in downtown Green Bay. Register by May 1st to be entered in a drawing for valuable prizes. To register, go to: www.cccp.com , or contact Mary Phillips at (920) 438-0343. It is a free event, but you need to pre-register to attend. This year's expo will feature a keynote address on cloud computing from Renee Bergeron from Ingram Micro. <http://www.cccp.com>





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2011 Summer Engineering Workshop

Save the date! The WBA-SBE Summer Engineering Workshop is scheduled for June 22nd at the Grand Geneva Resort and Spa in Lake Geneva, Wisconsin. The session schedule is being finalized now and will feature The EAS-CAP Mandate, The Alternative FCC Inspection, Interference Situations and Studies, and Disaster Planning. There will also be a panel discussing actual recent disasters, their impact, short-term recovery, and long-term path back to normalcy.

SBE Celebrates Leadership Training!

The SBE has always been committed to offering leadership training to broadcast engineers. Learning how to communicate with upper management, customers and others on your team are imperative for success. That's why we are extending two offers to compel you to better your leadership skills. The SBE Leadership Development Course, a three-day intense and highly interactive course, takes place in Atlanta, August 2-4. Sign up for the course now, and you will get the Leadership Development Webinar Series for FREE to help you prepare. The cost for SBE Members is \$580 and \$630 for non-members. Topics of the course include the function and nature

of leadership, generational differences in the workplace, a leadership style assessment, managing conflict and more.

For a limited time, the Leadership Development Webinar Series is being offered at a deep discount. Normally \$117, this series is being offered for a limited time for only \$45 for SBE Members and \$59 for non-members. The webinars provide an introduction to the function and nature of leadership, communication and motivation. Details on Leadership Training offered by SBE

SBE offers Technical Presenters for local events

The Society of Broadcast Engineers is working with select industry professionals to be a part of the new SBE Technical Presenters Group. For a reasonable fee and travel expenses, groups such as state broadcasters associations, broadcasting companies, SBE chapters and others have the opportunity to include one of these speakers in their next engineering conference, or as a trainer for their engineering staff. Speakers from the SBE Technical Presenters Group are generally available to speak across the country. [Click here](#) for details on the current presenters and programs being offered.

Still need to renew your SBE membership? Renew now using our easy [automated SBE renewal system](#).



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CHAPTER 80 ELECTED AND APPOINTED OFFICERS 2010-2011

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Board of Dirs/SBE Liaison	Keith Kintner	UWO	920-424-7357	kintner@uwosh.edu

The Latest on a National Test of the EAS

Most of the talk in the EAS world for the past several months has been about CAP and Part 11 rewrites, but there is an EAS issue that will impact all broadcasters before CAP becomes a reality. That is, a National EAS test, similar to what has been done in well-publicized tests in Alaska and lesser known tests in the U.S. Virgin Islands.



According to FEMA representatives, the National EAS test will hopefully happen sometime in 2011. They say hopefully, because a lot of coordination still needs to happen with the FCC, the White House, the Department of Homeland Security and the Department of Defense.

We do know some basic information about the test. It will NOT be voiced by the President. Instead, it will be a prerecorded message from a presidential designee. The audio in the test will last at least two minutes. The

test itself will be a live EAN (Emergency Action Notification) code using the Washington, D.C. FIPS code. There will be no EAT (Emergency Action Termination). FEMA feels that would in effect be two live code national tests and is not needed. The EOM at the end of the EAN will signal the end of the test. FEMA is planning on doing a lot of education leading up to the national test. You will see more from them on this topic this summer. SBE is working with FEMA to get the message out through planning roundtable discussions and webinars. Keep checking www.sbe.org and www.fema.gov/emergency/ipaws for more information.

Jeff Smith, CSRE, CBNT
SBE EAS Education Committee Co-chair

The SBE Chapter 80 Newsletter is published monthly. Members are welcome to contribute articles or ideas. Please have your submissions in by the 4th of the month to Dave Driessen or Bill Tessman

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WISCONSIN PUBLIC RADIO'S 2011 EAS SCHEDULE

The Required Monthly Test (RMT) will occur on the First Wednesday of the month. Wisconsin stations should receive an RMT from their regional NOAA weather station on odd months at approximately 8:50am. On even months stations should receive an RMT either from the Educational Communications Board (ECB) Telecommunications Operations Center or from the Wisconsin Emergency Management office (WEM) at Truax Field in Madison, through the State Relay stations at approximately 11:50pm.

If an RMT is carried by the Wisconsin Public Radio stations, they will normally NOT carry a Weekly Test since only one test per week is required. If for some reason a Required Weekly Test is missed or impaired, it will be "made up" on the Friday of that week at the same scheduled time of day. (<http://www.wpr.org/eas/>)

DAY/DATE TIME COMMENT.....

W 2 Mar 0850 Routine Monthly Test initiated by NOAA
R 10 Mar 1059
M 14 Mar 1459
T 22 Mar 1259
W 30 Mar 1059

W 6 Apr 2350 Routine Monthly Test initiated by ECB
R 14 Apr 1059
M 18 Apr 1459
T 26 Apr 1259

W 4 May 0850 Routine Monthly Test initiated by NOAA
R 12 May 1059
M 16 May 1259
T 24 May 1459

W 1 Jun 2350 Routine Monthly Test initiated by WEM
R 9 Jun 1459
M 13 Jun 1259
T 21 Jun 1059
W 29 Jun 1459

Position Opening

Dave Gordon our Station Manager wanted me to send out an email to a few folks who may know of someone who would be interested in the Station Engineering position for Bethesda Christian Broadcasting. They own six stations including the two in Sturgeon Bay, and the responsibilities would primarily be for the stations and translators based out of Sturgeon Bay. That does include all radio and administrative infrastructure. I live in Green Bay and commuted every day to Sturgeon Bay.

This is a full time position with benefits. Salary is negotiable. If you know someone that is interested, have them email Dave Gordon at dgordon@bcbradio.org. They would like to fill this position as soon as possible.

Thank you,
Kevin Odgers – WPF / WNLI

SBE 2011 EXAM DATES LOCATION APPLICATION DEADLINE

April 12, 2011 LVH at NAB
March 25, 2011
June 3-13, 2011 local chapters
April 15, 2011
August 5-15, 2011 local chapters
June 3, 2011
November 4-14, 2011 local chapters
September 16, 2011

If you have any questions, please contact the Certification Director, Megan Clappe. Help your professional society "Raise the Bar" by recruiting a new member

The On Line Engineer does a video about a buzzing High Voltage Transformer
theonlineengineer.org/v20/Videos/053hvbuzz
High Speed connection suggested

2011 ENGINEERING DAY AGENDA

Wednesday, June 22

The 2011 WBA-SBE Summer Engineering Workshop is set for June 22nd at the Grand Geneva Resort & Spa in Lake Geneva, WI. The day's sessions are loaded with current and relevant topics in the career of today's Broadcast Engineer.

8:00 AM – 6:30 PM: Registration *Location: Grand Geneva Lobby Hallway*
(OUTSIDE OF HILLCROFT'S GIFT SHOP IN MAIN HALL AND ONE DOWN NEAR THE EXHIBIT AREA)

8:40 AM – 4:30 PM: Engineering Sessions *Location: Linwood A*

8:40 AM: Opening Remarks – Michelle Vetterkind, WBA President & CEO

8:45 AM: All Things “G” We'll hear from a wireless carrier on just what 3G, 4G, and the new IPv6 is all about and how extensive their deployment.

9:30 AM: Network Security We will continue our theme over the last couple of years in exploring all things bad that can happen on your computer network and how you can prepare for and avoid them.

10:15 AM: Break

10:30 AM: The Alternative FCC Inspection What are the common issues that arise out of the Inspection and how you can prepare your station for a passing grade.

11:15 AM: Techniques for Long Haul Audio and Video Transmission over TCP/IP We'll explore various Audio and Video compression schemes and the results of side by side evaluation

12:00 PM: Lunch *Location: BRISSAGO Restaurant*

1:15 PM: Wisconsin EAS-CAP Update September 30th is the FCC mandate for stations to deploy CAP enabled EAS equipment. We'll explore the latest State of Wisconsin Plan for CAP.

2:00 PM: Windmill Interference to Broadcast Signal Reception We'll look at an extensive consultant study of the Fond du Lac area Wind Farms and their affect on off air reception in the area.

2:45 PM: Break

3:00 PM: Disaster Recovery We'll hear from an equipment manufacturer on how to prepare your station for a disaster. We'll also hear how this manufacturer has helped stations recover from actual disasters.

3:45 PM: Disaster Recovery Panel We'll convene a panel of recent disaster victims and hear firsthand what happened and how their station recovered.

4:30 PM: End of Sessions

5:00 PM: Exhibits and Reception

“Thank You to Summer Conference Engineering Program Committee”

Kent Aschenbrenner, Milwaukee Public Television
Mark Burg, WLAX-TV
Gordon Carter
Leonard Charles, Television Wisconsin, Inc.
Greg Dahl, Second Opinion Communications, Inc.
Clif Groth
Bill Hubbard, UW-Green Bay
Vern Killion
Keith Kintner, UW-Oshkosh
Gary Mach
Jason Mielke, WCLO/WJVL
Kevin Ruppert, WISC-TV
Tom Smith, WHA-TV
Linda Baun, WBA Liaison

5:00 PM – 7:30 PM: Exhibit Reception *Location: Maple Lawn Ballroom*

7:30 PM – 10:00 PM: Dinner & Entertainment *Location: Geneva Chophouse and Embers Terrace*

Please click to register: [Registration](#)

**MARK YOUR CALENDARS FOR THE 2011 BROADCASTERS CLINIC
OCTOBER 11-13, 2011, MARRIOTT MADISON WEST HOTEL**

NOTICE OF INFORMATION

COLLECTIONThe FCC is asking for information pertaining to the maintenance of the Public File by both commercial and non-commercial broadcasters. The notice (<http://www.gpo.gov/fdsys/pkg/FR-2011-04-18/pdf/2011-9251.pdf>), asking for comment, was published in the Federal Register on Monday, April 18th. The FCC did not release any other notice concerning the inquiry. The Commission is asking for information concerning the FCC's estimate of the time burden on stations to maintain the Public File including ways to reduce the burden on stations particularly on smaller stations, the practical utility of the collection of the information and ways to enhance the quality, utility and clarity of the information collected. This review is required by the Office of Management and Budget from time to time to meet the Paperwork Reduction Act of 1995. The Notice is two pages in the Federal Register with one page listing all of the items in the rules that are required in the Public File. From the format of this notice, the Commission is not looking for the regular formal comments. This time the filing method is to an e-mail box only, instead of the FCC's regular comment filing system. Comments are due on June 17th. (Sbe24.org Tom Smith)

NOTICE OF PROPOSED RULEMAKING WT Docket Nos. 08-61 and 03-187, DA 11-558
Wireless Telecommunications Bureau Invites Comment on Draft Environmental Notice Requirements and Interim **Procedures Affecting the Antenna Structure Registration Program** On April 5th, the FCC released a notice (<http://edocket.access.gpo.gov/2011/pdf/2011-7785.pdf>) in the Federal Register concerning the filing of an environmental impact statement on new towers that exceed 450 feet in height. The applicant must provide notice to the public and collect comments before it files for an Antenna Structure Registration for the new tower. Notice must be given to the local community and the FCC will publish a notice on its website. The proposed rules are in response to a ruling by the Court of Appeals in Washington D.C. from a lawsuit against the FCC by the

American Bird Conservatory. Comments were due on May 5th. (Sbe24.org Tom Smith)

Nominate someone for the Don Borchert Broadcasters Clinic Fellowship.

The Don Borchert Broadcasters Clinic Fellowship provides financial support to attend the Broadcasters Clinic when that attendance would not otherwise have been possible. The recipient(s) will be provided receipt reimbursements for Lodging and Food/Travel expenses. Registration to the Broadcasters Clinic will be provided complimentary by the Wisconsin Broadcasters Association. To apply fill out the form below and mail it to:

Wisconsin Broadcasters Association
Don Borchert Broadcasters Clinic Fellowship
44 E. Mifflin Street, Suite 900
Madison, WI 53703

[Application \(pdf\)](#)

Web Site of the Month: Made by Monkeys

Products that somehow slipped by the QC Cops by Design News Magazine

http://www.designnews.com/blog/Made_by_Monkeys/index.php

SBE Membership Drive Enters Last Month

SBE's annual Membership Drive, with the theme, "Raising the Bar," continues through May 31. Each year the SBE places an emphasis in the spring on bringing new members to the Society. Anyone working in the field of broadcast engineering will benefit from membership and the entire organization benefits from a large and active membership as well.



Members who recruit new members (Member, Associate Member and Sustaining Member categories) during the Drive receive a \$5 discount off their 2012 membership renewal, with a maximum discount of \$25. Recruiters are also entered into a prize drawing each time they recruit a new member (Sustaining Members, which are manufacturers and suppliers, count as five entries).

The Grand Prize is a trip for the winner to the SBE National Meeting and [Ohio Broadcast Engineering Conference](#), sponsored by the Ohio Association of Broadcasters, September 27-28, 2011 in Columbus, Ohio. The trip includes roundtrip air transportation from within the Continental U.S., two nights stay at the [Crown Plaza Hotel](#) in downtown Columbus, free registration for the National Meeting and OAB Engineering Conference, which includes access to the technical sessions, tradeshow, SBE Annual Membership Meeting, National Awards Reception and Dinner. Other [great prizes](#) will also be awarded, donated by SBE Sustaining Members.

Two top participating chapters, based on the percentage of their members who have recruited at least one new member, will also receive recognition.

Do you have someone in mind right now that you would like to invite to join? Share with them the [benefits of membership](#) and then ask them to use the easy [on-line membership application](#) located at the SBE website. Applications are also available on the website to download for printing or scanning. Remind them to put your name on the "Sponsor" line of the application so you get credit for your recruiting efforts.

Growing SBE membership is a shared responsibility of us all. Please do your part by recruiting a member during the SBE Membership Drive and help "Raise the Bar" for the Society.