



The Society of Broadcast Engineers

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

May 2015

Like us on FaceBook - [facebook.com/sbe80](https://www.facebook.com/sbe80)
Our website sbe80.org
Twitter: @sbechapter80

Our next SBE Chapter 80 meeting will be Tuesday May19th at the Out-O-Town Club in Kaukauna at noon. Our speaker will be Hamish McMillan of Vitec

Chairman's Corner

Hello everyone, welcome to spring time, along with all those weeds and vines already growing up into our tower bases! Members and guests are welcome at our next SBE Chapter 80 monthly meeting to be held on Tuesday, May 19, 2015 at 12:00 noon at the Out O' Town Club in Kaukauna. Our program will be presented by Mr. Hamish McMillan of Vitec. His topic will be in-plant A/V distribution of the network. And, he is buying our lunch!

Our last meeting was on April 21 where the annual NAB review was presented by our convention attendees. Thanks to Tim Laes for chairing that meeting while my work kept me from attending.

Please visit our Chapter website www.sbe80.org for more items of local, regional and national interest.

Regards,
Steve Konopka



Upcoming meetings:

June 17 – WBA Summer Engineering Conference at the Kalahari (see more info below)

Register: <http://www.wi-broadcasters.org/events/summer-conference/>

July 21 – Chapter 80 summer site picnic

August 18 – Bob Sobiek – Cellcom – Broadcast to Cellular interference

September – Open

October 13-15 – Broadcasters Clinic and National SBE meeting

November – Open

December – Open

Certification Application Deadlines Approaching

2015 EXAM SESSION	APPLICATION DEADLINE
June 5-15	April, 10, 2015
August 7-17	June 5, 2015
November 6-16	October 2, 2015

If you have any questions contact the Certification Director, Megan Clappe.

Click [HERE](#) for the certification applications. If you have any questions contact the Certification Director, [Megan Clappe](#).

Transmitter Maintenance Checklist Webinar is June 18

Steve Fluker, CBT, will present a webinar titled "Transmitter Maintenance Checklist" on Thursday, June 18 at 2 p.m. ET. This one-hour SBE webinar will cover the regular tasks that should be performed at a tower site. While maintenance of the transmitter itself is important, keeping accurate and up-to-date logs and records is paramount to maintaining the entire site. Each site visit should include several regular checks. Some items are checked on each visit, some are checked monthly or quarterly and some are seasonal. This webinar will provide a thorough overview for engineers who are newer to broadcast engineering and a good review for more seasoned engineers.



Fluker is senior engineer at WFTV/WRDQ-TV/Cox Media in Orlando, FL, and has more than 35 years of experience as a broadcast professional and manager in both radio and TV. He has written papers and given presentations for the SBE, NAB, AES, European HD Radio Alliance as well as other local and national conferences.

Registration fee for the webinar is \$49 for SBE members. The fee for non-members is \$80. [Register online](#) or call the SBE national office at 317-846-9000.

Completion of this webinar qualifies for one credit, identified under Category I of the Recertification Schedule for SBE Certifications. More information about the webinar is [available at the SBE website](#).

FCC To Meet Broadcasters in Milwaukee On April 21st, the FCC announced (http://transition.fcc.gov/Daily_Releases/Daily_Business/2015/db0421/DA-15-484A1.pdf) that they would hold sessions with TV broadcasters in eight cities including two in the Midwest regarding the upcoming Incentive Auction. They will hold a session on June 8th in Chicago and on the next day, June 9th, they will hold a session in Milwaukee. The sessions are to provide TV broadcasters information on the auction process and the UHF band repacking. These sessions are in part a follow up to the Greenhill Report (http://wireless.fcc.gov/incentiveauctions/learn-program/Incentive_Auction_Opportunities_Book_Information_Sessions_2_13_15.pdf) that was released in February. The FCC will be conducting both a general session for all those in attendance and one-on-one sessions with individual broadcasters. Because of the nature of the information and the need for confidentiality for those who may wish to participate in the auction, attendance will be limited to TV broadcasters and their representatives. (*Tom Smith SBE24*)

Nominations Committee Announces SBE Officer, Director Candidates

Each year the SBE membership elects members to serve on the national Board of Directors; the governing body of the society. This includes all four officers for one-year terms, and half of the 12 directors for two-year terms. The Nominations Committee, chaired by board member Ted Hand, CPBE, 8-VSB, AMD, DRB, of Chapter 45 in Charlotte, NC, has announced the slate of candidates. They include:

Officers

President: Jerry Massey, CPBE, 8-VSB, AMD, DRB, CBNT - Chapter 86, Greenville, SC

Vice President: James Leifer, CPBE - Chapter 53, South Florida

Secretary: Ted Hand, CPBE, 8-VSB, AMD, DRB - Chapter 45, Charlotte, NC

Treasurer: Andrea Cummis, CBT, CTO - Chapter 15, New York, NY

Directors

Mark Fehlig, PE, CPBE, 8-VSB, CBNT - Chapter 5, Atlanta

Kirk Harnack, CBRE, CBNE - Chapter 103, Nashville, TN

Mike Hendrickson, CPBE, CBNT - Chapter 17, Minnesota

Ched Keiler, CPBE, 8-VSB, CBNE - Chapter 53, South Florida

Jeff Keith, CPBE - Chapter 93, Raleigh

Kevin Plumb, CPBE - Chapter 14, Connecticut

RJ Russell, CPBE - Chapter 32, Tucson, AZ

Dennis Wallace, CBTE - Chapter 37, Washington, DC



Additional candidates may be nominated by the membership. Any eligible member proposed by at least ten members to the national secretary by July 6, 2015, will be added to the ballot. The election will take place July 17 through August 20. Balloting will be via the election website, except for those members who have opted out of electronic voting this year or who have not provided the SBE national office with their email address. Those members will receive paper ballots by mail.

Also serving on the Nominations Committee are Ray Benedict, CPBE, Chapter 37, Washington, DC; Ben Brinitzer, CPBE, AMD, Chapter 45, Charlotte, NC; and Mike Tosch, CSRE, CSTE, AMD, CBNE, Chapter 47, Los Angeles, CA.

For more information about candidacy, contact Ted Hand at thand@sbe.org or Executive Director John Poray at jporay@sbe.org or 317-846-9000.

Membership Renewal Reminder

The April 1 deadline has passed but members who haven't yet renewed may still do so. Renewing now will keep your membership tenure intact and you'll avoid interruption of membership services and benefits. It's easy to [renew online](#), or you can use the paper renewal form mailed to members in February. Questions can be directed to Scott Jones at the SBE national office at kjones@sbe.org or 317-846-9000 M-F between 8:30 a.m. and 4:30 p.m. ET.

SBE Files in Support of NAB Comments to Delay "Aural Crawl" Deadline

The SBE submitted comments to the FCC on April 9 in response to the Public Notice in MB Docket No. 12-107 and MB Docket No. 11-43. The Public Notice responds to a petition filed by the National Association of Broadcasters that requested a temporary partial exemption and limited waiver of Section 79.2(b)(2)(ii) of the Commission's rules, requiring television broadcasters to provide an aural representation of visual emergency information on a secondary audio stream. Comments submitted by the SBE were in support of the NAB comments.

The purpose of the rule is to ensure that emergency information provided visually during non-newscast programming is made accessible to individuals who are blind or visually impaired through the use of a secondary audio stream. The rule sets a compliance deadline by all broadcasters of May 26, 2015. The NAB requested a six-month partial exemption, to Nov. 26, 2015, or limited waiver of the requirement because the hardware and software necessary for broadcasters to aurally transcribe emergency information crawls has not yet been released and delivered by the vendors in many cases, and additional time is needed for testing, ordering, shipment and installation of the solution developed by the vendors.

The NAB also asked that the FCC waive the requirement that visual but non-textual emergency information be included in the aural representation of emergency information on the secondary audio stream until technological solutions are available. At the present time, radar maps and similar moving graphics do not contain text files that can be converted to speech so the ability to comply with the requirement does not exist now. Third, the NAB requested a temporary waiver of the requirement that broadcasters aurally convey school closing information on the secondary audio stream while alternatives can be considered.

CHAPTER 80 ELECTED AND APPOINTED OFFICERS

Chairman	Steve Konopka	WPNE TV/FM	920-336-3541	skonopka@ecb.orgn
Vice Chairman	Tim Laes	WGEE WIXX WNCY WROE	920-435-3771	tlaes@new.rr.com
Treasurer	Steve Brown	WHBY WAPL WKSZ WZOR	920-733-6639	sbrown@wcinet.com
Secretary	Keith Kintner	UWO	920-424-7357	kintner@uwosh.edu
Program Chairman	John Pfankuch	Heartland Video Systems	920-893-0204	jpgankuch@hvs-inc.com
Program Chairman	Bill Hubbard	UW Green Bay	920-465-2510	hubbardw@uwgb.edu
Membership Chairman	Mark Friedman	WPNE TV/FM	920-336-3541	mfriedman@ecb.org
Sustaining Membership	Stu Muck	Muck Broadcast services	920-960-0045	<u>MBSFDL@yahoo.com</u>
Frequency Coord. < 1 GHz	Tim Laes	WGEE WIXX WNCY WROE	920-435-3771	tlaes@new.rr.com
Frequency Coord. > 1 GHz	Joe Kamenick	KAMENTECH, LLC	715-359-7088	jckamenick@peoplepc.com
Newsletter Editor	Bill Tessman	Heartland Video Systems	920-893-4204	btessman@hvs-inc.com
Newsletter Editor	Dave Driessen	WGBA WACY	920-494-2626	ddriessen@nbc26.com
Certification Chairman	Jim Sams	Retired	920-822-5951	jsams@netnet.net
Chapter 80 Webmaster	Mike Steele	WHBY	920-831-5605	msteele@wcinet.com
EAS Coordinator	Steve Konopka	WPNE TV/FM	920-336-3541	skonopka@ecb.org
Board of Dirs/SBE Liaison	Keith Kintner	UWO	920-424-7357	<u>kintner@uwosh.edu</u>

Last Month for SBE Membership Drive

May 31 will mark the end of this year's SBE membership recruitment drive. Help non-member media technical professionals you know get the advantage of membership by recruiting them during the drive. Prospects can join using the on-line member application or download and mail the application and mail, fax or email it to the SBE national office.



Members who are listed on the application as the recruit's sponsor will be eligible to win prizes donated by SBE Sustaining Members and the SBE, including a trip to this year's SBE National Meeting and Wisconsin Broadcasters Clinic in Madison, WI, Oct. 13-14. All members who recruit a member will receive \$5 off their 2016 SBE membership renewal (maximum of \$25 discount).

New members are welcome throughout the year. Here's the link to the member application: [SBE Membership application](#)

Grand Prize

A trip to the SBE National Meeting held in conjunction with the annual Wisconsin Broadcasters Clinic in Madison, WI, October 13 - 15, 2015. Prize package includes round trip airfare for one from within the continental US to the meeting; all SBE National Meeting and Broadcaster's Clinic events; and two nights at the host hotel, the Madison Marriott West in Middleton, WI.

Additional Prizes donated by Sustaining Members and our bookstore publishers:

Tascam DR-05 courtesy of BSW (2)

Comrex BRIC-Link II courtesy of Comrex (1)

Logo shirts courtesy of Dielectric (2)

Four Maine lobsters courtesy of Dielectric (1)

Logo shirts courtesy of DVEO (2)

T-shirts courtesy of Heartland Video (2)

Long-sleeve logo shirts courtesy of Heartland Video (3)

Ceramic mugs courtesy of Heartland Video (4)

Pint glasses courtesy of Heartland Video (4)

USB 2GB thumb drives courtesy of Heartland Video (7)

Cell phone standers courtesy of Heartland Video (3)

SBE logo merchandise courtesy of the SBE

Logo shirt courtesy of Tieline (1)

Tieline barbecue set courtesy of Tieline (1)

FM-55 digital audio signal processor courtesy of Wheatstone (1)

Golden Recruiter award

This award recognizes a chapter in each size division with the highest percentage of current SBE members participating in the Member Drive.

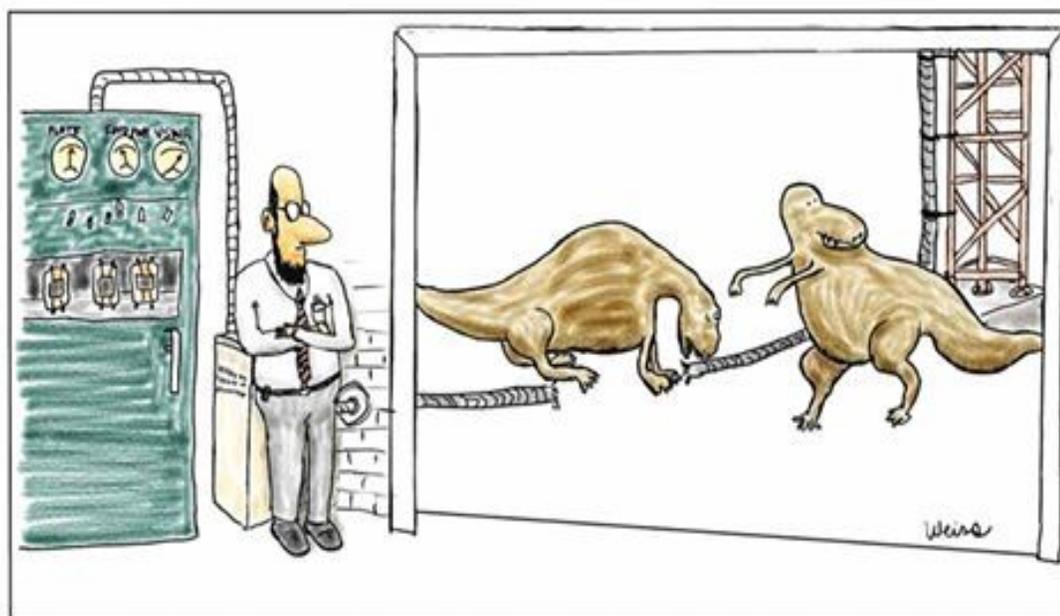
Category A and B are based on chapter enrollment, Class A represents chapters whose membership is less than the national median. Class B includes chapters with a membership greater than the national median. Plaques will be awarded during the SBE National Awards Dinner, on October 14, in Middleton, WI.

Membership Drive FAQs

Where do I find new members? Prospective members can be non-members attending chapter meetings, fellow engineers at work or other stations, suppliers or educators.

How do I get credit for new members? Direct prospective members to the SBE website to [join online](#) or provide them with a copy of the [membership application](#) and ask him/her to fill in your name on the line "Sponsor's Name/Who introduced you to SBE". Once the new member's membership application has been approved, your name will be placed in the prize drawing, which takes place in June 2015.

Official Rules: Only members of the SBE in good standing (national dues paid) are eligible. All applications are subject to approval by the admissions committee per the SBE By-laws. Only sponsorships of new applications for Member, Associate Member and Sustaining Members are eligible for the prize drawings. Each approved application will earn \$5 off the recruiter's 2016 membership dues, up to \$25. Each new member application may have only one sponsor. Applications must be received at the SBE National Office between March 1 and May 31, 2015 to be eligible. Drawing for all prizes will be completed by June 7, 2015. Winners will be notified by mail. Grand prize winner may choose \$500 cash in lieu of the trip package. There are no other prize substitutions. Winners are responsible for any taxes on prizes. Employees of the SBE and their family members are not eligible to win. Contest void where prohibited. Entrants agree that their name and likeness may be used by the Society of Broadcast Engineers, Inc. for promotional purposes.



Challenges facing broadcasters in the Jurassic period.

WPR's 2015 EAS Schedule

DAY DATE TIME COMMENT.....

W 1 Apr 2350 Routine Monthly Test initiated by ECB
R 9 Apr 1259
M 13 Apr 1459
T 21 Apr 1259
M 27 Apr 1059

W 6 May 0850 Routine Monthly Test initiated by NOAA
R 14 May 1059
M 18 May 1259
T 26 May 1459

W 3 Jun 2350 Routine Monthly Test initiated by WEM
R 11 Jun 1459
M 15 Jun 1259
T 23 Jun 1059

Accepting applications now:

Broadcast Engineer, Automation Specialist
Location: Madison, WI

Wisconsin Public Radio is seeking a broadcast engineer "automation specialist" to manage our computer-based broadcast and production systems. This person will provide a full range of technical services in support of WPR activities. S/He will install, support, service, maintain, repair, and build broadcast equipment with special emphasis on computer-based broadcast automation systems.

For this position, candidates must have a bachelor's degree or equivalent, 5 years' experience in a computerized broadcast environment, a track record of success and growth in operation and administration of radio automation, and proven ability to properly install and use broadcast, recording and test equipment. Candidates with experience in public radio, familiar with the AudioVault system, or SBE certification are favored.

Details and application instructions can be found at:

<http://www.wpr.org/broadcast-engineer-automation-specialist>

Questions about this job may be directed to Steve Johnston at 262-5584,
steve.johnston@wpr.org



engineering day

June 17, 2015

Kalahari Resort, Wisconsin Dells

8:40 AM - 4:30 PM: WBA Engineering Day Sessions Location: Banyan

8:45 AM Session: AM Directional Rebuild, a Case Study

KSJB in North Dakota built a new AM array on the same site as the old array while not losing any airtime. This session will show us how that was accomplished.

Speaker: Richard wood, Resonant Results

9:30 AM Session: Broadcast and LTE Coexistence

It's happening to Radio and Television alike. When the FCC tells you that your signal is interfering with a nearby cell phone broadband installation, what happens next? This session will take us through one case step by step.

Speakers: Bill Hamilton, WBUW-TV and Tom Smith

10:15 AM: Break

10:30 AM Session: Spectrum Challenges of Wireless Mics

The answer to what happens with spectrum we all use for our wireless mics and appliances is a moving target. This session will bring us up to date and look at new developments in technology to help us through the spectrum future.

Speaker: Sennheiser

11:15 AM Session: Design and Troubleshooting an AoIP Network

The world, and your studio, is moving to all Audio Over IP. This session will discuss the grass roots issues with this conversion and include tools to making it work as efficiently as it can and should.

Speakers: Greg Dahl, Second Opinion Communications and Jason Mielke, WCLO/WJVL

12:00 PM: Lunch Location: Bamboo Room

1:30 PM Session: Modern Surge Suppression Technology

How much power protection is enough? How much is too much? There's new technology in surge suppression that will be explored in this session.

Speaker: Eric Marshall, Emmerson Network Power

2:15 PM Session: Ask a Manager (Panel Discussion)

Did you ever wonder what goes on in your company's executive office and the affect that has on engineering resources? Do you have questions about how finances and budgeting are accomplished and how that affects what the company purchases? Back by popular demand, this session will have a panel of Broadcast Management who will field questions from the audience.

Panelist: Greg Bell, Woodward communications; Tom Koser, Koser Radio Group; Tom Langmyer, E.W. Scripps Company and Don Vesely, WMTV-TV

3:15 PM: Break

3:30 PM Roundtable Discussions

This session will split the attendees into smaller groups to discuss at length relevant topics to the broadcast industry. These subjects will be discussed:

Table 1	Table 2	Table 3	Table 4
POTS Demise	Text to SAP	Expanded RDS	Network Security

Following the group discussions a representative of each group will deliver the highlights of and conclusions to each subject.

5:00 PM - 7:30 PM: Exhibit Reception Location: Guava, Tamar, Port., Wist

7:30 PM - 10:00 PM: Dinner Location: d/e Convention Center

Save the date for the 2015 Broadcasters Clinic:
October 13 - 15, 2015

*The WBA and the Wisconsin SBE Chapters are pleased to announce that
the SBE National Meeting will join the 2015 Broadcasters Clinic.*

Tornado Warning Test Successful

Additional Evening Test Under Consideration

On April 16, a test of the Tornado Watch and Warning EAS codes was conducted in Wisconsin.

The test was largely successful, with just a few audio quality issues that are being investigated. The test is originated independently by the five National Weather Service (NWS) offices that serve Wisconsin, and those NWS offices did a good job of issuing the test at the exact same time in all areas leading to a well synchronized test statewide. This test was another fine example of the close cooperation between your WBA and Wisconsin's broadcasters, NWS, and Wisconsin Emergency Management (WEM).

Our 1:45 PM EAS Tornado Warning test is coordinated to run at the same time as Minnesota's, where they also run a second EAS Tornado Warning test at 6:55 PM targeted to involve families at home. WBA, NWS and WEM are considering whether Wisconsin should add a similar second evening test.

Your WBA is looking for your opinion on Wisconsin adding an evening EAS Tornado Warning test in the 6:30-7:00 PM timeframe, most likely coordinating it with Minnesota's 6:55 PM test. As with the afternoon test, your participation in the test would be voluntary. (WBA)

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