



The Society of Broadcast Engineers

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

April 2015

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

Our next SBE Chapter 80 meeting will be Tuesday April 21st at the Out-O-Town Club in Kaukauna at noon. Our program will be our annual NAB review

Upcoming meetings:

May 12 – CCCP Technology Expo. Those who wish to attend need to register in advance (NOT an SBE function)

May 19th – Regular chapter meeting with Vitec as the presenter – in plant a/v distribution of the network

June 17 – WBA Summer Engineering Conference at the Kalahari Wisconsin Dells

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

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](mailto:Megan.Clappe@sbe80.org).

Click [HERE](#) for the certification applications. If you have any questions contact the Certification Director, [Megan Clappe](mailto:Megan.Clappe@sbe80.org).

SBE Survey: PSTN/ISDN State-of-the-Industry Project. As technology advances, legacy systems become obsolete. Many broadcasters still rely on various telephony technologies, and in some areas it's becoming increasingly difficult to order some legacy services from a local telephone provider.

The Society of Broadcast Engineers, working with Comrex as a research partner, has prepared a survey to determine the current state of various telephony services. The data from this survey will be shared with SBE members and codec manufacturers. The goal is to create a snapshot of the current state of technology so manufacturers can better provide the necessary tools to broadcasters.

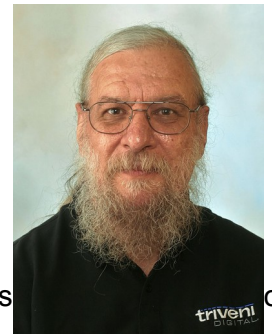
The nine-question survey should only take a few minutes to complete. Thank you for your help.

[Take the survey now.](#)

ATSC 3.0 SBE Webinar Available as Archive

Richard Chernock

On February 19, the SBE conducted a webinar on ATSC 3.0, the suite of new standards and practices for the next generation of broadcast television. This webinar was recorded and is now [available at the SBE website](#). ATSC 3.0 is a system that will provide more services to viewers, but also requires a clean break from the technologies earlier-generation DTV systems. The system requirements include a call for a flexible and more efficient physical layer, mobility, Ultra-High Definition (UHD) images, new solutions for audio, incorporation of new user technologies such as second screen, and incorporation of broadband connectivity. The webinar presents an overview of the status of the ATSC 3.0 activity from a technical point of view as well as the anticipated time schedule.



Leading the webinar is Dr. Richard Chernock, chief science officer at Triveni Digital. Chernock is chairman of the ATSC Technology Group on ATSC 3.0 (TG3) and chairs the AHG on service delivery and synchronization for ATSC 3.0. He was previously chairman of the ATSC Technology and Standards Group (TG1).

May 6 is SBE RF Safety Webinar

The popular [SBE RF Safety webinar](#) will be presented on Wednesday, May 6 from 1 - 4:30 p.m.



ET. The course has been updated and provides an overview of RF radiation issues and practices for broadcasters.

The course is designed for chief and assistant chief engineers, transmitter site engineers, ENG and SNG maintenance personnel and management that need to have an understanding of RF safety issues and regulations. Instructing the course is noted RF safety expert, Richard Strickland of RF Safety Solutions.

Richard Strickland

The completion of this webinar from Webinars by SBE qualifies for one credit, identified under Category I of the Recertification Schedule for SBE Certifications. Fee for SBE Members is \$95. Fee for non-members is \$150. [Register online](#) at the SBE website. Direct questions to [Kristin Owens](#) at 317-846-9000.

SBE National Awards Recognize Individual and Chapter Achievement

The SBE recognizes outstanding achievements by its members and chapters each year with the SBE National Awards. Presented during the SBE National Meeting each fall, the awards demonstrate publically the importance that engineers play in today's multi-faceted broadcast industry. Do you know of someone deserving of recognition? Has your chapter done an outstanding job? Nominate them today using the convenient [Nomination Forms](#) available on the SBE website.

Individual Member Awards

Robert W. Flanders SBE Engineer of the Year
 James C. Wulliman SBE Educator of the Year
 SBE Technology Award
 Best Technical Article, Book or Program by an SBE Member
 Best Article, Paper or Program by a Student Member
 John H. Battison SBE Lifetime Achievement Award *

Chapter-nominated Awards

SBE Chapter Engineer of the Year **
 Best Regional Convention or Conference
 Best Chapter Newsletter
 Best Chapter Website
 Best Social Media Site
 Best Chapter Frequency Coordination Effort
 Most Interactive Chapter

* Presented during the spring SBE Membership Meeting

** Winners from each chapter are entered into the national Engineer of the Year award



Jim Dalke, CPBE, 8-VSB, AMD, CBNT (right), accepts the 2014 Robert W. Flanders SBE Engineer of the Year award.

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	jpfankuch@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	MBSFDL@yahoo.com
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	kintner@uwosh.edu

Get the Advantage: Join the SBE

Membership Drive

Help your colleagues get the advantage: have them join the SBE today.

The SBE wants your help in recruiting new members, and you can win rewards for your efforts. Sponsor a new Member, Associate Member or Sustaining Member between March 1 and May 31, 2015, and you will be eligible for the prize drawings. For each approved new member application you sponsor you will earn \$5 off your 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.

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.

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

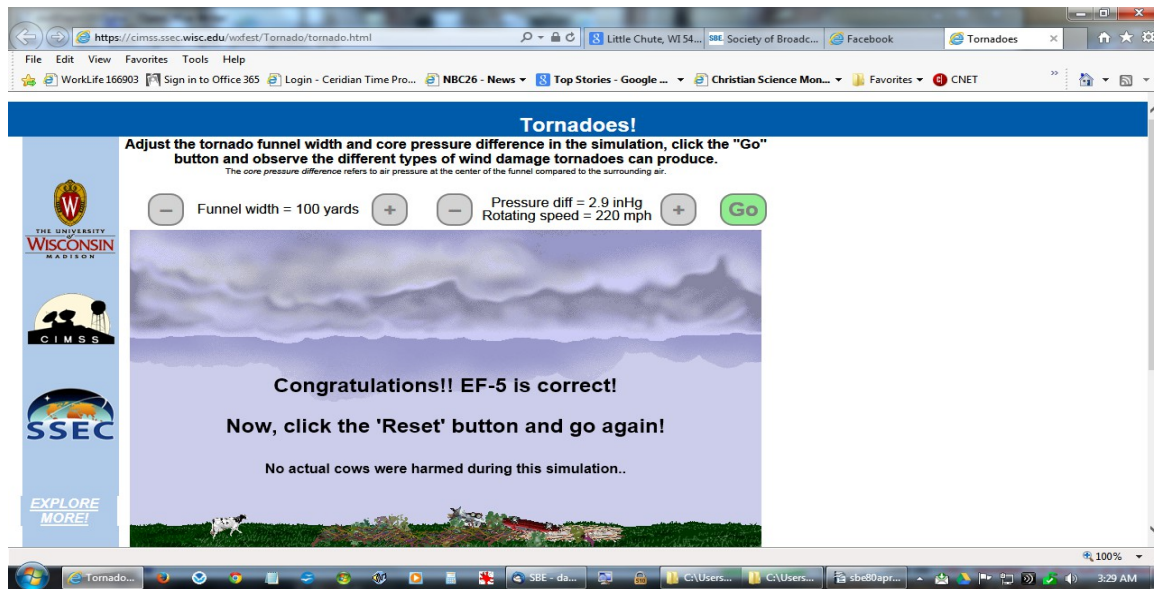
W 6 May 0850 Routine Monthly Test initiated by NOAA
R 14 May 1059
M 18 May 1259
T 26 May 1459

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

Web site of the month: Tornado simulator. Simulate the damage from various strengths of tornadoes.

<https://cimss.ssec.wisc.edu/wxfest/Tornado/tornado.html>

'No cows were harmed during this simulation'



Radio engineering position available:

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.

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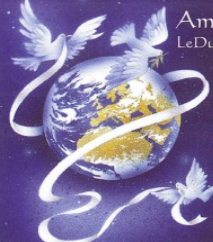
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