



The Society of Broadcast Engineers

Fox Valley Wisconsin SBE Chapter 80

PO Box 1519 Appleton, WI 54912-1519

November 2018

Like us on FaceBook -[facebook.com/sbe80](https://www.facebook.com/sbe80)

Our website sbe80.org

Twitter: @sbechapter80Chairman's Corner and Chapter 80 Election notice

Our next meeting will be on Tuesday November 20th at noon at the Out O Town Club in Kaukauna.

Dear Chapter 80 members and friends:

I am going to devote most of the Chairman's Corner this month to talk about the Chapter Elections. We try to do those toward the end of each year for the terms running for the following year. So we will have voice vote elections during this upcoming NOVEMBER meeting. Please attend if you want your voice to be heard. If you cannot attend and have a desire to vote in some other way, please contact me and we will make other arrangements for you.

This is an "even year" election. It has been our custom in Chapter 80 to run the same slate of candidates two years in a row. Most candidates are willing to serve two one year terms in a row, and the SBE by laws do allow this. The Chairman and Vice Chairman are term limited to two one year terms in a row to encourage others to seek office and serve the Chapter in this way.

So the slate of officers running in 2019 is:

- For Chairman: Steve Brown or write in _____
- For Vice Chairman: Bill Moede or write in _____
- For Secretary: Bill Hubbard or write in _____
- For Treasurer: Mark Hoenecke or write in _____

Please consider volunteering for an appointed position or running next year for an officer position in the Chapter. It is not too much work and actually is a lot of fun. It is a great way to meet people and network with other broadcast engineering professionals. Serving an elected or committee position also qualifies the member for credits toward recertification

Remember to consider purchasing Shell or Kwik Trip gas cards either for gifts or for your own use. Just let us know what you would like and we can get it for you. Kwik Trip will have some Christmas themed cards if you have an interest in those. E mail me at sbrown@wcinet.com or ask me at any Chapter meeting.

Steve Brown
Chairman, Chapter 80

CHAPTER 80 ELECTED AND APPOINTED OFFICERS

Chairman	Steve Brown	WHBY WAPL WKSZ WZOR	920-733-6639	sbrown@wcinet.com
Vice Chairman	Bill Moede	Cumulus	920-230-0809	Bill.Moede@cumulus.com
Imm Past Chair	Mark Hoenecke	WPT	715-845-1319	Mark.Hoenecke@ecb.org
Secretary	Bill Hubbard	UW Green Bay	920-465-2510	bhubbardgb@gmail.com
Treasurer	Mark Hoenecke	WPT	715-845-1319	Mark.Hoenecke@ecb.org
Program Chairman	John Pfankuch	Heartland Video Systems	920-893-4204	jpgankuch@hvs-inc.com
Membership Chairman	Mark Friedman	Retired	920-336-3541	m48dat@yahoo.com
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	Bill Hubbard	UW Green Bay	920-465-2510	hubbardw@uwgb.edu
Newsletter Editor	Dave Driessen	WGBA WACY	920-490-2688	dave.dr99@gmail.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	Broadcast Field Services	(920) 788-7435	flashgun99@yahoo.com
Board of Dirs/SBE Liaison	Mike Hendrickson			mhendrickson@sbe.org

Look ahead at upcoming opportunities to take a [certification exam](#) in your area with the local chapter.

If you would like to take an exam but are not able to make it during these sessions, please contact Megan Clappe to ask about special proctoring.

Certification Exams The deadline to apply to take the SBE certification exam at your local chapter in June is April 21. Register today at sbe.org/certification.

Below is the upcoming certification exam schedule

Exam Dates	Location	Application Deadline (to SBE National Office)
February 1-11, 2019	Local Chapters	December 31, 2018
April 9, 2019	NAB Show (Las Vegas)	March 1, 2019
Jun 7-17, 2019	Local Chapters	April 19, 2019
August 2-12, 2019	Local Chapters	June 3, 2019
November 1-11, 2019	Local Chapters	September 24, 2019

When you are ready to take an SBE exam, please fill out the appropriate application and send it into the SBE National office (see address below). You will be notified once your application has been approved. Approximately 3 weeks before the exam time, your local certification chairman will receive a list of applicants in his/her area. He/she will then contact those applicants to schedule a date, time and place for the exams. The exams will be mailed back to the National office for grading. The pass/fail grades will then be mailed directly to the applicants.

You may mail, email or fax your applications to:

Megan E. Clappe, Certification Director
 9102 N. Meridian St. Suite 150
 Indianapolis, IN 46260
 317-846-9120 Fax

mclappe@sbe.org

FCC ELIMINATES PAPER FILING At its October 23 meeting the Commission ended the requirement that radio and TV stations have to file paper copies of their contracts with the FCC. Some of those contracts include network agreements, local marketing agreements, joint sales agreements and time brokerage agreements. Stations will still have to post them on their FCC online public file and can redact confidential information. Stations would have to be able to produce paper copies of the documents if requested by the FCC. The notice can be found here: (DOC-354373A1.pdf). *[Tom Smith SBE24]*

Wisconsin Broadcasters and Cable Operators,

Just a short note to let you know that Audio and Slides of many of the sessions from the recent Broadcasters Clinic are now available online. See:

<http://www.sbe24.org/WBA-SBE-Shows/Archives/Clinic2018/18dex.asp>

If you weren't able to attend my short 35-minute session on EAS, I encourage you to review my Slides and Audio:

Slides: <http://www.sbe24.org/WBA-SBE-Shows/Archives/Clinic2018/Timm-2018.pdf>

Audio: <http://www.sbe24.org/WBA-SBE-Shows/Archives/Clinic2018/Timm-2018.mp3>

Here is a complete list of the sessions now online (not all sessions presented are available):

- **Analyzing Capacity Requirements for Transporting Audio Over IP STLs**
- **Reducing FM Combining Costs Using Efficient Configurations**
- **Preventing the Next Tower Disaster**
- **Prepping for a Liquid Cooled Transmitter**
- **Radio Technology Update** from David Layer, NAB
- **Personal Safety in Today's Broadcasting Environment Panel Discussion**
- **EAS Update: Equipment, Relationships, and Alexa** with Gary Timm, Broadcast Chair, WI EAS Committee
- **AWARN (ATSC 3.0)**
- **Cleveland ASTC 3.0 test**
- **Repack Field Installations: What We Learned from the First Installations**
- **Everything Fred Baumgartner Knows About ATSC 3.0 and the Dallas Project**

Gary Timm, Broadcast Chair
Wisconsin EAS Committee

Registration for the 2019 SBE Mentor Program is Now Open!

Have you been in the field of broadcast engineering for five years or less, or have a new assignment or responsibility in your position? Could you use some help from a seasoned professional? You can take part in the SBE Mentor program and connect with someone who has years in the industry and is willing to share their knowledge with you. Use the [SBE Mentee registration form](#) to sign up. Register by the end of December to ensure you take advantage of the entire year's program.

The SBE needs more seasoned pros to serve as mentors. Sign up by completing the [Mentor Application](#). We are also looking for those willing to share their expertise as a presenter for one of the quarterly Mentor webinars. Contact Education Director Cathy Orosz at 317-846-9000 or corosz@sbe.org to learn more about how you can get involved in this program.

[More >](#)

Nationwide WEA/EAS Test forms

If you had difficulties in accessing the FCC's ETRS to file your Form 2 in time, the FCC will keep this form open for filing through November 19 (which is the deadline date to also have Form 3 filed). So if you've had difficulties filing Form 2 or Form 3, the FCC requests that you try again to file these forms before November 19.

ANOTHER AM IMPROVEMENT PLAN On October 5th, the FCC adopted a Further Notice of Rulemaking (FCC-18-139A1.pdf) in an effort to promote improvement of the AM radio band. The FCC is proposing a reduction in the protected day and night contours for class A AM stations (clear channel). The FCC is proposing that the protected daytime contour for class A stations be changed from the 0.1 millivolt groundwave contour to the 0.5 millivolt groundwave contour. The argument is the with all the electrical noise today, it is impossible to hear a usable signal at 0.1 millivolt.

There are two other proposals concern critical hours and nighttime protections to class A station. There are two alternatives proposed for critical hour protections. Critical hours are the two hours before sunrise and the two hours after sunset. The first alternative for critical hours is that Class A stations receive no protection during those hours and the second alternative is class A stations receive protection to their 0.5 millivolt groundwave contour. For nighttime hours, the first alternative is the a class A stations 0.5 millivolt groundwave contour be protected from overlap from any station's .025 millivolt 10% skywave contour. The second alternative is that Class A stations would receive the same protection as class B stations(full-time regional stations) and may not increase above the current 0.5 millivolt contour of either station.

In the notice, the FCC noted that the clear channel class A stations have objected to earlier proposals to reduce protections to their signals. This has been an ongoing conflict since the early days of radio as the clear channel stations have attempted to protect their vast coverage areas. There are also concerns in how any reduction of protection to clear channel stations will affect the delivery of national EAS information as most of those stations are a primary relay of the Presidential messages. There will be a 60 day comment period with 30 days for replies. *[Tom Smith SBE24]*

Job Opening

Educational Communications Board

Media Supervisor Adv. – Southern Field Regional Manager

Job Announcement Code(s): 18-03221

County(ies): Brown, Dane, Milwaukee
Classification Title: / JAC: MEDIA SUPERVISOR-ADV 18-03221
Job Working Title: Media Supervisor Adv. – Southern Field Regional Manager
Type of Employment: Full Time (40 hrs/week)
Salary: Pay will be set in accordance with the Compensation Plan in effect at the time of appointment. The starting hourly rate for the Media Supervisor Adv. position will be \$23.38 - \$38.59 per hour, plus excellent benefits. This classification is assigned to pay schedule/range 81-03. A 12-month probationary period will be required. Anticipated start date is January 2019.
Contact: Brock Flowers, HR Specialist, 608-267-1005, brock.flowers@wisconsin.gov
Bargaining Unit: Non-Represented
Area of Competition: Open
Deadline to Apply: 11/25/2018
Assessment Information: 81280 - 006 Media Supervisor Advanced
[Preview Assessment](#)

Help broadcast content to our viewers and members around the State of Wisconsin! Provide direction to staff to ensure high power radio frequency equipment and systems are in working condition. If you're a leader with broadcasting experience, we'd love to hear from you!

http://wisc.jobs/public/job_view.asp?annoid=96821&jobid=96335&org=225&class=81280&index=true

ATSC 3.0 Webinar Series Module 3: Understanding & Implementing the ATSC 3.0 Transport and Physical Layers

The next in a series of SBE webinars on ATSC 3.0 will be presented on Nov. 29 at 2 p.m. EST by S. Merrill Weiss, CPBE, president of the Merrill Weiss Group. [Module 3 of the SBE ATSC 3.0 webinar series covers](#) the practical implementation aspects of the ATSC 3.0 system at the Transport and Physical Layers, including their interconnection and inter-layer communications. It is based largely on ATSC standard A/324 and several of its coming extensions.

The webinar will examine notional organization of equipment in the system and the protocols that connect the various system elements. It also will look at the wider system context in which the Transport and Physical Layer components are installed and by which they are controlled. Equipment to be covered in detail are broadcast gateways and excitors, and the studio-to-transmitter links that interconnect them.

Protocols to be covered include the Data Source Transport Protocol (DSTP), the ATSC 3.0 Link Layer Transport Protocol (ALPTP), the Studio-to-Transmitter Link Transport Protocol (STLTP), error correction coding, security elements, and several other aspects of the systems that deliver ATSC 3.0 data to transmitters and control their emissions. Also covered will be implementation of single-frequency networks (SFNs), channel bonding, and other modes of operation of the ATSC 3.0 Physical Layer.

Weiss is an internationally known consultant in electronic media technology and technology management. His 51-year career includes involvement in the development of television technology and industry standards for more than four decades. Over the past five years, he has been heavily involved in the development of ATSC 3.0, chairing a number of activities, including drafting of the A/324 Scheduler/STL/SFN document. He is a 50-year member of SBE.

[Register at the SBE website](#), Education page. SBE MemberPlus members can register for this webinar for FREE.



More >

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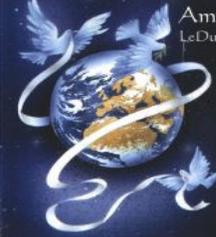



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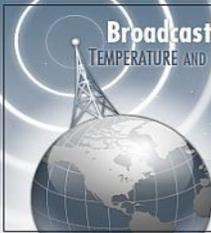
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