



The Society of Broadcast Engineers

Fox Valley Wisconsin SBE Chapter 80

PO Box 1519 Appleton, WI 54912-1519

December 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

We will not have an official meeting in December. Our next meeting will be January 15th 2019

Chairman's Corner and Chapter 80 Election results

Dear Chapter 80 members and friends:

In November we had 12 members and guests at our monthly meeting. Even though we did not have a "formal" presentation or program, all were entertained and engaged by a number of discussion topics including our "even year" Chapter 80 elections. We did elections on a voice vote and the results were as expected our current officers will serve a second one year term in 2019. A few of the appointed positions may be changing so watch this newsletter for changes. Consider volunteering for one of the appointed positions – it is a great way to earn SBE recertification points as well as meet and network with other broadcast engineering professionals in our area.

These will be our officers for 2019:

Chairman: Steve Brown Vice Chairman: Bill Moede

Secretary: Bill Hubbard Treasurer: Mark Hoenecke

We can all start thinking about the 2020 elections – nominations will be considered in September 2019 with the actual elections in November once again. 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. Really!

Also- the group decided NOT to have an SBE meeting in December – though a few Chapter 80 members will still meet at the Out Of Town Club at noon Tuesday December 18th for an informal luncheon. All are welcome if your schedule permits.

The Christmas party will be held Tuesday evening January 15th at the Out of Town Club. Cocktails at 6 pm, dinner at 6:30 pm followed by a presentation by John Maino, a well known area sports broadcaster. John has written a book "ETO: European Theater of Operations", among others. It is sure to be a fun and interesting evening.

Steve Konopka then led an interesting discussion on an fluorescent to LED retrofit project he did which was very interesting.

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. We have some Christmas themed Kwik Trip cards if you have an interest in those. E mail me at sbrown@wcinet.com or ask at any Chapter meeting.

Steve Brown

Chairman, Chapter 80

Upcoming events

January 15th Christmas party on Tuesday January 15th 6:00 pm at the Out o Town Club

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	jpfankuch@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	Steve Brown	WHBY WAPL WKSZ WZOR	920-733-6639	sbrown@wcinet.com

Choose SBE for Your Continuing Education Needs!

The SBE Education Calendar is taking shape! Keep apprised of what the SBE is offering by visiting www.sbe.org often!

Look forward to the SBE RF 201 Series that will continue in 2019. Please take advantage of Modules 1-4 that are now available ON DEMAND.

RF 201 Module 1 - FM Transmitter Systems, Module 2. - FM Transmitter Systems and Module 3 - AM Directional and Module 4 - Transmitter Site Grounding are archived and now available at www.sbe.org

The RF Safety 2019 course has been set for Thursday, May 2 Stephen Lockwood, senior engineer and partner with Hatfield & Dawson Consulting Engineers will be presenting. This course provides an updated overview of RF radiation issues and practices for broadcasters, including: proving compliance at a broadcast site; biological effects of RF radiation and the distinct differences between RF radiation and ionizing radiation; FCC and OSHA regulations - what they are and what you need to do to comply; workplace hazards; transmitter sites; SNG and ENG trucks; remote operations (where news personnel can find problems such as on rooftops); the unique issues at AM stations, RF hazard protection equipment - you may not need it but your contractors probably will; and signs - what they mean and what you need. [Click here to register.](#)

Look for future announcements on other RF 201 Topics that will be presented in the coming year. Please also look forward to announcements on the series, "Networking for ATSC 3.0" to be presented by Wayne Pecena. For more information, contact Education Director Cathy Orosz at 317-846-9000 or at corosz@sbe.org.

Electric Cars vs AM radio

"It's not news that the car is an electrically hostile environment. Given all the switching power converters ranging from a few hundred mA to many tens of amps, and the various motors and their drivers in the vehicle, plus other noise sources, getting acceptable broadcast AM radio reception (approximately 550 to 1600 kHz) is a serious challenge"

https://www.planetanalog.com/author.asp?section_id=396&doc_id=565017&

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



Start Planning for Re-certification Now

The SBE National Certification Committee has produced a [brochure](#) that you can use to help keep track of the activities you have completed during the 5 years of your SBE certification.

There is also an [excel spreadsheet](#) that you may use if you prefer to keep track on your computer.

Access the brochure or excel spreadsheet here.

If your certification expires **January 1, 2019**, please fill out the re-certification application and send it in to maintain your SBE certification.

Upgrade your SBE Certification

If you currently hold a Certified Senior Radio Engineer (CSRE) or a Certified Senior Television Engineer (CSTE) certification and you have worked in the industry for at least 20 years, you may want to consider upgrading to the [Certified Professional Broadcast Engineer \(CPBE\)](#). There is no exam involved. You can find more information about the CPBE and applications [here](#).

CLINIC SECURITY SESSION SUMMERY AVAILABLE One of the Wednesday morning sessions at this fall's Broadcasters Clinic was on station security. The session was a panel discussion moderated by Juli Buehler, WLUK-TV News Director and panelists Dan Shelley, RTNDA Executive Director, Tom Allen, Quincy Media, Regional Vice President, Dave Devereaux-Weber, WORT-FM Board President, David Oxenford, Wilkinson Barker Knauer, LLP and Mike Koval, Madison Police Chief. The panel discussed station and personal security and presented examples of past security issues at stations with a vandalism incident at WLUK-TV and the shooting at WORT-FM. There is video of these incidents and the audio for the session on the SBE 24 website under the Broadcasters Clinic link. Now David Oxenford has posted a nice summary of the session on his blog site Broadcast Law Blog. The article can be found by scrolling down the webpage till the article appears. David Oxenford is the Washington attorney for the Wisconsin Broadcasters Association which organizes the Broadcasters Clinic.

<https://www.wbanewsroom.org/discussion-threats-broadcasters/>

Whether you attended the Clinic or not, the article is a good reminder of the importance of having a good security program for your station and your co-workers. [Tom Smith SBE24]

ATSC 3.0/Next Gen TV Series Module 4: MPEG Media Transport Standard and its Use in ATSC 3.0

The ATSC 3.0 Series continues in January with Module 4: MPEG Media Transport Standard and its Use in ATSC 3.0. Jon Fairhurst and Young Lim of Samsung will present this LIVE webinar on **Wednesday, January 30 at 2 p.m. EST.**

After successful development and deployment of media delivery standards such as MPEG-2 Transport Streams and ISO Base Media File Format, MPEG has developed new standards for IP-based services, namely MPEG Media Transport (MMT) and Dynamic Adaptive Streaming over HTTP (DASH). MMT has been developed for the industries enjoying the benefits of MPEG-2 TS but considering migration to IP-based delivery.

Japanese Super Hi-Vision was the first broadcasting service adopting MMT, and then ATSC 3.0 also adopted it. In this webinar, important features of MMT utilizing benefits of IP, while preserving useful features of MPEG-2 TS and how they have been harmonized with ATSC 3.0 standards, will be presented. [Register at the SBE website](#), Education page. The cost is \$59 for SBE traditional members and \$89 for non-members. Registration is FREE for SBE MemberPlus members.

Unable to participate in the LIVE presentations of ATSC 3.0/Next Gen TV Series? [Click here to register](#) for archived versions of Module 1: Introduction to ATSC 3.0 and Module 2: Overview of the Physical Layer.

We are entering into the final month of 2018 and many of you will be having holiday-themed meetings and events. Here are a few items to share with members in December at those events and in your written communications.

1. The fourth module of the SBE ATSC 3.0 webinar series has been set for Wednesday, January 30 at 2 pm EST. MPEG Media Transport (MMT) will be the topic. Register at the SBE website. SBE MemberPlus members register for free.
2. Have you made a career move, promotion, new job, or maybe received an award or been recognized by your employer? Share the news with your fellow SBE members. Send your news to Chriss Scherer, SBE Member Communications Director, and he'll publish it in the Members on the Move feature of The SBE Signal. You can reach Chriss at cscherer@sbe.org.
3. The Board and staff of the SBE wish a Happy Holiday Season to all SBE members and their families! Thank you for leading your chapter this year. We look forward to working with each of you for a productive year ahead.

Best regards,

John L. Poray, CAE Executive Director | Society of Broadcast Engineers

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 >](#)

Support the Companies That Support Chapter 80!

SBE Sustaining Members would like your business! Please consider them first when making purchasing decisions.

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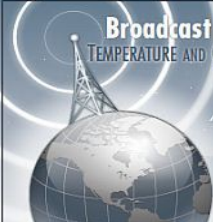
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