



The Society of Broadcast Engineers

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

January 2018

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

Our website sbe80.org

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Our next SBE Chapter 80 meeting will be on Tuesday January 16th at the Out O Town Club at noon. Chapter Elections will be held.

Happy New Year fellow Chapter 80 Members,

Last month on December 18, four members and two spouses enjoyed a relaxing evening at the Out-o-Town Club in Kaukauna. As is the case every year, the Club was well decorated for the season, which added to our holiday spirit.

Please be on the lookout for your membership renewal letters, scheduled for mailing the first week in February. For the first time, members may choose between a traditional membership or the SBE MemberPlus option, which includes access to all SBE Webinars through March 31, 2019 at no additional cost.

For those attending the NAB Show this April, SBE will hold its spring membership meeting and member reception on Tuesday, April 10. The location and time will be announced soon.

It has been a privilege to serve as Chapter 80 Chairman these past two years, and I look forward to continuing attendance at our meetings in the future.

Best Regards,

Mark Hoenecke

CHAPTER 80 ELECTED AND APPOINTED OFFICERS

Chairman	Mark Hoenecke	WPT	715-845-1319	Mark.Hoenecke@ecb.org
Vice Chairman	Stu Muck	Muck Broadcast Services	920-960-0045	mbsfdl@yahoo.com
Past Chairman	Steve Konopka	WPNE TV/FM	920-336-3541	skonopka@ecb.org
Treasurer	Steve Brown	WHBY WAPL WKSZ WZOR	920-733-6639	sbrown@wcinet.com
Secretary	Bill Moede			bmoedereplay@gmail.com
Program Chairman	John Pfankuch	Heartland Video Systems	920-893-0204	jpfankuch@hvs-inc.com
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	Bill Hubbard	UW Green Bay	920-465-2510	hubbardw@uwgb.edu
Newsletter Editor	Dave Driessen	WGBA WACY	920-494-2626	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	WPNE TV/FM	920-336-3541	skonopka@ecb.org
Board of Dirs/SBE Liaison	Mike Hendrickson			mhendrickson@sbe.org

IPAWS Outage - Now Back Up

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 2-12, 2018	Local Chapters	December 31, 2017
April 10, 2018	Exams during the NAB show	March 2, 2018
June 1-11, 2018	Local Chapters	April 20, 2018
August 3-13, 2018	Local Chapters	June 5, 2018
November 2-12, 2018	Local Chapters	September 24, 2018

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

FCC authorizes new TV transmission standard

In this *Report and Order*, we authorize television broadcasters to use the “Next Generation” broadcast television (Next Gen TV) transmission standard, also called “ATSC 3.0” or “3.0,” on a voluntary, market-driven basis. This authorization is subject to broadcasters continuing to deliver current-generation digital television (DTV) service, using the ATSC 1.0 transmission standard, also called “ATSC 1.0” or “1.0,” to their viewers.

ATSC 3.0 is the new TV transmission standard developed by Advanced Television Systems Committee as the world’s first Internet Protocol (IP)-based broadcast transmission platform. It merges the capabilities of over-the-air (OTA) broadcasting with the broadband viewing and information delivery methods of the Internet, using the same 6 MHz channels presently allocated for DTV service.

This new TV transmission standard promises to allow broadcasters to innovate, improve service, and use their spectrum more efficiently. It also has the potential to enable broadcasters to provide consumers with a more immersive and enjoyable television viewing experience on both home and mobile screens. In addition, ATSC 3.0 will allow broadcasters to offer enhanced public safety capabilities, such as geo-targeting of emergency alerts to tailor information to particular communities and emergency alerting capable of waking up sleeping devices to warn consumers of imminent emergencies, and advanced accessibility options. With today’s action, we aim to facilitate private sector innovation and promote American leadership in the global broadcast industry.(fcc.gov)

Broadcast Infrastructure Cybersecurity Webinar Series Begins January 30

The SBE presents a four-part webinar series, [Broadcast Infrastructure Cybersecurity](#), beginning on Jan. 30 with **Module 1: Introduction & Network Security Principals**. The series provides an understanding of IP network security terminology, security plan principals, best practices, proactive implementation techniques, and active security verification. Practical implementation examples utilizing popular network infrastructure equipment will be provided with public domain security assessment tools.



The SBE webinar series is presented by Wayne Pecena, CPBE, 8-VSB, AMD, DRB, CBNE, assistant director of educational broadcast services in the Office of Information Technology at Texas A&M University. Module 1 will be an introduction to cybersecurity in the broadcast plant as well as an overview of the security policy. Module 1 also covers structured security implementation and hardening the broadcast IP Network.

The modules that follow include:

Module 2: Understanding the Firewall, Tuesday, Feb. 27 from 2 p.m. - 3:30 p.m. ET, which will include a discussion of the access control list (ACL) and the firewall, a review of "Firewall Implementation & Ruleset Configuration" and applying the security policy through the firewall ruleset.

Module 3: Understanding Secured Remote Access is next, on Tuesday, March 27 from 2 p.m. - 3:30 p.m. ET will discuss how to establish secured remote access. This session also reviews VPN implementation and configuration.

[Register for Module 1](#)

[Register for Module 2](#)

[Register for Module 3](#)

[Register for Module 4](#) **Module 4: Security Verification Through Penetration Testing, is on Tuesday, April 24 from 2 p.m. - 3:30 p.m. ET**. It will cover proactive security monitoring and an overview of network penetration testing and network presentation testing tools, with examples.

The SBE member fee for each module of the series is \$59. The non-member fee is \$89.

Registering for the SBE Cybersecurity Series Using the SBE MemberPlus Option

The Broadcast Infrastructure Cybersecurity series, like all new SBE webinars presented in 2018, will be included at no additional cost for members who renew or join using the \$175 SBE MemberPlus membership option. You'll get all four Cybersecurity modules, plus access to all archived SBE webinars and any new live webinars SBE presents through March 31, 2019, all for no extra cost. Members can renew and newcomers may join online at the SBE website using the SBE MemberPlus option.



Broadcast ownership rule changes. The The FCC has approved rulemakings for several changes in broadcast ownership rules

Accordingly, in today's Order on Reconsideration, we grant in part and deny in in part, as set forth herein, various petitions for reconsideration³ of the *Second Report and Order*. Specifically, we

- (1) eliminate the Newspaper/Broadcast Cross-Ownership Rule;
- (2) eliminate the Radio/Television Cross-Ownership Rule;
- (3) revise the Local Television Ownership Rule to eliminate the Eight-Voices Test and to modify the Top-Four Prohibition to better reflect the competitive conditions in local markets;
- (4) decline to modify the market definitions relied on in the Local Radio Ownership Rule, but provide a presumption for certain embedded market transactions;
- (5) eliminate the attribution rule for television joint sales agreements (JSAs);
- (6) retain the disclosure requirement for shared service agreements (SSAs) involving commercial television stations. (fcc.gov)

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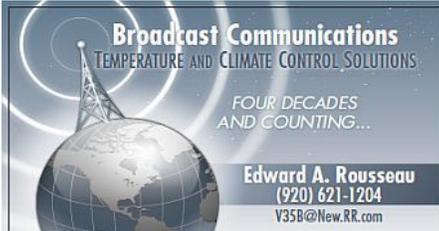




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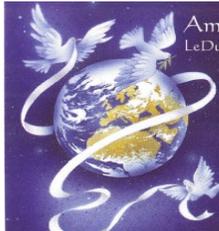
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