



# The Society of Broadcast Engineers

## Fox Valley Wisconsin SBE Chapter 80

PO Box 1519 Appleton, WI 54912-1519

**February 2024**

Like us on Facebook [facebook.com/sbe80](https://facebook.com/sbe80)

Our website [sbe80.org](https://sbe80.org)

Twitter: @sbechapter80

### **February 2024 Chairman's Corner**

I open this month's chairman's corner by quoting the forward of the SBE Canons of Ethics:

*"Honesty, justice, and courtesy form a moral philosophy when associated with mutual interest between human beings. This constitutes the foundation of ethics. Broadcast engineers should recognize such a standard of behavior not in passive observance, but as dynamic principles guiding their conduct and way of life. It is the duty of all broadcast engineers to practice their profession according to this Canons of Ethics."*

*"The Keystone of professional conduct is integrity. Broadcast engineers will discharge their duties with fidelity to the public and to their employers, and with impartiality to all. Broadcast engineers must uphold the dignity of their profession and avoid association with any enterprise of questionable character. Broadcast engineers will strive to be fair, tolerant, and open minded."*

I feel very strongly that our Canons of Ethics should be our guide in how we conduct ourselves as professional broadcast engineers. Displaying qualities such as honor, honesty, integrity, respect, and professionalism and conducting our business in an ethical manner will go a long way towards elevating our Chapter. It will also help us find and usher in the next generation of broadcast engineers. You will find the entire Canons of Ethics at the end of this month's newsletter. I encourage you to take a few moments to read it over. I know I picked up a lot of valuable information from it, I hope you do as well.

Also, the SBE turns 60 this year! The ideas expressed in the picture below along with our Canons of Ethics really illustrate what being a member of the SBE is about.



## **Steve Brown Retirement**

I'd like to take a moment here to officially congratulate Steve Brown on his retirement. Woodward Community Media celebrated Steve (and a couple of his former co-workers) on January, 18<sup>th</sup> at Holiday's in Neenah, here are a few pictures from the event. We hope Steve is able to enjoy his retirement (even though I'm going to be keeping him busier than I'm sure he wants to be 😊).



## **Sage Rev 96 Firmware Update**

Sage has released the Rev 96 firmware update. The update needs to be installed by March 11, 2024, to meet the FCC rules regarding CAP Prioritization and national message text. The update is available from any of Sage distributor. Any Model 3644 Sage Digital Endec originally purchased new from dealer stock after December 12, 2021, is eligible for a free Rev 96 update. This includes serial numbers B418750 to B429999. Once an update is purchased, or if the unit is eligible for a free update, go to the download page at [www.sagealertingsystems.com/rev96download.html](http://www.sagealertingsystems.com/rev96download.html) and follow the steps there. Rev 95 must be installed before installing Rev 96.

The Rev 96 release also includes replacements for security certificates expiring in mid-April 2024, and support for new certs to be issued starting April 1, 2024. These are used by FEMA to allow EAS devices to validate alerts as required by Part 11.56(3)(c).

In addition to the FCC required changes, Rev 96 includes several usability features, including automated emailing of conformance reports, required alert summaries and the full log each week. This will reduce the amount of time needed to acquire and review the log data and reduce the number of people that need to access the ENDEC. This will help to further highlight compliance issues such as failure to receive RWTs and RMTs, and to send RWTs and relay RMTs. Additional features are described in the release notes.

Additional information: [www.sagealertingsystems.com/Rev96Questionsv2.pdf](http://www.sagealertingsystems.com/Rev96Questionsv2.pdf)

Release notes: [www.sagealertingsystems.com/Rev96-release-notes.pdf](http://www.sagealertingsystems.com/Rev96-release-notes.pdf)

## **New Program Chair**

We have filled our program chair vacancy! I'd like to offer a big THANK YOU to Marty Jury who has graciously offered to step into the role for John Pfankuch. I'm confident that Marty will do a fantastic job in this role.

## **February Program**

Our speaker this month is Vicki Kipp, from PBS Wisconsin Engineering with her program on the FCC's TV Audio Description Rules. The Twenty-First Century Communications and Video Accessibility Act of 2010 (CVAA) established audio description requirements for the top 25 TV

markets and was later extended to additional DMAs. It took effect in Milwaukee in 2015, Green Bay-Appleton in 2021, and Madison in 2023.

On October 17, 2023, the FCC adopted the Audio Description Second Report and Order, which phases in audio description requirements for an additional ten markets every year until all markets are covered. The CVAA 2021 2nd R & O will take effect in the La Crosse-Eau Claire market in 2027, in the Wausau-Rhineland, Rockford, and Duluth-Superior markets in 2029, and in the Marquette market in 2032.

Learn why Audio Description (AD) exists, what the FCC requirements are, and how to produce quality audio descriptions.

As always, if you can't join us in person, you have the option of joining us via Zoom, just click on the link below;

<https://us06web.zoom.us/j/89065684926?pwd=KPwtXTsmHrI43ef7VIONTkBBTW4eFj.1>

Meeting ID: 890 6568 4926

Passcode: 976202

Bill Hubbard has also sent the link in a separate email.

Exam Date(s)	Location	Application Deadline
April 16, 2024	NAB Show Las Vegas	March 1, 2024
June 7-17, 2024	Local Chapters	April 26, 2024
Aug. 2-12, 2024	Local Chapters	June 14, 2024
Nov. 1-11, 2024	Local Chapters	Sept. 6, 2024

### **Upcoming dates to remember**

Tuesday, February 20<sup>th</sup> – SBE Chapter 80 monthly meeting, Out-O'-Town Club in Kaukauna, 12:00 pm

Monday, March 11<sup>th</sup> – Sage Rev 96 Firmware update needs to be installed by this date for FCC compliance.

Tuesday, March 19<sup>th</sup> – SBE Chapter 80 monthly meeting, Out-O'-Town Club in Kaukauna, 12:00 pm

April 13<sup>th</sup> – 17<sup>th</sup> – NAB Show in Las Vegas

Link to the [SBE WEBSITE](#)

**SBE**  
**CANONS OF ETHICS**  
**Foreword**

Honesty, justice and courtesy form a moral philosophy when associated with mutual interest between human beings. This constitutes the foundation of ethics. Broadcast engineers should recognize such a standard of behavior not in passive observance, but as dynamic principles guiding their conduct and way of life. It is the duty of all broadcast engineers to practice their profession according to this Canon of Ethics.

The Keystone of professional conduct is integrity. Broadcast engineers will discharge their duties with fidelity to the public and to their employers, and with impartiality to all. Broadcast engineers must uphold the dignity of their profession and avoid association with any enterprise of questionable character.

Broadcast engineers will strive to be fair, tolerant, and open minded.

**Professional Life**

**Section 1.** The Broadcast Engineer will cooperate in extending the effectiveness of the engineering profession by interchanging information and experience with other broadcast engineers and students and by contributing to the work of engineering societies, schools and the scientific and engineering press.

**Section 2.** The Broadcast Engineer will avoid all conduct or practice likely to discredit or unfavorably reflect upon the dignity or honor of the profession.

**Relations with the Public**

**Section 3.** The Broadcast Engineer will endeavor to extend public knowledge of broadcast engineering and will discourage the spreading of untrue, unfair, and exaggerated statements.

**Section 4.** The Broadcast Engineer will have due regard for the safety of life and health of the public and employees who may be affected by the work for which he or she is responsible.

**Section 5.** The Broadcast Engineer will express an opinion when it is founded on adequate knowledge and honest conviction while he or she is serving as a witness before a court, commission or other tribunal.

**Section 6.** The Broadcast Engineer will not issue ex parte statements, criticisms or arguments on matters connected with the public policy which are inspired or paid for by private interests, unless he or she indicates on whose behalf he or she is making the statement.

**Section 7.** The Broadcast Engineer will refrain from expressing publicly an opinion on an engineering subject unless he or she is informed as to the facts relating hereto.

**Relations with Clients and Employers**

**Section 8.** The Broadcast Engineer will act in professional matters for his employer as a faithful agent or trustee.

**Section 9.** The Broadcast Engineer will act with fairness and justice between his or her employer.

**Section 10.** The Broadcast Engineer will make his or her status clear to his or her employer before undertaking an engagement if he or she may be called upon to decide on the use of inventions, apparatus, or any other thing in which he or she may have a financial interest.

**Section 11.** The Broadcast Engineer will guard against conditions that are dangerous or threatening to life, limb, or property on work for which he or she is responsible, or if he or she is not responsible, will promptly call such conditions to the attention of those who are responsible.

**Section 12.** The Broadcast Engineer will present clearly the consequences to be expected from deviations proposed if his or her engineering judgment is overruled by non-technical authority in cases where he or she is responsible for the technical adequacy of engineering work.

**Section 13.** The Broadcast Engineer will engage, or advise his employer to engage, and he or she will cooperate with, other experts and specialists whenever the employer's interests are best served by such service.

**Section 14.** The Broadcast Engineer will not disclose information concerning the business affairs or technical processes of employers without their consent.

**Section 15.** The Broadcast Engineer will not accept compensation, financial or otherwise, from more than one interested party for the same work, without the consent of all interested parties.

**Section 16.** The Broadcast Engineer will not accept commissions or allowances, directly or indirectly, from contractors or other parties dealing with his employer in connection with work for which he or she is responsible.

**Section 17.** The Broadcast Engineer will not be financially interested in the bid as or of a contractor on competitive work for which he or she is employed as an engineer unless he or she has the consent of his or her employer.

**Section 18.** The Broadcast Engineer will promptly disclose to his or her employer any interest in a business which may compete with or affect the business of his or her employer. He or she will not allow an interest in any decision regarding engineering work for which he or she may be called upon to perform.

### **Relations with Engineers**

**Section 19.** The Broadcast Engineer will endeavor to protect the broadcast profession collectively and individually from misrepresentation and misunderstanding.

**Section 20.** The Broadcast Engineer will take care that credit for work is given to those to whom credit is properly due.

**Section 21.** The Broadcast Engineer will uphold the principle of appropriate and adequate compensation for those engaged in broadcast work, including those in subordinate capacities, as being in the public interest and maintaining the standards of the profession.

**Section 22.** The Broadcast Engineer will endeavor to provide opportunity for the professional development and advancement of personnel in his or her employ.

**Section 23.** The Broadcast Engineer will not directly or indirectly injure the professional reputation, prospects, or practice of another colleague. However, if he or she considers that an individual is guilty of unethical, illegal, or unfair practice, he or she will present the information to the proper authority for action.

**Section 24.** The Broadcast Engineer will exercise due restraint in criticizing another colleague's work in public, recognizing the fact that the engineering societies and engineering press provide the proper forum for technical discussion and criticism.

**Section 25.** The Broadcast Engineer will not try to supplant another engineer in a particular employment after becoming aware that definite steps have been taken toward the other's employment.

**Section 26.** The Broadcast Engineer will not use the advantages of a salaried position to compete unfairly with another engineer.

**Section 27.** The Broadcast Engineer will not become associated in responsibility for work with engineers who do not conform to ethical practices.

## Chapter 80 Elected & Appointed Officers

Chairman	Matt Converse	Chief Engineer, WRG	920-831-5685	matt.converse@wcinet.com
Vice Chairman	Craig Pilgram	Cumulus Media	920-621-4571	craig.pilgram@cumulus.com
Imm. Past Chair	Marty Jury	Relevant Radio	920-265-2684	starboardmarty@yahoo.com
Secretary	Eric Papenfuss	WPR	608-406-4252	eric.papenfuss@wpr.org
Treasurer	Steve Brown	WHBY WAPL WKSZ WZOR	920-733-6639	sbrown1150@gmail.com
Program Chairman	Marty Jury	Relevant Radio	920-265-2684	starboardmarty@yahoo.com
Membership Chairman	Dave Duca	WOCO	920-883-7474	acrodrome@gmail.com
Sustaining Membership	Stu Muck	Muck Broadcast services	920-960-0045	mbsfdl@yahoo.com
Frequency Coord. < 2 GHz	Tim Laes	WGEE WIXX WNCY WROE	920-435-3771	tlaes@new.rr.com
Frequency Coord. > 2 GHz	Bill Hubbard	Retired	920-619-9651	bhubbardgb@gmail.com
Chapter Liaison	Kevin Trueblood	WGCU Public Media	239-590-2380	kevin@neptuneradio.net
Newsletter Editor	Andrew Hansen	Public Media Engineering	715-338-0013	andrew@pmeworks.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

### Support the companies that support Chapter 80!

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



**Steve Brown, CPBE, CBNT**  
Director of Broadcast Engineering  
W9APL Amateur Call Sign

Direct 920.831.5659  
Fax 920.739.0494 • sbrown@wcinet.com  
PO Box 1519 • Appleton, WI 54912-1519





**EVANS ENGINEERING SOLUTIONS**

524 Alta Loma Drive  
Thiensville, WI 53092-1406  
www.evansengsolutions.com

PROBLEM SOLVING BEYOND EXPECTATIONS

**Ben Evans**  
President & Senior Technical Consultant

Ph. (262) 518-0178 • Cell (414) 530-8234  
Email: ben@evansengsolutions.com

RENEWABLE ENERGY • WIRELESS COMMUNICATIONS • BROADCAST



**Mark Bartolotta**  
Regional Sales Manager

**Heartland Video Systems, Inc.**  
1311 Pilgrim Road  
Plymouth, WI 53073  
Dir: (920) 893-6743  
Tel: (800) 332-7088  
Cell: (920) 912-1054  
Fax: (920) 893-3106  
EMAIL: mbart@hvs-inc.com  
www.hvs-inc.com

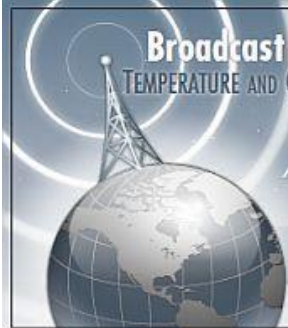
Broadcast & Professional Solutions  
CONVERSION • STORAGE • COMPRESSION • TRANSMISSION  
AUTOMATION • ROUTING • MONITORING • INTEGRATION



**Kelly Radandt**  
General Manager

Direct 920.831.5655  
Cell 920.740.2085 • kradandt@wcinet.com  
PO Box 1519 • Appleton, WI 54912-1519





**Broadcast Communications**  
TEMPERATURE AND CLIMATE CONTROL SOLUTIONS

FOUR DECADES  
AND COUNTING...

**Edward A. Rousseau**  
(920) 621-1204  
V35B@New.RR.com

**Mike Veith**  
Controller

**608.837.9050**  
mveith@wave-com.com  
FAX: 608.825.9050



