



The Society of Broadcast Engineers

Fox Valley Wisconsin SBE Chapter 80

PO Box 1519 Appleton, WI 54912-1519

August 2025

Our website sbe80.org

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Chairman's Corner

SBE Chapter 80 Members,

Summer is certainly flying by, it's hard to believe it's already August.

Thank you to everyone who attended the picnic at the Fox 11 Fieldhouse in July, and a BIG thank you to Shane Godmere and the staff at Fox 11 for making the arrangements and allowing us to use their facility.

This month's meeting will be held at Sam's Pizza in Schofield (5811 Business Highway 51 S, Schofield, WI 54476) at our usual time of noon on Tuesday, August 19. Our presenter is Bear Poth, President and CEO of Lumen Serve updating us on tower lighting changes. You can read more about this month's program in our newsletter.

Looking ahead, the Midwest Regional Broadcasters Clinic takes place at the Madison Marriott West in September, you can check out the line-up of speakers and events along with register at their new website, <https://broadcastersclinic.com> I would strongly encourage everyone to attend if you can. This will take the place of our monthly Chapter 80 meeting.

In October we will be back at the Out O' Town Club for our regular meeting where we will need to form our nomination committee and nominate people to run for the Chapter offices of Chairman, Vice Chairman and Secretary. We NEED people to step up for these positions, if you are interested, please reach out to any current Chapter 80 officer they can help answer any questions you might have.

I look forward to seeing everyone at Sam's Pizza in Schofield on the 19 th !

Thank You,

Matt Converse

Chairman Fox Valley Chapter 80

This Month's Program

Bringing to Light: The Changes in The Tower Lighting World

The FAA compliance rules for your tower's obstruction lighting continue to be updated as evidenced by the November 2020 circular. LumenServeSM will review some key aspects of the regulations that you need to know. LEDs have been around for many years, however, in the tower lighting world their deployment is creating big changes. In addition, the traditional practice of procurement, maintenance and monitoring has a new model: Tower Lighting as a Service®. LumenServeSM is at the forefront of this new approach to tower lighting, and we will explore its advantages and implications.

The Presenter: Bear Poth

Bear Poth is the founding President and CEO of LumenServeSM, Inc. and has an extensive entrepreneurial and operations background founding and growing numerous telecommunications and technology-based companies over a 25+ year professional career. His experience includes being founder and CEO of a wide range of companies that have built and operated IP Networks with 3,000+ route miles of microwave/fiber transport, built and serviced 25,000+ VoIP connections, constructed over 1,300 miles of hybrid fiber/coaxial broadband plant, provided 50k+ CATV/telephone/Internet connections, constructed 100k+ square-mile canopy of wireless networks and constructed and operated 500+ wireless towers. Bear is a long-time member of the Engineering Advisory Board at The University of Texas. He received a Bachelor of Science in Mechanical Engineering and a Master of Business Administration from The University of Texas.

Upcoming Webinars by SBE

Changes in the Noise Environment at AM Frequencies, Part 1: Effects

August 21, 2025 | 2:30 p.m. ET

This is Part 1 of a three-part series that will discuss the effects of changes in the noise environment at AM Frequencies, particularly indoors. Presenters John Kean and Gary Cavell of Cavell Mertz/ Capitol Airspace Group lead the discussion that will review a recent roadway study for NRSC that found comparatively low noise for daytime vehicular reception and showed night-time coverage has degraded due to allocation matters that added stations or reduced separation.

Building the Broadcast IP Content Network

August 28, 2025 | 2 p.m. ET

This presentation focuses on the demands and advanced features required for a broadcast facility IP network to reliably transport real-time media content, such as QoS, multicast and PTP, whether in an AoIP radio or an ST2110 television facility.

Audio-Over-IP: What Broadcast Engineers Need to Know

September 18, 2025 | 2 p.m. ET

Join Kirk Harnack for the Society of Broadcast Engineers' webinar, "Audio-Over-IP: What Broadcast Engineers Need to Know," where you'll explore the core principles behind modern AoIP networks. You'll discover the fundamentals of successful AoIP deployment, from signal theory to end-to-end network design.

Upcoming Certification Exams

Exam Dates	Location	Application Deadline
November 7-17, 2025	Local Chapters	September 4, 2025
February 6-16, 2026	Local Chapters	January 4, 2026
April 21, 2026	NAB Show	March 9, 2026

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