



The Society of Broadcast Engineers

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

October 2017

Like us on FaceBook - facebook.com/sbe80
Our website sbe80.org
Twitter: @sbechapter80

Our next SBE Chapter 80 meeting will be at the Out of Town Club on November 14th (yes that's **tomorrow**) at noon. Our program will be "New technologies available in the audio processor" by Mike Erickson and Phil Owens of Wheatstone Audio



Mike Erickson has been with Whetstone since 2010 working on audio processing development and in field installation of processors made by Wheatstone. Before working for Wheatstone, Mike was with CBS Radio in New York. He started in 1996 as a staff engineer at WFAN before being promoted to chief engineer of WCBS FM in 2007.

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

Main Studio Rule Repealed

At the October meeting of the FCC Commissioners, they approved two actions to change regulations concerning the maintenance of the main studio for all broadcast stations and the yearly filing of DTV stations supplementary services payments form.

In the action concerning the main studio rules (http://transition.fcc.gov/Daily_Releases/Daily_Business/2017/db1024/FCC-17-137A1.pdf), the Commission removed the requirement that a station maintain its main studio in its city of license or within the city grade contour. With the removal of the main studio requirement a number of other rules were affected and modified. Stations will no longer be required to: have two people present at the main studio during business hours, and maintain the capability to broadcast from the main studio even if no programs are broadcast from it.

Previously, stations were required to be able to broadcast live programming, even if no local programming was produced. Other rules affected include the location of a station's remote control point, how equipment tests are performed, notifying the FCC of changes in studio location and the location of public file. Stations will still have to either maintain a local or toll-free phone number. Radio stations that have not gone to online public files, will still have to maintain the files locally at the library or have them kept at some other business in the community. Class A LPTV stations will still have to produce three hours of local programming a week, which could be produced by a third party.

Before anyone closes their local studios, they should contact their attorneys or at least read the rule changes in the notice. The action will have an effect on the local stations programming that and combine their operations in one location. A station could exist with a satellite or Internet connection at the transmitter and an EAS unit. Stations could be programmed from hundreds or thousands of miles away. The only local operation could be sales operations, with the salespersons working from home or just taking orders via e-mail or even only carrying national spots. This rule change could eliminate more jobs in a business where many jobs have already been lost due to cost cutting or changes in technology.

In the second action, the FCC adopted a Notice of Proposed Rulemaking (http://transition.fcc.gov/Daily_Releases/Daily_Business/2017/db1024/FCC-17-138A1.pdf) to eliminate the yearly filing of the Auxiliary or Supplementary Services Reporting Form for DTV stations that do not provide data or other subscription services with their digital bandwidth. When the FCC authorized DTV service, they made a requirement that stations that use their DTV signal to provide data or other subscription services to pay 5% of the proceeds to the FCC. This was to appease those who objected to the use of a second channel during the transition without an auction. The few stations that do provide these services will still have to file the form and make the payment.

The second part of this notice asks if the FCC should allow licenses to post public notices on their websites or other Internet based media in place of publishing the notice in the local newspaper and if some applications even need to be published. One of the FCC's answers to publishing public notices is that people subscribe to FCC news feeds such as the Daily Digest, which announces each days applications and actions. Few people except public interest groups even know that government agencies publish these notices or even care. *by Tom Smith SBE24)*

SBE University Courses are Back!

SBE University is back in session using a new learning management system to enhance your learning experience. SBE University courses are online, on-demand courses, available 24/7/365, on a variety of broadcast technical topics developed by experts for the SBE.



With these self-study courses, you pick the date, time and location to learn. At work, home, or on the go. Each course of SBE University is an electronic "book" that typically includes 8-14 chapters. At the end of each chapter is a quiz to help you gauge what you have learned.

[Computer Networking for Broadcast Engineers](#), [Introduction to File-Based Architecture and Workflows](#), and [Introduction to AM Antenna Systems](#) are just a few of the available courses. [Logon to SBE University](#) at the SBE website for a complete list. Take advantage of these valuable training opportunities. Using this new system, all users will have six months to access and complete the course after they have purchased the course.

Four additional SBE University courses will be added to the new platform later this year. If you have taken part on a SBE University course in the past and want to access your course again, please email Education Director [Cathy Orosz](#), or call her at 317-846-9000.



FCC proposes changes to ownership rules

What the Order on Reconsideration Would Do:

- Eliminate the Newspaper/Broadcast Cross-Ownership Rule because it is no longer necessary to promote viewpoint diversity and prevents combinations that would enable both broadcasters and newspapers to better serve the public interest.
- Eliminate the Radio/Television Cross-Ownership Rule because it is no longer necessary to promote viewpoint diversity in the modern media marketplace.
- Revise the Local Television Ownership Rule to eliminate the Eight-Voices Test and to incorporate a case-by-case review option in the Top-Four Prohibition to better reflect the competitive conditions in local markets.
- Decline to change the Local Radio Ownership Rule.
- Eliminate the attribution rule for television JSAs, finding that they are beneficial agreements that serve the public interest by allowing television broadcasters to better serve their local markets.
- Retain the disclosure requirement for SSAs involving commercial television stations.
- Find that the Commission will adopt an incubator program and commit to seeking comment in the attached Notice of Proposed Rulemaking on how to structure the program.

http://transition.fcc.gov/Daily_Releases/Daily_Business/2017/db1026/DOC-347453A1.pdf

"we find that the record clearly demonstrates that the wealth of additional information sources available in the media marketplace today, apart from traditional newspapers and broadcasters, strongly supports repealing the NBCO Rule. These dramatic and ongoing changes in the media industry negate concerns that repealing the NBCO Rule will harm viewpoint diversity. We do not perceive a need for the rule in light of the current trends toward greater consumer reliance

on these alternative sources of local news and information. The Commission's failure to account properly for the multiplicity of news and information sources available in the current media marketplace factored heavily in its unjustified retention of the NBCO Rule.

"On reconsideration, we eliminate the Radio/Television Cross-Ownership Rule, concluding that it is no longer necessary to promote viewpoint diversity in local markets. We conclude that the Commission erred in finding in the Second Report and Order that broadcast radio stations contribute to viewpoint diversity to a degree that justifies retention of the rule, particularly in light of other local media outlets that contribute to viewpoint diversity. We also conclude that, given that the rule already permits a significant degree of common ownership, it is doing very little to promote viewpoint diversity and its elimination therefore will have a negligible effect. Finally, we find that elimination of the rule is not likely to have a negative impact on minority and female ownership. (fcc)"

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 <small>Office)</small>	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

SBE MemberPlus Available January 2

An important membership enhancement option will soon be available with the introduction of [SBE MemberPlus](#). The Board of Directors of the Society of Broadcast Engineers adopted the new member benefit during last week's National Meeting in Denver, CO. It will be available beginning January 2, 2018.

SBE MemberPlus provides significant additional educational benefits for the member who chooses this option at renewal time, or when joining the SBE. It has a higher cost, but the value in return will be well worth it to anyone who wants to take advantage of the many



webinars the SBE has available.

Traditional membership, with relatively low dues, will still be available and there has been no change to the benefits it affords. They include SBE print and electronic publications, SBE Alerts and Updates, social media outlets, job listings, compensation survey results and access to group life insurance at no additional cost. It also provides members with discounts for SBE certification, education programs and purchases at the SBE Bookstore. The cost of annual Regular, Senior and Associate membership will be \$85 beginning January 2.

The SBE MemberPlus option, for \$175 per year, will provide each member with unlimited access to the entire archived catalogue of SBE webinars, plus, all new webinars produced during the membership year. When the SBE MemberPlus option becomes available on January 2, there will be 61 archived webinars available, including the popular eight-part SBE RF101 series, the five-part Fundamentals of IT Networking series, both released this year, and many more.

To recap, for an additional cost that is less than the price of two SBE webinars, those who choose the SBE MemberPlus option will have access to a wide variety of broadcast technical, regulatory and safety educational topics for the entire membership year. Many of which can be used for SBE recertification credit.

[Details about SBE MemberPlus](#) are available at the SBE website, including a FAQ. For more information, please [email SBE Executive Director John Poray](#) at the national office or call him at 317 846-9000.

[More](#) >

Web site of the week

a weekly blog for Broadcast engineering Professionals

<http://thisweekinradiotech.com/>

and a great video about the antenna system at the One World Trade center

<https://youtu.be/iPD0b5BMemA>

Support the Companies That Support Chapter 80!

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



Jim Lienau
 Vice President of Corporate
 Technical Services and CTO
 920-617-7101
 Cell: 920-639-0000
 Fax: 920-617-7329
 Pager: 920-613-0151

450 Security Blvd.
 P.O. Box 19079
 Green Bay, WI 54307-9079
 Web: www.cellcom.com
 E-mail: jim.lienau@cellcom.com



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



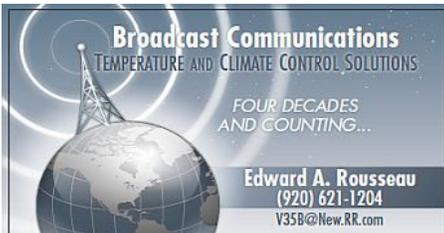
WOODWARD
 RADIO GROUP



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

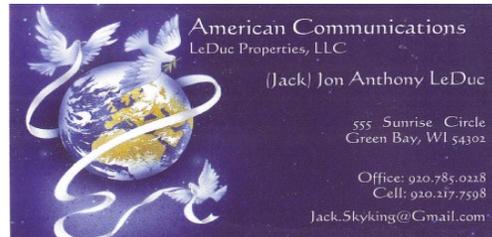
Broadcast & Professional Solutions
 CONVERSION • STORAGE • COMPRESSION • TRANSMISSION
 AUTOMATION • ROUTING • MONITORING • INTEGRATION



Broadcast Communications
 TEMPERATURE AND CLIMATE CONTROL SOLUTIONS

FOUR DECADES
 AND COUNTING...

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



American Communications
 LeDuc Properties, LLC

(Jack) Jon Anthony LeDuc

555 Sunrise Circle
 Green Bay, WI 54302

Office: 920.785.0228
 Cell: 920.217.7598
Jack.Skyking@Gmail.com



Office: 920-617-7100
 Fax: 920-617-7021
 5475 Glendale Ave.
 Green Bay, WI 54313

www.nsighttower.com




Kelly Radandt
 General Manager

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



WOODWARD
 RADIO GROUP

SBE Chapter 80 thanks our our fine sponsors for supporting our chapter