The Society of Broadcast Engineers

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

June 2014

The next meeting of SBE Chapter 80 will be the WBA summer engineering conference and Media Technology Institute Wednesday, June 18th at Blue Harbor Resort in Sheboygan

Chairman's Corner
Greetings Everyone, A special reminder that our Chapter 80 meeting this month will be integrated with the WBA summer engineering conference and Media Technology Institute on Wednesday, June 18th at Blue Harbor Resort in Sheboygan. Please visit www.wi-broadcasters.org for registration information and for the most updated seminar listings. We hope to see you there!
Our last meeting was held on May 13th at KI Convention Center in downtown Green Bay where we enjoyed the many interesting product exhibits at the Camera Corner Connecting Point annual Technology Expo.
Please visit our Chapter 80 website www.sbe80.org for items of local and regional interest and a host of informational postings.

Regards,
Steve Konopka

Upcoming Events

July 15th – Lambeau tour Tuesday at 1:00pm
August 19th – Picnic in Wausau. Host site will be WHRM thanks to Mark Hoenecke and the recently retired Dean Andrewjeski
September 16th – Werner Electric on FLIR handheld infrared thermography, Out O'Town Club, Kaukauna
October 21-24 – Broadcasters Clinic, Madison Marriott West

2014 - 2015 Certification Exam Schedule

The following certification exam dates will take place with the local SBE Chapter Certification Chairmen. If you live in an area where there isn't a local chapter, we can find an alternate means of taking the exam.

EXAM DATES	APPLICATION DEADLINE
August 8-18, 2014	June 6, 2014
November 7-17, 2014	October 6, 2014
February 6-16, 2015	December 31, 2014
June 5-15, 2015	April 10, 2015
August 7-17, 2015	June 5, 2015

Click HERE for the certification applications. If you have any questions contact the Certification Director, Megan Clappe.

CHAPTER 80 ELECTED AND APPOINTED OFFICERS 2011-2012

Chairman	Steve Konopka	WPNE TV/FM	920-336-3541	skonopka@ecb.org
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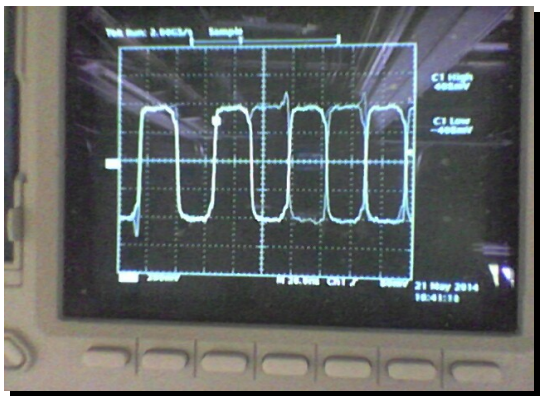
Chapter 80 Webmaster	Jim Jensen	Retired	920-850-2633	jim@jbjensen.net
EAS Coordinator	Steve Konopka	WPNE TV/FM	920-336-3541	skonopka@ecb.org
Board of Dirs/SBE Liaison	Keith Kintner	UWO	920-424-7357	kintner@uwosh.edu

Picture of the month



Asynchronous Serial Interface, or ASI, is a streaming data format which often carries an MPEG Transport Stream (MPEG-TS)

FCC Adopts Rules For First Ever Incentive Auction. Acrobat

Figure 1. 84 megahertz scenario

Figure 2. 126 megahertz scenario

"The auction presents a once-in-a-lifetime opportunity for broadcasters, and we are committed to providing them with information about both our process and the financial opportunity the auction represents to enable them to make informed business decisions about whether and how to participate."

This year's Workshop will be held in conjunction with the WBA Summer Conference at the Blue Harbor Resort in Sheboygan, WI.
If you'll need a hotel room you'd better book now, they are filling up fast in this totally upgraded resort on the Lake. See the WBA website for registration
information.

The day starts at 8:40 AM and ends at 4:30 PM followed by the Exhibit Reception, Dinner and the infamous S'mores campfire by the lake, all covered by your low cost single-day registration.

This one day Workshop always includes lively audience discussions of timely subjects so you'll want to save the date and make plans to attend.

8:00 AM - 6:30 PM: Registration

8:40 AM: Opening Remarks, Michelle Vetterkind, WBA President & CEO

8:45 AM Session: Cyber Security, Inside and Outside Your Network
Malware and virus threats grow and reinvent themselves every day. An added threat is infiltration via a mobile app. The latest threats and how best to protect your company's IP assets will be covered in this session. Speaker: Dick Ihlenfeldt, a Senior Network Engineer at Digicorp

9:30 AM Session: Are You Intruder Proof?
What would happen if an intruder came into your facility intending harm? How vulnerable is your facility and your staff? Anticipating and guarding against an intruder will be covered in this session. Speaker: Tom Kujawa

10:15 AM: Break

10:30 AM Session: High Voltage & RF Exposure Safety
There have been changes in the ANSI regulation rules for RF exposure. There is also a renewed consciousness about the reach and consequences of high voltage proximity. Learn how to remain "legal" and discover ways to protect yourself and the public. Speaker: Rich Wood, Resonant Results

11:15 AM Session: Maximizing Performance
There is more than distance, terrain, and fade margin to be considered when examining an RF link for any purpose. Even existing links may benefit from an effort to maximize performance. This session will discuss overall transmission efficiencies. Speaker: Jeff Welton, Nautel

12:00 PM: Lunch

1:15 PM Session: POTS is Gone, What Now?
Good old POTS lines are getting harder to come by when broadcasting remotely. Even ISDN is a fading technology. Can you broadcast over a smart phone?
This session will examine the latest technology to get voice from remote to air. Speaker: Tony Peterle, WorldCast Systems

2:00 PM Session: Ask a Manager (Panel)
Did you ever wonder what goes on in your company's executive office and the affect that has on engineering resources? Do you have questions about how finances and budgeting are accomplished and how that affects what the company purchases? This session will have a panel of Broadcast Management and Financial Officers who will field questions from the audience.
Speakers: Kelly Radandt, Woodward Communications; Dean Maytag, Hearst Television; Duke Wright, Midwest Communications, Inc.; Ty Shea, Controller, Morgan Murphy Media Wisconsin

2:45 PM: Break

3:00 PM Double Session: Apps; We'll Show You Ours If You Show Us Yours!
This session is returning and expanding due to popular demand. Not only will we take another look at useful apps for all broadcast engineers, we will also explore useful Open Source applications. Then, we will invite the audience to talk about the apps they find the most useful to them.
Speakers: Chris Tarr, Apps Demonstration; Matt Sperling, WKBT TV, Open Source Resources; Audience Participation, Show Us Your Favorites

4:30 PM: End of Sessions

REGISTRATION IS AVAILABLE ONLINE AT WWW.WI-BROADCASTERS.ORG

WBA MEDIA TECHNOLOGY INSTITUTE LITE

June 17-18, 2014
Blue Harbor Resort, Sheboygan, WI

The WBA Summer Conference in Sheboygan will feature a special one day version of the Media Technology Institute designed to assist engineers in maintaining transmission systems as well as station compliance with the FCC.

Called RF and FCC Basics, this one day program will explore the most common RF maintenance issues seen in broadcast plants as well as the most frequent issues with FCC compliance. Suggested maintenance and logging forms will be provided to guide engineers in establishing positive relationships with both their co-workers and the FCC inspector, and plenty of time will be available for constructive discussion on these issues.

INSTRUCTOR:
Terry Baun
WI ECB

TUESDAY, JUNE 17

10:00 AM: Welcome with Michelle Vetterkind, WBA President & CEO
Welcome and Discussion of Schedule with Terry Baun

10:15 AM: Introduction to Broadcast/Media Technology

12:00 PM: Lunch

1:30 PM: RF Fundamentals for Radio/TV

3:00 PM: RF Safety and Security for Radio/TV

4:00 PM: Basic FCC Compliance for Radio/TV

5:00 PM - 7:00 PM: Reception

WEDNESDAY, JUNE 18 - JOIN WBA SUMMER CONFERENCE ENGINEERING DAY

9:00 AM: Engineering Sessions

12:00 PM: Engineer's Lunch

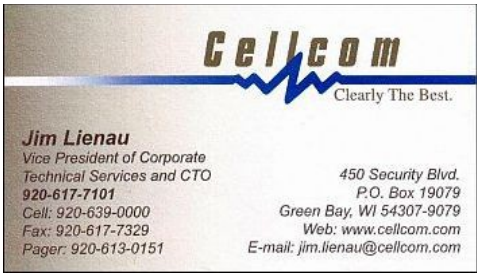
1:30 PM: Engineering Sessions

5:00 PM: WBA Exhibits, Reception and Dinner

THANK YOU TO OUR SPONSOR:

Midwest Communications

Please visit www.wi-broadcasters.org for more information on the WBA Summer Conference.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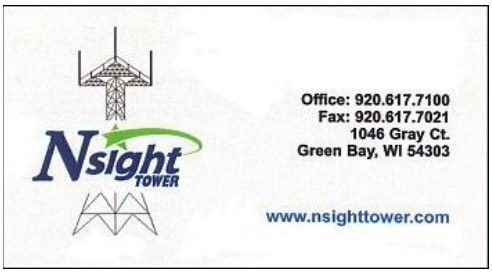
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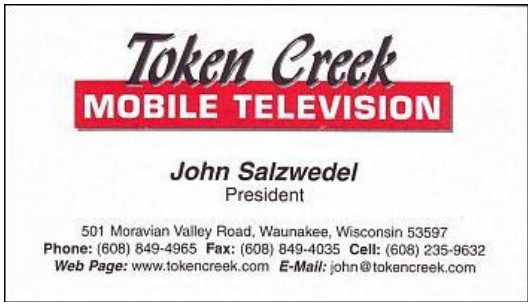
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