



# The Society of Broadcast Engineers

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

**May 2014**

The next meeting of SBE Chapter 80 will be Tuesday, May 13<sup>th</sup> at the Camera Corner Technology Expo at the KI convention Center in Green Bay **one week early this month**

Chairman's Corner

Greetings Everyone,

Members and guests are welcome at our upcoming Chapter 80 meeting ONE WEEK EARLY on Tuesday, May 13 at 12:00 noon, at the KI CONVENTION CENTER in downtown Green Bay, for the CAMERA CORNER CONNECTING POINT ANNUAL TECHNOLOGY EXPO. This has always been a very interesting affair, so we look forward to seeing you there!

Our last meeting was held on April 22, 2014 where we enjoyed a great presentation on state-of-the-art broadcast cables by Steve Lampen of Belden, Inc.

Please visit our Chapter 80 website, [www.sbe80.org](http://www.sbe80.org) for items of local and regional interest and a host of informational postings.

Regards,  
Steve Konopka

## **Upcoming Events**

May 13<sup>th</sup> – Camera Corner Technology Expo, KI Convention Center, Green Bay (**One week early!**)

June 18<sup>th</sup> – WBA summer engineering conference at Blue Harbor Resort in Sheboygan  
(The WBA Media Technology Institute is June 17<sup>th</sup> and 18<sup>th</sup> at the same location. Registration information at [wi-broadcasters.org](http://wi-broadcasters.org))

July – Lambeau tour (Date/time to be determined)

August 19<sup>th</sup> – Picnic in Wausau. Host site will be WHRM thanks to Mark Hoenecke and the recently retired Dean Andrewjeski

September 16<sup>th</sup> – Werner Electric on FLIR handheld infrared thermography, Out O'Town Club, Kaukauna

October 21-24 – Broadcasters Clinic, Madison Marriott West

## **Certification**

<b>Exam Dates</b>	<b>Location</b>	<b>Application Deadline</b>
June 6-16, 2014	Local Chapters	April 11, 2014
August 8-18, 2014	Local Chapters	June 6, 2014

## CHAPTER 80 ELECTED AND APPOINTED OFFICERS 2011-2012

Chairman	Steve Konopka	WPNE TV/FM	920-336-3541	skonopka@ecb.org
Vice Chairman	Tim Laes	WGEE WIXX WNCY WROE	920-435-3771	tlaes@new.rr.com
Treasurer	Steve Brown	WHBY WAPL WKSZ WZOR	920-733-6639	sbrown@wcinet.com
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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
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Certification Chairman	Jim Sams	UWGB	920-465-2572	samsj@uwgb.edu
Chapter 80 Webmaster	Jim Jensen	Retired	920-850-2633	jim@bjensen.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

Be sure to preregister for the Camera Corner Technology Expo  
<http://www.cccp.com/registration.php?EventID=1&Type=Pre>

### Seminar list for the the Camera Corner Expo

Time	Room: Augusta National	Room: Pebble Beach	Room: Black Wolf Run	Room: Whistling Straits
7:30 – 8:10		<b>Microsoft</b> Windows 8.1		<b>CCCP/Apple</b> iPad in Enterprise
8:20 – 9:00	<b>Samsung</b> Mobility		<b>HP</b> Networking	
9:10 – 9:50		<b>CCCP and Hitachi</b> All About Projectors		<b>HP</b> Managed Print Services
10:00 – 10:40	<b>ShoreTel</b> Mobility, BYOD and the Cloud		<b>Crestron</b> Distributing 4K Video	
10:50 – 11:30		<b>Ruckus Wireless</b> Reliable WiFi		<b>Microsoft</b> Office 365
11:40 – 12:20	<b>HP</b> Storage		<b>NetAssist (CCCP)</b> Managed Services	
12:30 – 1:10		<b>HP</b> Cloud		<b>Samsung</b> Mobility
1:20 – 2:00	<b>VMware</b> Virtual SAN		<b>Axis Communications</b> Video Surveillance	
2:10 – 2:50		<b>Tightrope Media Systems</b> Digital Signage		<b>Barracuda</b> Email and Internet Security

PLEASE KEEP THESE INSTRUCTIONS FOR DAY OF EVENT



The KI Center is undergoing renovations and the parking structure's capacity will be reduced during the Expo. We have made arrangements for overflow parking at Leicht Memorial Park which is located just over the Main Street Bridge between the Fox River and Titletown Brewing Company. Shuttle service will be available to the KI Center and back to Leicht Memorial Park during expo hours.



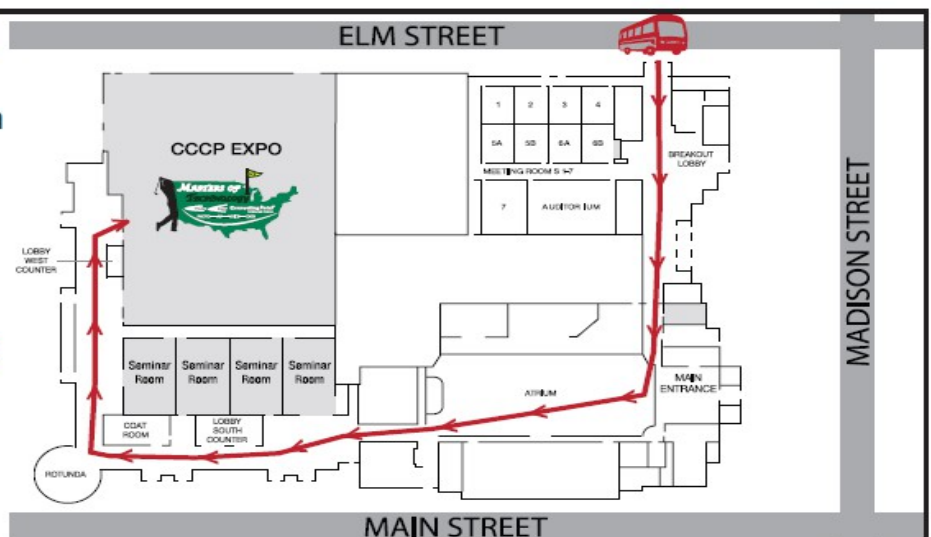
Parking is available in the parking structure on Main Street across from the KI Convention Center and at Leicht Memorial Park.



Shuttle service will be available between the KI Convention Center and Leicht Memorial Park, with shuttles leaving every 15 minutes. Drop off/pick up locations will be at the entrance to Leicht Memorial Park and at the Elm Street entrance to the Hyatt on Main. Follow the signs through the Hyatt lobby and atrium into the KI Convention Center.

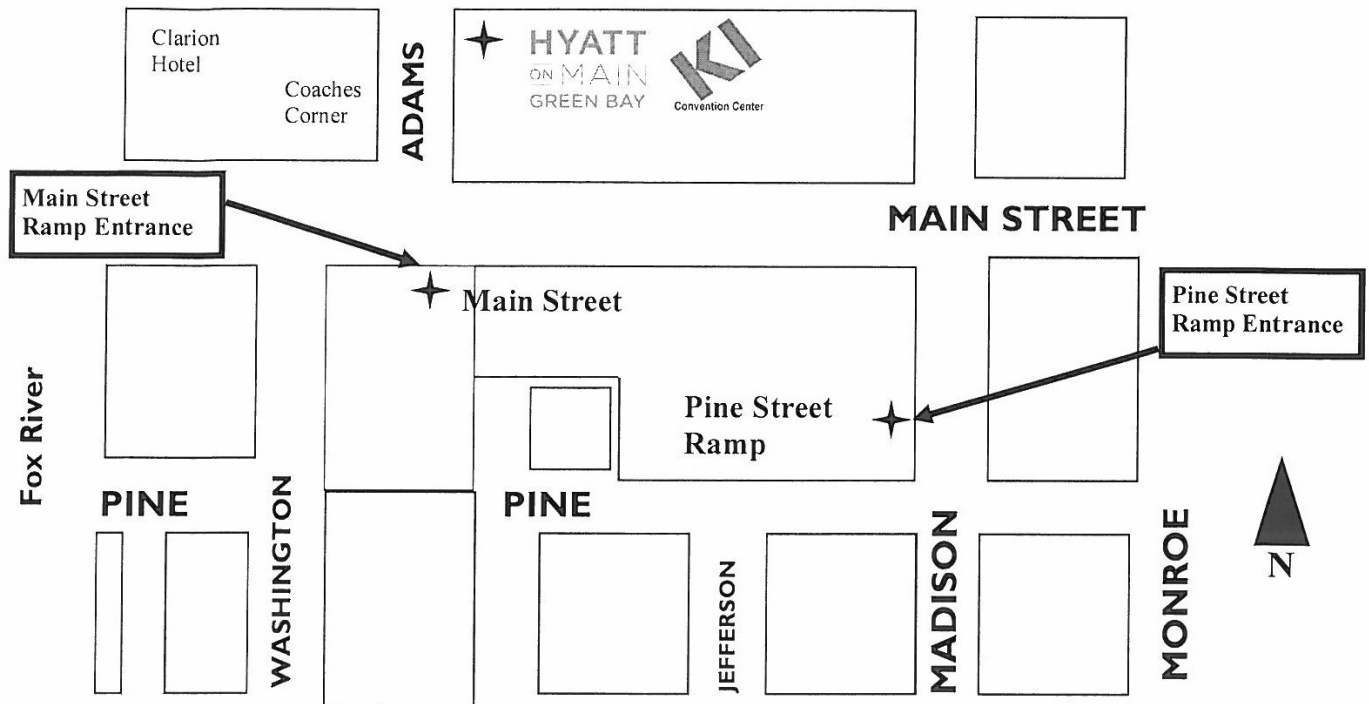
KI Convention Center/  
HYATT On Main  
333 Main Street, Green  
Bay, WI 54301

**Make it easy!  
Take our Shuttle!**



# KI Convention Center - Conference Parking Map

*Downtown Green Bay*



## Parking Instructions

- \*Primary parking for the conference will be in the Main Street Parking Ramp, with overflow parking in the Pine Street Ramp.
- \*When the Main Street Ramp is full, a sign indicating so will be placed near the entrance.
- \*In the event of the Main Street Ramp filling, follow the signage down Main Street, turn right (heading south) on Madison and the Pine Street Ramp will be found on your right.





# 2014 SUMMER CONFERENCE ENGINEERING SESSION AGENDA WEDNESDAY, JUNE 18<sup>TH</sup>

*BLUE HARBOR RESORT, SHEBOYGAN, WI*

This year's Workshop will be held in conjunction with the WBA Summer Conference at the Blue Harbor Resort in Sheboygan, WI. Engineering sessions start at 8:45am and end at 4:30pm followed by the Exhibit Reception and Dinner, all covered by your low cost single day registration.

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.

## SESSIONS

7:00 AM: Registration

8:40 AM: Opening Remarks

8:45 AM Session: Cyber Security, Inside and Outside Your Network

9:30 AM Session: Are You Intruder Proof (Building Security)

10:30 AM Session: High Voltage & RF Exposure Safety

11:15 AM Session: Maximizing Transmission Performance

1:15 PM Session: POTS is Gone, What Now?

2:00 PM Session: Ask a Manager (Panel Discussion)

3:00 PM Double Session: Apps; We'll Show You Ours If You Show Us Yours

4:30 PM: End of Sessions

## Deadlines approaching to the WBA summer conference

### Good Morning!

**Yay! Spring is here. All these showers is sure to bring beautiful May flowers. If not, the WBA will bring many opportunities for growth in May.**

**1) Join us for the WBA Summer Conference Engineering Day on June 18. Your topics and day's schedule is attached.**

**2) Summer Conference Absolute Deadlines:**

**a. Blue Harbor has given us a great deal on rooms. If you want to take advantage of those HOTEL RESERVATIONS: Please call 1-866-701-2583 and mention Reservation # 7AH06I, to get the WBA rate of \$89. Taxes and \$12.99 resort fee are separate charges. This registration will include one water pass per registered guest. Cutoff date is **May 23rd** and the hotel is already almost sold out so please make your hotel reservations now!**

**b. Many, many, many opportunities await you at the WBA Summer Conference. For full Agenda and Conference registration, click [here](#)**

**3) Engineering Internship. We have many students who have applied to receive Engineering Internships BUT we need your help to place them. The Wisconsin Broadcasters Association and Wisconsin Broadcasters Association Foundation know there is a shortage of persons seriously interested in becoming qualified broadcast engineers, and we want to help develop such talent throughout Wisconsin by helping you to initiate an Engineering Internship at your station. Up to **(5)****

**grants at \$2,500** for a two-month internship will be awarded to cover internship stipend and expenses. Internships are to run from June 16-August 15, 2014. To put some of these talented applicants to work, please fill out the attached and return to me ASAP.

4) Keeping current in Broadcast Engineering involves an investment of time and money in learning new technologies and practices. As our industry evolves, so must our understanding of how to implement new media transmission. Unfortunately, busy schedules and tight budgets for most engineering departments often do not permit engineers to learn new skills and acquire understanding of new technology. The **WBA** and the **WBA Foundation** will award **(5) \$1,000**

Grants statewide. These grants are to be used for continuing engineering education such as courses in Information Technology/Networking, Engineering Leadership/Management, Electrical Engineering/Transmission Courses, or other "new technology" training.

Rain or shine, almost 400 of us will meet up at the Madison Marriot West this Saturday for the **WBA Awards Gala**. For those stations participating....Good luck and Congratulations to your station team.

Please let us know how we can best be of assistance to you.



Linda Baun  
Vice President  
Phone: (608) 255-2600  
Fax: (608) 256-3986  
[www.wi-broadcasters.org](http://www.wi-broadcasters.org)

## **SBE National Awards nominations close June 13**

There is still time to submit your nominations for the 2014 SBE National Awards. Nominate an SBE member or chapter you believe stands out in their work, the broadcasting industry or the SBE. Often times these efforts go unrecognized. Don't let that happen this year!

To nominate a worthy individual or chapter, go to the SBE website and download and submit the [nomination form](#). Nominations are due by June 13. Winners will be notified in July and the awards will be presented during the [SBE National Meeting](#) on October 8 in Verona, N.Y, held in conjunction with the [SBE Chapter 22 Broadcast & Technology Expo](#) at the Turning Stone Resort Casino.

Awards include the Robert W. Flanders SBE Engineer of the Year, James C. Wulliman SBE Educator of the Year, The Technology Award, Best Social Networking Site, Best Chapter Newsletter, Most Interactive Chapter, Best Chapter Website, Best Technical Article, Book or Program by an SBE Member and Best Chapter Frequency Coordination Effort.



For additional information, contact Megan Clappe at the SBE national office [via email](#) or call (317) 846-9000.



## SBE RF Safety Course webinar is June 24

The 2014 SBE RF Safety Course has been updated and provides an overview of RF radiation issues and practices for broadcasters, including:

- Proving compliance at a broadcast site
- Biological effects of RF radiation and the distinct differences between RF radiation and ionizing radiation
- FCC and OSHA regulations - what they are and what you need to do to comply
- Workplace hazards
- Transmitter sites
- SNG and ENG trucks
- Remote operations (where news personnel can find problems such as on rooftops)
- The unique issues at AM stations
- RF hazard protection equipment - you may not need it but your contractors probably will
- Signs - what they mean and what you need



The course is designed for chief and assistant chief engineers, transmitter site engineers, ENG and SNG maintenance personnel and management that need to have an understanding of RF safety issues and regulations. Instructing the course is noted RF safety expert, Richard Strickland of RF Safety Solutions.

The completion of a webinar from Webinars by SBE qualifies for 1 credit, identified under Category I of the Recertification Schedule for SBE Certifications. This webinar is approximately three and half hours long. Fee for SBE Members is \$95. Fee for non-members is \$150. [Register on-line](#) at the SBE website. Direct questions to Kristin Owens via [email](#) or by phone at (317) 846-9000.

## Membership Drive concludes May 31

The SBE will conclude its annual membership recruitment drive on May 31. Though new members are welcome throughout the year, from March through May each year the SBE asks each member to recruit at least one new member. The theme of this year's campaign is, "Together, Shaping Our Future for Half a Century." It's a salute to the SBE's fifty years of creating a professional community of like-minded broadcast technical professionals that provides career development opportunity through education, certification, peer networking and other helpful resources.

To participate, recruit an associate at work or other friend or business contact within the industry. Have them include your name on the "sponsor" line of the application. Applicants can join online using the automated [member application](#), or download the application and mail or fax it to the SBE national office.

Anyone who recruits at least one new member will be eligible to win various [prizes](#), including the Grand Prize, a trip for one to attend the SBE National Meeting, held in conjunction with [SBE Chapter 22 Broadcast and Technology Expo](#), at the Turning Stone Resort Casino in Verona, N.Y., October 7-8. For more information, visit the [Membership Drive](#) page on the SBE website.



# 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:



Please visit [www.wi-broadcasters.org](http://www.wi-broadcasters.org) for more information on the WBA Summer Conference.



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