



# The Society of Broadcast Engineers

**Fox Valley Wisconsin, Chapter 80  
2308 East Henry Street  
Appleton, Wisconsin 54915-3547**

**November 2009**

The next meeting of Chapter 80 SBE will be at the Out of Town Club at noon on Tuesday November 17<sup>th</sup>. Our November program will be a presentation by Pete Kretche, Network Systems Administrator, from the UW-Green Bay Computing and Information Technology Department. Pete will present information about PC, server, and email security. Network security threats are becoming increasingly sophisticated and protecting all facets of the infrastructure is just as complex. This presentation will address actions that can be taken to address perimeter security as well as internal security against malware, spam and phishing. We will also discuss backups and disaster recovery as this goes hand-in-hand with security planning.

## Chairman's Corner

Welcome! Our November Chapter 80 meeting will be held on Tuesday, November 17, 2009 at the Out O' Town Club in Kaukauna, starting with a luncheon at noon. In addition to our program, we will also be finalizing our plans to switch the newsletter over to an electronic version.

Our October meeting was held in Madison on Wednesday, October 14, at the statewide SBE meeting at the SBE/WBA Broadcasters Clinic. Our thanks to WBA for the food, and Andy Rector with ACC Electronix for an interesting presentation celebrating the Cart Machine's 50<sup>th</sup> Anniversary. Gary Mach and Bill Hubbard gave a lively test of the best audio cable to kick off the nuts & bolts session on Tuesday evening. Our thanks to the WBA, Michelle Vetterkind and Linda Baun, and SBE Chapter 24 and the committee for all of their work and dedication. The Clinic was one of the best, and well-attended, despite the economic situation.

At our September meeting, a discussion was held regarding switching our Newsletter over to an electronic version, effective in January, 2010. To facilitate the switchover, we will need your current email address. So far, I have received very little response from our members! Please send me an email with your name, email address, and whether you prefer HTML or plain text. My email is:

[kintner@uwosh.edu](mailto:kintner@uwosh.edu)



We are finalizing the details, and plan to switch to an electronic version in January 2010. There will be a December mailed version, the last one prior to the switchover. We need your email address if you wish to continue to receive our Newsletter. The Newsletter will be posted on our website, and archive copies, as well as other Chapter 80 and SBE information are available as well.

## Upcoming events:

- Tuesday, December 15, 2009 – SBE Christmas Party, 6 p.m. at the Out O' Town Club. Our presenter will be **Tom Hutchison**. Tom will attend our holiday dinner and talk about his new book "*The Land of Milk & Money*". You can obtain more information from Mark Friedman (who arranged for Tom to present) and also by following this link: [http://www.hvsproductions.com/user\\_documents/Form/Milk&Money\\_order\\_form.pdf](http://www.hvsproductions.com/user_documents/Form/Milk&Money_order_form.pdf)
- Tuesday, January 19, 2010 – SBE Chapter 80 – TBA
- Tuesday, February 16, 2010 – SBE Chapter 80 -- TBA

I look forward to seeing you on Tuesday, November 17, 2009 at our meeting in Kaukauna!

Please send me your email address for the changeover in January! My email address (once more) is: [kintner@uwosh.edu](mailto:kintner@uwosh.edu)

Regards,  
Keith M. Kintner


**NOTE: Chapter 80 Newsletter is switching over to IP distribution effective January 2010. Please send your current email address, so that you will be able to receive it to [kintner@uwosh.edu](mailto:kintner@uwosh.edu)**



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**SBE Committee Chairs Announced** SBE held a meeting earlier this month at which its 2009-10 Committee Chairs were announced by the new president, Vinny Lopez. They are:

Awards--Jim Leifer, CPBE; By-Laws--Gary Liebisch, CPBE; Certification--Jim Bernier, CPBE CBNT; Chapter Liaison--Mark Heller, CBRE CTO; EAS--Ralph Beaver, CBT; Education--David Priester, CPBE; Fellowship--Troy Pennington, CSRE CBNT; Finance--Jerry Massey, CPBE 8-VSB AMD CBNT; Frequency Coordination--Joe Snelson, CPBE; Government Relations--Barry Thomas, CPBE CBNT; International--Charles W. Kelly Jr.; IT Strategy--Mark T. Simpson, CPBE CBNT AMD; Marketing & Public Relations--Chriss Scherer, CPBE CBNT; Membership--Scott Mason, CPBE; Student Chapters Subcommittee--Jeff Smith CEA CBNT; Nominations--Jim Leifer, CPBE; Publications--Conrad Trautmann, CPBE; Strategic Planning--Ralph Hogan, CPBE DRB CBNT; Sustaining Membership--Scott Mason, CPBE

**ATSC ADOPTS MOBILE DIGITAL TV STANDARD** "The Advanced Television Systems Committee (ATSC) is pleased to announce the approval of A/153 ATSC Mobile DTV Standard. The ballot, tallied at midnight Oct. 15, was approved with overwhelming support by the full ATSC membership. The ATSC Mobile DTV Standard defines the technical specifications necessary for broadcasters to provide new services to mobile and handheld devices using their digital television (DTV) transmissions. The new services for mobile and handheld devices are carried along with current DTV services without any adverse impact on legacy receiving equipment. ATSC Mobile DTV was developed to support a variety of services including free (advertiser-supported) television and interactive services delivered in real-time, subscription-based TV, and file-based content download for playback at a later time. The standard can also be used for transmission of new data broadcasting services." (ATSC.org)

**Donald Markley** passed away in a Peoria hospital on October 22nd. He was 73 years of age. Don was a longtime friend of the Wisconsin SBE Chapters, having spoken at the Broadcasters Clinic from 1979 to 1999, when his protégé, Jeremy Ruck, took over in his place. Don received bachelor and master of engineering degrees, having attended the Milwaukee School of Engineering and Bradley University, and started teaching at Bradley University in 1964. Don started his engineering consulting business, D.L. Markley and Associates, over 40 years ago. He also wrote many articles and columns for broadcast engineering magazines including Broadcast Engineering and BE Radio. (from the Peoria Journal and Broadcast Engineering and Chapter 24 Newsletter)



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**CHAPTER 80 ELECTED AND APPOINTED OFFICERS 2009-2010**

Chairman	Keith Kintner	UWO	920-424-7357	kintner@uwosh.edu
Vice Chairman	Evan Stanek	Woodward Communications	920-831-5682	estanek@wcinet.com
Secretary/Treasurer	Steve Brown	WHBY WAPL WKSZ WZOR	920-733-6639	sbrown@wcinet.com
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Program Chairman	Bill Hubbard	UW Green Bay	920-465-2510	hubbardw@uwgb.edu
Membership Chairman	Al Kilgore	WRVM	920-842-2839	akilgore@wrvm.org
Sustaining Memberships	Greg Tadyshak	WBAY-TV	920-438-3258	gtadyshak@wbay.com
Frequency Coord. < 1 GHz	Tim Laes	WGEE WIXX WNCY WROE	920-435-3771	tlaes@new.rr.com
Frequency Coord. > 1 GHz	Joe Kamenick	WFXS TV-55, Wausau	715-847-1155	jkamenick@peoplepc.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
Past Chairman	Mark Friedman	WPNE TV/FM	920-336-3541	titletownfans@yahoo.com
Board of Dirs/SBE Liason	Keith Kintner	UWO	920-424-7357	kintner@uwosh.edu

**The end of OTA TV?** The Consumer Electronic Association submitted a study to the FCC on the value of RF spectrum for Broadband internet. "CEA study suggests TV spectrum be assigned to broadband. The analysis below estimates the market value of the broadcasters' spectrum if it was available for wireless broadband at about \$62 billion. Making that spectrum available would require either paying broadcasters for their spectrum—estimated at about \$12 billion to make them whole—or paying to migrate all households that rely on over-the-air broadcasts to subscription services— estimated at a cost of about \$9 billion. Redeploying broadcasters' spectrum for wireless broadband would have significant effects beyond the direct benefits mentioned above. Consumer benefits would be between 10 and 20 times that of producers. There would be far reaching economic and social benefits beyond the direct producer and consumer benefits." (fcc.gov)

**Illegal rabbit ear antenna?** "Investigation by the Enforcement Bureau's Los Angeles Office revealed that on August 13, 2009, a Part 15 device at Ms. Frausto's residence in Compton, California, was causing interference to Verizon Wireless' cellular phone. Section 15.5(b) of the Rules states "[o]peration of an intentional, unintentional, or incidental radiator is subject to the conditions that no harmful interference is caused . . . ." 4. On August 11, 2009, the Los Angeles Office received a complaint of interference to Verizon Wireless' cellular phone frequency 840.356 MHz. On August 13, 2009, agents from the Los Angeles Office investigated the allegation and located the interfering signal emanating from Ms. Frausto's residence. Further investigation revealed that the source of the interfering signal was a Philips amplified television antenna, model Mant300, installed on top of a television set in the residence." (Fcc.gov)



**Jim Pianowski**  
Sales Representative

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**Society of Broadcast Engineers Chapter 80**  
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**consin Public Radio has an opening for a broadcast engineer...**

COMPLETE POSITION DESCRIPTION EC010002

Working Title: Broadcast Engineer, Automation Specialist

Official Title: Intermediate or Senior Instrumentation Specialist

Unit: Wisconsin Public Radio (WPR),  
University of Wisconsin-Extension

Appointment: Academic Staff 100% fixed term

Location: Madison, Wisconsin

Availability: Immediate/ Open until filled.

**POSITION SUMMARY**

A member of the WHA Radio Engineering Department, providing a full range of technical services in support of WPR activities. Install, support, service, maintain, repair, and build broadcast equipment with special emphasis on computer-based broadcast automation systems. Reports to the Director of Engineering and Operations. [http://www.wpr.org/about/jobs/Brd-auto-engr\\_pd.cfm](http://www.wpr.org/about/jobs/Brd-auto-engr_pd.cfm)

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The SBE Chapter 80 Newsletter is published monthly. Members are welcome to contribute articles or ideas. Please have your submissions in by the 4<sup>th</sup> of the month to Dave Driessen or Bill Tessman.