





CHAPTER 122
SOCIETY OF BROADCAST
 **ENGINEERS** 

July 2007

'Serving the Public through Quality Broadcast Engineering'

Coming in October...

A new and improved delivery system for Ohio statewide EAS messaging. The system is called Data Cast.

More details as they become available.

SBE to Offer New Specialist Certification

Following recent changes in the FCC rules recognizing the viability of digital radio and the official endorsement of multicasting, the National Certification Committee of the Society of Broadcast Engineers (SBE) is proud to announce its next specialist certification, Digital Radio Broadcast (DRB). This specialist certification will qualify an individual's knowledge of digital radio broadcasting including audio processing, studio-to-transmitter links and transmission of multi-channel digital program streams. The official roll-out of this specialist certification will be during the SBE National Meeting, held in conjunction with SBE Chapter 20's, Pittsburgh Regional Convention, October 10-11, 2007, in Monroeville, PA.

The specialist will include knowledge of importers, exporters, the various methods of combining analog and digital transmitters to antenna systems, delivery of digital audio signals and data to transmitter sites, transmitter emission mask measurements, AM and FM FCC rules, monitoring of digital signals and bandwidth requirements for AM antenna systems.

By becoming a certified specialist, a radio broadcast engineer can assure his or her manager that he or she is up to date on the latest technology. Digital audio broadcasting is different than traditional analog services. An individual's ability to certify his or her knowledge of the entire system rather than just a single part will bring confidence to both the individual and station management.

To apply for the SBE Digital Radio Broadcast specialist certification, applicants must currently hold SBE certification at the Broadcast Engineer, Senior Broadcast Engineer, or Professional Broadcast

Engineer certification level. The exam will consist of 50 multiple-choice questions and one essay question. Following the roll-out of the specialist certification, the SBE will release an update to its CertPreview software of practice tests. To obtain an application

for the Digital Radio Broadcast specialist certification, go to www.sbe.org/Specialist_Cert.php on the SBE website or contact the SBE National Office.



Minutes of the June Meeting

Society of Broadcast Engineers
Chapter 122

Minutes for 6/13/07

President Mike Heim opened the meeting at 1223, the minutes were approved as printed in the Chapter 122 newsletter. Mike Orto, gave the treasurers report which was approved. There was no report on certification, if anyone is interested in certification see Jim Hartzler. Bob Flis, frequency coordinator for frequencies above 1 GHz, reported that truck stop TV proposal on 2 GHz had popped up again.. There was no old business. Under new business, John Clarke reported that there will be a state level meeting in August regarding the state level EAS procedures and the possibility of a new system with delivery via fiber to the LP-1 stations. Motion by Bob Flis to close the meeting, second by John Clarke.

Submitted by Jim Hartzler

Certification Schedule

Exam Dates	Location	Application Deadline
August 10-20, 2007	Local Chapters	June 8, 2007
November 9-19, 2007	Local Chapters	September 21, 2007



EAS Test Schedule



Ohio:

July
 7/2 1:00PM RWT
7/11 9:50AM RMT (Exact Time)
 7/19 10:15PM RWT
 7/26 11:00AM RWT

August
 8/2 2:30am RWT
 8/8 4:50am RMT
 8/14 1:30pm RWT
 8/22 11:45am RWT
 8/27 12:15am RWT

The LP1 in Ohio (Trumbull, Mahoning and Columbiana Counties is WMXY (98.9). The LP2 is WYSU (88.5)

Pennsylvania:

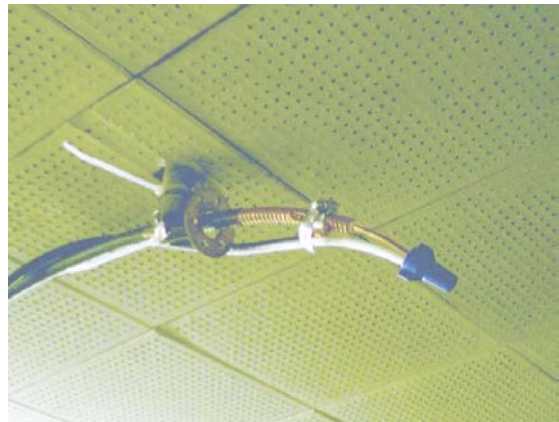
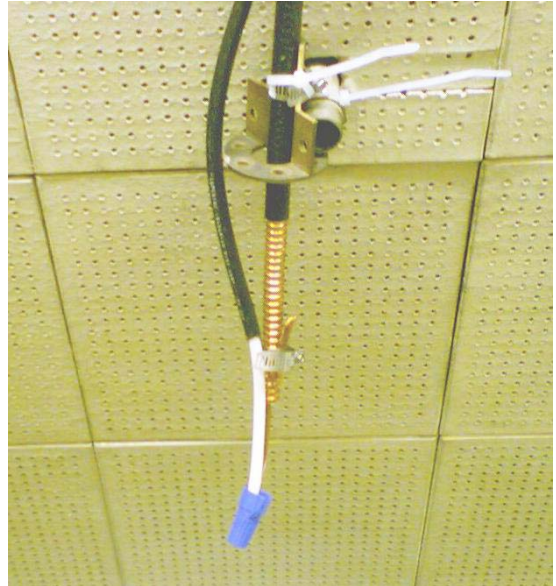
Monthly Test Dates only

July 19 10:15AM
 August 16.....12:45AM

The PA (Lawrence and Mercer Counties) LP1 is WWGY (95.1) and the LP2 is WAKZ (95.9)

Announcing New RF Connector

Apparently a new RF connector has been developed locally. Word on the street says it is good for about 1Kw on the medium wave and possibly the low shortwave frequencies. I was able to obtain a photograph of the laboratory prototype. The new connector is rumored to be designated the "B Connector", named after its inventor, who is still unnamed at the time this goes to print.



Monthly Meeting

The July meeting will take place at noon on July 12. We will meet at the Youngstown Sports Grille on South Avenue in Boardman. Anyone with an interest in broadcast engineering are welcome to attend our meetings. The meeting gathers around noon and the business meeting begins just after we order lunch. Some meetings have a program scheduled. If you wish to do a presentation contact one of the officers, and you will be scheduled. We would like to know at least 2 weeks in advance so it can be published in the newsletter.

Chapter Officers for 2007

President	Mike Heim	330-729-2568
V. President	Tom Zoccolo	330-782-1144
Treasurer	Mike Orto	330-207-3881
Financial Sec	Bob Flis	330-744-8611
Secretary	Melissa Limpose	330-729-2589

Frequency coordinators:

Under 1 GHz	Wes Boyd	330-783-1000
Over 1 GHz	Bob Flis	330-744-8611
Certification	Jim Hartzler	330-542-9345
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SBE Chapter Website: www.sbe122.org