Simple Network Management Protocol course available through SBE University

The SBE is pleased to offer, “Use of the Simple Network Management Protocol in Broadcast Monitoring and Control Systems”, a new course on SBE University. This course provides an introduction and overview of the Simple Network Management Protocol (SNMP).

With IP networking becoming an ever-increasing part of a broadcast engineer’s environment, there is an opportunity to utilize this legacy IT protocol for our benefit. SNMP is a way to monitor data points and control different functions in remote equipment, using an existing IP network. Much of the latest generation broadcast equipment supports this protocol, and facility control devices are appearing on the market that can incorporate data and control functions obtained via SNMP alongside information and controls that use traditional hardwired inputs and outputs.

The course describes how SNMP works, of the Year Award. “He [Wiely] is one of those engineers that “no” is not part of his vocabulary,” said past Engineer of the Year recipient, Larry Wilkins, CPBE, AMD, CBNT.

Recipients of the award are recognized for making important contributions to the broadcasting industry or the SBE, furthering the goals and objectives of the SBE and are nominated by their peers.

The 2012 James C. Wulliman SBE Educator of the Year Award has been awarded to Wayne Pecena, CPBE, 8-BSV, AMD, DRB, CBNT. This past year, Pecena has volunteered his time sitting on the SBE Education Committee and he has presented at two Ennes workshops,
Contact Comrex today to find out what so many of our customers are enjoying. Whether you are replacing costly satellite or telco with copper cables were finally built out at the site, we tried a pair of BRC-Links out of the box. I had my final configuration within ten minutes of powering up the units. We’re running AAC audio that sounds every bit as good as the circuits to our other sites.”

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The first SBE election of the national board of directors conducted via the Internet is now underway. The web-based candidate information and ballot has been instituted this year to make voting more convenient and secure for members. Because of the streamlined process now in place, the expectation is that the number of members who will cast ballots will increase. Costs to conduct the election will be significantly lower than in previous elections, which were conducted through the mail.

Voting members of the SBE, which include the categories of Member, Senior Member, Fellow, Life, Honorary, and the official representatives of Sustaining Members, are eligible to vote. Balloting began on July 26 when an email notification was sent to voting members. The balloting period lasts through August 28. Members who opted out of electronic voting and those who have not provided a current email address to the society were mailed ballots on July 26. The national SBE Board of Directors consists of 17 members, including four officers, 12 directors and the immediate past president.

All four officers and half of the director seats are up for election each year. Candidates for officers include: President – Ralph Hogan, CPBE, DRB, CBNE; Vice President – Joe Snelson, CPBE, 8-VSB; Secretary – Jim Leifer, CPBE; Treasurer – Jerry Massey, CPBE, 8-VSB, AIND, DRB, CBNT.

One of the benefits provided to members of the SBE is reduced rates on various kinds of insurance products. With a group of more than 5,000 members, reputable insurance companies are able to offer these discounts to our members.

For more information about insurance for your auto and home, call Liberty Mutual at 1 (800) 524-9400 and provide client number 2156434A3. Liberty Mutual is a well known company providing discounted group rates to members of the SBE for auto and home insurance. One of the better known companies is Liberty Mutual. This well known insurance company provides discounted group rates to members of the SBE for auto and home insurance. More than 300 members currently hold policies through this program. Marsh/Seabury & Smith also offer a number of other insurance programs. Some policies may not be available in all states and certain limitations may apply. Policies are underwritten by several well known insurance companies.

Another company that the SBE has partnered with is Seabury & Smith. This member benefit and are now protecting the SBE members cast ballots for national officers and directors

SBE offers discounted insurance program for life, vehicle and home

The Signal is published bimonthly by the Society of Broadcast Engineers, Inc., 1012 North Michigan Street, Suite 150, Indianapolis, IN 46204. Questions or comments regarding editorial content or design should be referred to Barbara Trowbridge at (317) 400-6900 or ktrowbridge@sbe.org. For advertising, contact Debby Herman at aherman@sbe.org. SBE is a proud member of the Society of Broadcast Engineers.

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INSURANCE, page 9

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Strategic planning participants define six challenges and opportunities to submit for board's consideration

The broadcasting industry continues to press forward at an ever-increasing pace. As technology advances, the economy and other factors continue to reshape the broadcasting business and the field of broadcast engineering. The broadcast engineer has had to keep up with the changes in technology, and at the same time, educate themselves and those around them about those changes.

The SBE was formed to support and promote broadcast engineering and has helped build the careers of thousands of engineers working today. Looking ahead, the Society must consider ways to continue its mission. The SBE must take stock of these changes and assess what the society needs to do to help our members continue to progress in their field.

Every five to six years we take time to step back to take a comprehensive look at the approach the society is taking to meet our member's needs. The purpose of the strategic planning meeting is to evaluate the condition of the broadcast engineering profession and determine how the SBE serves the industry. We meet specifically to discuss the future and plot the course of the society. These forums have been extremely helpful in guiding the society in the past, improving member services and being extremely helpful in guiding the society.

The SBE held a special national strategic planning session on Saturday, June 23, 2012, in Indianapolis, Indiana. The meeting ran a full day, from 9 a.m. to 9 p.m. Attending were 56 members and staff from across the country.

There were 15 SBE members representing chapters, 14 directors, five members of the SBE staff and two facilitators participating in the day-long event.

I was especially pleased to see the support that many local chapters made to send their chairperson or other representative. There were a total of 28 different chapters represented by the group. I believe this diversity contributed to a very successful day.

The SBE enlisted the services of a professional independent facilitator team of Charlene Sullivan and Kenneth Harling to lead the group through the strategic planning process. The facilitators helped us recognize and articulate the society’s needs while building a consensus on the best ways to chart the SBE’s course.

The day's agenda started off with the usual introductions. Then John Poray, CAE gave a quick internal scan overview of what has been happening in the SBE over the past three years focusing on membership, revenues, and several other performance metrics. We then moved into “What the SBE does” which measured the importance of current activities against the purposes of the SBE. Once that activity was completed, the group was broken into smaller groups and moved on to “Potential changes in activities based on our strengths and weaknesses.” While everyone was enjoying lunch, our facilitators were crunching the numbers from the morning sessions. The results were presented to the group as charts and spreadsheets before the afternoon sessions began. Breaking again into random small groups we focused upon “How has the environment changed in the past three years: opportunities and threats” and “Potential changes in purposes and activities that addressed the opportunities and threats.” All the while, the Sullivan/Harling team was again totaling the results of activities.

Thanks to Matt (and Olympia)

Sometimes you meet someone that you instantly like because they are so focused and determined (and, well, because they agree with you about something). Matt Hossey is like that. Matt is an engineer by training but a Capitol Hill staff member by profession, currently. He is an impressive young man with a very bright future, as anyone who has met him will verify. Matt works for Senator Olympia Snowe of Maine, who is retiring at the end of this year. Senator Snowe, as you recall, is a good friend to SBE and the sponsors of the FCC Act Bill, S. 690. She is a Senator (and its predecessor in the last session of Congress). While SBE’s officers and Board members have worked very hard during this term of Congress on the House side of the Bill to move H.R.2102, Matt and Senator Snowe have steadily led the charge for us on the Senate side since Senator Warner of Virginia.

With the impending retirement of our great champion Senator Snowe (and since we don’t know where our friend Matt will land next year following her retirement), we would ideally like for some version of the FCC Tech Act to pass this end of the year. While we have had unwavering support from Representative Chell Stearns (R-FL) in trying to move H.R. 2102 on the House Floor as an amendment to another piece of telecom legislation, so far, we haven’t been successful. More on the status of the legislation in a moment.

Matt sent us an email in mid-June to tell us that he was leaving no stone unturned in the effort to boost technical competence at the FCC. Matt said that he had worked hard to get some language included in a report from the Senate Committee on Appropriations (which controls the purse strings) on a 2013 Appropriations Bill, S. 3501. The language that Senator Snowe’s office was able to include in the Senate Committee Report (Reported June 5, 2013) says, “The language that Senator Snowe’s office was able to include in the Senate Committee Report (Reported June 5, 2013) sends a strong message to FCC and to Congress. It reads as follows: Technical Resources- The Committee is concerned with the lack of engineering expertise at the FCC, particularly given that the agency will continue to face more technically complex issues under its jurisdiction such as advanced wireless communications, cyber security, public safety interoperability, and broadband. In addition, FCC officials have acknowledged a shortage of network engineers and that a large number of experienced FCC engineers will be eligible to retire within the next few years. To address this emerging issue, the Committee urges the FCC to try to improve the level of its technical resources and stuffing to be better equipped to address the dynamic increasingly technical landscape of the telecommunications industry and the many issues under its jurisdiction. The Committee believes it is important for the FCC to properly address this lack of technical expertise as it re-evaluates and implements its Strategic Human Capital Plan. In addition, the Committee expects the FCC to update hiring practices as appropriate to attract qualified engineers and to improve improvements to internal initiatives such as the Engineer in Training and the Excellence in Engineering programs to better train and retain FCC technical staff.

This report language may or may not make it through the conference committee of the House and Senate if the Senate Bill gets that far, but it is a sure bet that the FCC Commissioners (including the two new Commissioners) will see this and get the message. This is report language from a very powerful Senate Committee that controls the agencies’ budgets. Good for you, Matt, for getting this through and good for you, Senator Snowe, to whom we are and have been very grateful for these efforts on behalf of broadcast engineers.

Where is the legislation now, though, and what are we doing to move it during the rest of this term? In the House early this year, Rep. Stearns introduced our bill on the House Floor as an amendment to Rep. Walden’s FCC Reform Bill, H.R. 3509. But the amendment was not successful. Our last chance this fall is to put H.R.2102 through the House “on suspension” (i.e. without the usual hearing and report procedure) but to move a bill that way normally requires that the bill have a large number of cosponsors. In an election year, this is not easy, and we only have four cosponsors for the House Bill now.

SBE has some challenges in doing legislative advocacy, so we do the best we can with what we have. SBE is a non-profit, and of course cannot make donations to individual Congresspersons. Nor do we have the numbers of members (i.e. voters) that make Senators and Congresspersons sit up and take notice, unlike, for example, AARP or the NRA. Third, this legislation, though it is just plain common sense and is appealing for reasons that does involve (a) a small increase in FCC (government) staff by up to 5 persons, and (b) a small increase in the FCC’s budget. Some of these factors is popular in the present House of Representatives, no matter how minimal the impact. The Chair of the Communications and Technology Subcommittee of the Energy and Commerce Committee in the House, Greg Walden (R-OR) has not championed our Bill despite his broadcast and Consumer Radio background. To address this, we asked SBE members for Walden’s District in Oregon to send letters to him and other members of Congress and ask that they support amendment of Mr. Walden’s FCC Reform Bill to include H.R. 2102. We delivered a large number of letters to Mr. Walden’s office in...
SBE certifications are based on years of experience in the broadcast engineering field. Broadcast engineers can apply for a certification once they meet the year requirements. An associate degree counts as two years of experience and a bachelor's degree counts as four years of experience. No experience is required for entry level.

YEARS OF EXPERIENCE

ENTRY LEVEL

CTO CRO CBT CBNT

FIVE YEARS

CBTE CBRE CEV CEA CBNE

TEN YEARS

CSTE CSRE

TWENTY+ YEARS

CPBE

SPECIALIST CERTIFICATIONS

Once a five, 10, or 20-year certification is obtained, you may apply for a specialist certification exam.

8-VSB AMD DRB

Life certification is available to those who retire or may also be granted to professional broadcast engineers and senior broadcast engineers who have maintained certification continuously for 20 years and are current members of the SBE upon application.

LISTING CERTIFICATIONS

Broadcast engineers may hold multiple certifications. SBE certifications are listed from highest (most experience required) to lowest.

EXAMPLES:
- Joe Brown, CSRE, AMD, CBNT
- Kevin Jones, CBT, CBNT, CRO
- Heather Cosby, CSTE, CBRE, DRB
- Ray Osmond, CPBE, 8-VSB, AMD, CBNT

Most certifications stand alone, however, some certifications supersede and replace existing certifications.

CBTE replace with CSTE replace with CPBE

CERTIFICATIONS IN PRINT

Certifications may be referred to in various ways in text, including levels or general terms. The colors used with the following general terms correspond with the certifications in the below levels.

GENERAL TERM KEY: operator, technologist, audio engineer, video engineer, senior certification, professional certification, networking technology, broadcast engineer, networking engineer, specialist

OPERATOR LEVEL

Certified Radio Operator® (CRO®)
Certified Television Operator® (CTO®)

TECHNOLOGISTS LEVEL

Certified Broadcast Technologist® (CBT®)

BROADCAST NETWORKING LEVEL

Certified Broadcast Networking Engineer® (CBNE®)

SPECIALIST LEVEL

AM Directional Specialist® (ADR®)
Broadcast Engineers® (BEE®)
Digital Radio Broadcast Specialist® (DRB®)

ENGINEERING LEVEL

Certified Broadcast Technologist® (CBT®)
Certified Audio Engineer® (CEA®)
Certified Broadcast Radio Engineer® (CBRE®)
Certified Broadcast Telecommunications Engineer® (CBTE®)
Certified Broadcast Networking Engineer® (CBNE®)
Certified Senior Radio Engineer® (CSRE®)
Certified Senior Television Engineer™ (CSTE®)
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LIFE CERTIFICATION

AUGUST 2012

THE signal

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Kevin Jones, CBT, CBNT, CRO
Joe Brown, CSRE, AMD, CBNT

Certified Broadcast Networking Engineer™ (CBNE™)
Certified Broadcast Networking Technologist® (CBNT®)

BROADCAST NETWORKING LEVEL

Certified Broadcast Technologist® (CBT®)

TECHNOLOGISTS LEVEL

Certified Broadcast Engineer may hold multiple certifications. SBE certifications are listed from highest (most experience required) to lowest.

SBE certifications are based on years of experience in the broadcast engineering field. Broadcast engineers can apply for a certification once they meet the year requirements. An associate degree counts as two years of experience and a bachelor's degree counts as four years of experience. No experience is required for entry level.

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Certified Senior Radio Engineer® (CSRE®)
Certified Senior Television Engineer™ (CSTE®)
Certified Professional Broadcast Engineer® (CPBE®)

LIFE CERTIFICATION

AUGUST 2012
Chapter 48, Denver, presents Engineer’s Boot Camp at 2012 SBE National Meeting on October 24

When the Society of Broadcast Engineers takes its national meeting to Denver in October, one of the many activities that those attending will have the opportunity to take part in is the Engineer’s Boot Camp, presented by SBE Chapter 48 of Denver on October 24.

Chapter 48, which operates jointly with the Rocky Mountain Section of SMPTE, has presented a special day of technical sessions for broadcast engineers in the fall for a number of years. Each year a particular topic or theme is chosen. This year, it will be “Back to the Basics” and will include topics such as, an audio primer, fundamentals of project management and reliability engineering.

Tony Roccaconta, who serves as the SBE chapter chairman, and Jim Schoedler, CBNT, who is the SMPTE section chair, work together along with their joint board, to develop and present program ideas. Schoedler is also a member of the SBE and a past chairman of Chapter 48.

Schoedler said, “The idea behind these presentations is to give those entering the broadcast industry, and perhaps some who’ve been in it for a while, some of the background that isn’t often presented these days.”

The Engineer’s Boot Camp, as part of this year’s SBE National Meeting host event, the Rocky Mountain Audio/Video Expo (AVX), is free to attend. Pre-registration is encouraged and can be made at the show website, AVXPO. bi, beginning in mid-August.

The AVX will take place October 23-24 with exhibit hours both days. More than 100 exhibitors are expected that will cover the fields of broadcast, video, audio, animation and more. The AVX includes a number of keynote speakers, workshops and a free reception on Tuesday, October 23. The location is the Crowne Plaza Denver International Airport, which is conveniently located on Denver’s east side near Interstate 70.

The SBE National Meeting will begin on October 23 with meetings of the SBE board and committees. On October 24, the schedule will include the annual SBE Fellows Breakfast, Membership Meeting, and the SBE National Awards Reception and Dinner. This year’s dinner is sponsored by The Telos Alliance. The membership meeting will be streamed live via the Internet to members of the SBE around the world. Tickets to the reception and dinner are $15 and can be ordered when registering for the AVX.

Ballots from page 3

Candidates for directors include (top six vote getters will be elected)

Tim Anderson, CPBE, DRB, CBNT
Andrea Cummins, CBT, CTO
Steve Kuntzler, CBT
Ark Harnack, CBRE
John Heinmiller, CPBE
Gary Kline, CBT, CBNT
Scott Mason, CPBE, CBNT
Wayne Pecena, CPBE, SVSR, AMD, DRB, CBNT

Complete information about each candidate is available on the SBE website and on the dedicated election page, which can be accessed through the unique email sent to voting members on July 26. Those voting via the Internet who did not receive the special election announcement by July 26, and those voting by mail, who have not received a ballot by August 6, are asked to contact Scott Jones at the SBE National Office at (517) 846-9000 or kjones@sbe.org.

All ballots, via the Internet or by mail, must be cast by 4:30 p.m. EDT on Tuesday, August 28. Those mailing their ballots should allow at least five days for delivery to the SBE so that they arrive no later than August 28. Those outside the United States should allow two weeks for delivery.

The election will be verified by the official board of tellers, consisting of members of Chapter 25 of Indianapolis. Candidates are notified the following day of the results. Those elected will take office at the SBE National Meeting on October 24, in Denver, Colo.

At no page 1

including the structure and types of SNMP messages, how they are transported over the network, and how they can be used to monitor and control remote equipment. Students will learn about the data that the distant equipment might return, and how best to integrate that into an overall facility control plan. Also covered are the types of equipment that support SNMP communications, as well as using the protocol for site-to-site communications.

This course is being offered to members of the SBE for a special price of $65 through September 1, and then will revert to $85. The cost for non-members is $110. To enroll, visit the Education section on sbe.org.

Awards from page 3

lead an SBE webinar and has presented a highly received presentation at NAB about Managing IT. It went beyond networking basics to cover how broadcast engineers can learn and evaluate if their skills are adequate and in what direction they needed to develop, as well as managing IT projects and identifying engineers and service providers in the IT realm. Pecena is also currently working on a series of webinars that will highlight areas of the new Certified Broadcast Networking Engineer Exam.

When speaking of Pecena, past Educator of the Year recipient Fred Baumgartner, CPBE, CBNT, said, “Few SBE members have committed such a high percentage of their time to the education of others.”

Orban will be awarded the SBE Technology Award for their free RS-770-2R 128 and CBS Loudness Meter. It is available for Windows or Mac and includes a complete suite of measurements including Momentary, Short-Term and Integrated Loudness as well as many other features. This free software is free to end users and can be accessed at: www.orban.com/meter.

Doug Irwin, CPBE, AMD, DRB, has won the award for Best Technical Article for his December 2011 Radio magazine article “Ethernet-based Audio Routing: A how-to guide”. The article is available online at: http://audioengineeringmagazine.com/studio_audio/routers/ethernet-based_audio_routing_1211.pdf.

Chapter 15, New York City, will be recognized for the newly added Best Social Media Site and for the Best Frequency Coordination Effort. Chapter 24, Madison, Wis., will receive three awards, Best Regional Convention, Best Chapter Newsletter and Best Chapter Website.

The SBE statistical awards recognize two chapters, based on chapter enrollment. Class A represents chapters whose membership is less than the national median. Class B includes chapters with a membership greater than the national median. Awards will be presented during the National Awards Recognition Ceremony 2012.

The SBE National Meeting will take place at the Crowne Plaza International Airport Hotel in Denver, Colo. The meeting is scheduled to take place in conjunction with the Rocky Mountain Audio/Video Expo and the Engineer’s Boot Camp, presented by SBE Chapter 48 of Denver and the Rocky Mountain Section of SMPTE. Photo courtesy of Visit Denver.

AUGUST 2012

Read online at www.sbe.org

THE signal

Accredited SBE Frequency Coordinators

The Society of Broadcast Engineers began the Accreditation program to provide volunteer SBE coordinators the opportunity to be recognized as part of a standards-based, nationally recognized program of local voluntary non-standards-based frequency coordinators. The program also makes it possible for the SBE to demonstrate to the broadcasting industry the widespread acceptance of a voluntary set of standards guiding local coordinators.

Recently Accredited

David Fortenberry of West Sacramento, Calif. Chapter 43, <1 GHz

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SBE introduces new online project management courses

SBE introduces new online project management courses

Project management represents a vital skill set within any successful organization. Without thoughtful planning, execution and monitoring of projects, organizations will lose business to those that effectively manage their projects.

Project management has become a rapidly growing career field. Qualified project managers are highly desired and can be well rewarded for their work. If you want to strengthen your position within the broadcast engineering industry, obtaining PMP® certification can elevate your status and allow you easy access to positions that exceed non-credentialed project managers.

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To view a demonstration and for registration information visit: http://www.sbe.org/sections/ProjectMgmtCourses.php.

Focus on SBE

Election and strategic planning are vital to society’s future

If you are a member of the SBE who resides in the United States, the ubiquitous advertisements and news stories on broadcast stations around the country remind us that this is a presidential election year. I hope all of you will exercise your right and cast your vote in November. It’s not only your right, but a privilege and responsibility that we should not take for granted.

Likewise, your membership in the SBE provides you with the right, privilege and responsibility to participate in the selection of your professional society’s national board of directors. The annual election of the board is now underway. A number of members have stepped up, as members have for more than 48 years, to volunteer their leadership and experience to lead the SBE.

It doesn’t matter that there is only one candidate for each of the four officer positions. Each of the candidates needs your support as they go forward. They have been vetted by the nominations committee and all four have served with distinction on the board and as officers.

For the six director seats that are being contested, eight candidates are vying for your vote. Some are incumbents and others are running for the national board for the first time. They each bring a unique perspective of the business, experience and a dedication to serve that deserves our appreciation and respect. Support them and support your professional association by casting your vote by August 28. You can do that online via the new SBE election website or, if you opted out of electronic voting, by completing and mailing the paper ballot to the national office.

Perhaps without as much fanfare, but with the same importance, officer candidates at many local chapters of the SBE are standing for election. These men and women deserve your support. You can demonstrate that by offering to assist. Even the smallest task is a valuable help towards building an effective and successful chapter. And if the opportunity to purchase or your chapter as an officer or member of its governing board comes your way, hope you will consider it carefully.

Strategic Planning Conference

SBE President Ralph Hogan, discusses the strategic planning conference on page four, which was held on June 23 in Indianapolis. This was an important day in the life of the SBE. The recommendations that resulted from the work that day came collectively from the 50 members and staff who participated. Many thanks go to the chapters that supported this important effort by covering the travel and lodging costs for their chapter chairman or designated representative. Without this support, many of them would not have been able to make the trip.

The most frequent violations of FCC rules and regulations is (are):

A. Incomplete public file records
B. Unsafe transmission line/tower fence
C. EAS transmissions and equipment
D. All of the above

Certification Question

Answers on page 15

Lodging costs for their chapter chairman and support your professional society’s national board of directors. The annual election of the board is now underway. A number of members have stepped up, as members have for more than 48 years, to volunteer their leadership and experience to lead the SBE.

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For the six director seats that are being contested, eight candidates are vying for your vote. Some are incumbents and others are running for the national board for the first time. They each bring a unique perspective of the business, experience and a dedication to serve that deserves our appreciation and respect. Support them and support your professional association by casting your vote by August 28. You can do that online via the new SBE election website or, if you opted out of electronic voting, by completing and mailing the paper ballot to the national office.

Perhaps without as much fanfare, but with the same importance, officer candidates at many local chapters of the SBE are standing for election. These men and women deserve your support. You can demonstrate that by offering to assist. Even the smallest task is a valuable help towards building an effective and successful chapter. And if the opportunity to purchase or your chapter as an officer or member of its governing board comes your way, hope you will consider it carefully.

Strategic Planning Conference

SBE President Ralph Hogan, discusses the strategic planning conference on page four, which was held on June 23 in Indianapolis. This was an important day in the life of the SBE. The recommendations that resulted from the work that day came collectively from the 50 members and staff who participated. Many thanks go to the chapters that supported this important effort by covering the travel and lodging costs for their chapter chairman or designated representative. Without this support, many of them would not have been able to make the trip.

The most frequent violations of FCC rules and regulations is (are):

A. Incomplete public file records
B. Unsafe transmission line/tower fence
C. EAS transmissions and equipment
D. All of the above

Certification Question

Answers on page 15

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SBE awardees for members supporting during 2012 Member Drive

Fifty-seven current members of the SBE are SBE awards members for recruiting during 2012 Member Drive.

- Mark Heller, CPBE, CTO (two)
- John Arndt, CPBE, AMD, DRB, CBNT
- James Alexander, CPBE, CBNT
- Thomas McGinley, CPBE, AMD, CBNT
- Gary Kline, CBT, CBNT
- Aaron Savage, CBT of Chapter 53 in Hawaii

Aaron Savage, CBT of Chapter 53 in Hawaii to Grand Prize Winner: Savage won a trip to the SBE National Meeting in Denver, Colo. October 26-28.

Stanley Mancari, CBT

Canvas tool bag courtesy of Middle Atlantic Products

Stephen Brown

Directional antennas made simple – by Layton, CBT courtesy of Layton Technical Services

Gary Kline, CBT, CBNT


Conor Miller

"The Tab Guide to Vacuum Tube Audio" by Layton Technical Services

Support the companies who support the SBE and the industry.
professional gatherings are numerous. and STE (Society of Television Engineers) have many members who are in the television California SECC vice chair and Lark Hadley, we had a meeting with Richard Rudman, our meetings. Sometimes we have attendance of SBE members in Los Angeles, currently radio chapter here. We have a large number was formed in the late 70’s. We are mostly a Chapter 47 is SBE in Los Angeles. Our Chapter
by a set of switches on the front. An engineering nightmare!
carrousel of cart tapes in the middle and programmed 20 foot long, with reel-to-reel tape decks, and
what it was like. It was six foot high and about automation system, I don’t remember the
tables, cart machines, and oh yeah the	to the radio station, I was hooked, turn
certifications in this manner. We earmark a reimbursement for test costs and CertPreview. aid classes, etc. We also announce at each
we had a common photography hobby.
Sphere of Influence:
I joined the SBE mainly for the certifications, I
of Chapter 30, South Bend, is a
Focal Point:
engineers and learn from their experiences.
and show that I did know something about radio and TV. Also have a place to talk to other
and so he left it out.

SBE or ATSC members $95; non-members $150
Atlanta, Ga.
Los Angeles, Calif.
February 8-18, 2013
BROADCAST AND TECHNOLOGY EXPO
Victory, New York October 16
Hosted by Chapter 22
2012 SBE NATIONAL MEETING

In conjunction with the - Rocky
Toolbox Audio Visual Expo and SBE
SNPTE Boot Camp
Denver, Colo. October 25-24
Hosted by Chapter 48

MARK YOUR CALENDAR
CERTIFICATION EXAM SCHEDULE
Dates Location Application Deadline
Nov. 2-10, 2012
Local Chapters
Sept. 14
Feb. 8-18, 2013
Local Chapters
Dec. 31, 2012

PREPARE FOR YOUR CERTIFICATION EXAM TODAY!

www.sbe.org/sections/CertPreview.php

Chapter 47 attracts members with real-time technical presentations

Chapter 47 is SBE in Los Angeles. Our Chapter was formed in the late ‘70s. We are a mostly a radio chapter here. We have a large number of SBE members in Los Angeles, currently over 200, but only about 10-15% come to our meetings. Sometimes we have attendance of over 50 folks in attendance. In Los Angeles, we have many members who are in the television industry, who are also members of SMPTE and STE (Society of Television Engineers) and AES among others. So their choices for professional gatherings are numerous.

Chapter 47 holds a few meetings with various vendors. In the last year, we had meetings with representatives from SAS, BGS, Telene, Swita Media, Bob Orban spoke on TV Loudness and the CALM Act, Comrex, Nautil and several EAS meetings with Richard Rudman. We attempt to have our representatives bring discussions of their technology and how it is now and provides better solutions for problems.

We meet alternating months for lunch and then refreshments at the Holiday Inn in Burbank, our meeting home for many years now. Chapter 47 also promotes educational opportunities to our market. Although challenging, we are looking forward to a future Eenss Workshop and possibly an AM Antenna Seminar. We also promote safety training for our members by keeping them notified of first certification. We also promote safety training for members by keeping them notified of first

Thanks from page 5
February, I met with his staff after that. However, Mr. Walden believed that he had enough votes to pass his bill without our being included, and so he left it out.

Since the NAB convention this year, I have hand-delivered almost 100 additional letters to House Members in support of HR.212. Report. Stearns’ office continues to support passage of the House Bill “on suspension.” Maybe this will work, but if not, we still need to start from scratch in January of 2013. SBE officers and board members are planning another visit to Capitol Hill in late July to continue to push the Bill. But however it goes, taking a lesson from Matt Hussey, we won’t be giving up the effort. We will just find another way to win.