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Boswell, Pecena win SBE National Awards

Chapters are the lifeblood of the SBE. A good chapter succeeds when they produce meetings that contain relevant and interesting information their members want to know. Chapter chairmen are primarily responsible for gathering interesting and informative content for their chapter meetings. Chapter Chairman Wiely Boswell, CBRE of Chapter 118 in Montgomery, Alabama has done that, and done it well.

In the last five years that he has been the chairman, Boswell has scheduled and produced great programs from various vendors and engineers. By doing this he has kept the meetings continuously well attended and interesting. This year Boswell has been awarded the Robert W. Flanders SBE Engineer 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



left Wiely Boswell is the recepient of the Robert W. Flanders SBE Engineer of the Year Award. Boswell is the chairman of Chapter 118 in Montgomery, Alabama. right The recepient of the James C. Wulliman SBE Educator of the Year Award is Wayne Pecena. The awards will be presented on October 24, 2012 in Denver. Colo.

of the Year Award has been awarded to Wayne Pecena, CPBE, 8-VSB, 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,

AWARDS, page 9

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 everincreasing 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,

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"We use BRIC-Links for our main STL on 107.7 FM, one of the satellite stations for WTOP, with very good results. I was pleasantly surprised at just how easy it is to set up a pair of BRIC-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 transmitter sites.

We had been struggling for about a year to find a reliable audio STL to our transmitter site on top of a mountain in Warrenton, VA. The telco lines degraded every time it rained, causing dropouts in our T1 and ISDN service. This summer, when services that did not rely on the leaky copper cables were finally built out at the site, we tried a pair of BRIC-Links on our new broadband Internet service. We've kept our transmitter on them ever since. We're going to be purchasing more pairs of these units to feed audio to our other sites."

David Kolesar, Senior Broadcast Engineer Bonneville International Corporation WTOP / WFED, Washington, DC

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SBE members cast ballots for national officers and directors

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 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, AMD, DRB, CBNT

BALLOTS, page 8

SBE offers discounted insurance program for life, vehicle and home

One of the benefits provided to members of the SBE is discounted 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 than 40 years, the SBE has partnered with Marsh/Seabury & Smith for a group term life insurance product for members. More than 300 members currently hold policies through this program. Marsh/Seabury & Smith also offer a number of other insurance policies to our members, including Group 10-Year Level Life Insurance, Disability Income Insurance, Group High-Limit Accident Insurance, Medicare Supplement Insurance, Catastrophe Major Medical Insurance, Cancer Expense Insurance and Dental Insurance.

Members of SBE may call Marsh/Seabury & Smith at 1 (800) 424-9883, which serves as a third party administrator, to get more information and to apply for any of the 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 in recent years is Liberty Mutual. This well known company provides discounted group rates to members of the SBE for auto and home owner insurance. A growing number of members are taking advantage of

this member benefit and are now protecting their vehicles and home with coverage through Liberty Mutual, and at a savings from their previous carrier.

For more information about insurance for your auto and home, call Liberty Mutual at 1 (800) 524-9400 and provide client number

INSURANCE, page 9



AUGUST 2012 3



LETTER FROM THE PRESIDENT

by Ralph Hogan, CPBE, DRB, CBNE SBE President rhogan@kizz.org

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 or 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 focusing the energy of the organization toward specific goals.

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 36 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



Members of the SBE and the national staff gather in Indianapolis, Ind. for the SBE Strategic Planning Meeting. This was the fist strategic planning meeting held by the society since the 2006 meeting in Kansas City, Mo.

professional independent facilitator team of Charlene Sullivan and Kenneth Harling to lead the group through the strategic planning process. The facilitators helped us to 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 small 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.

PLANNING, page 10



Thanks to Matt (and Olympia)

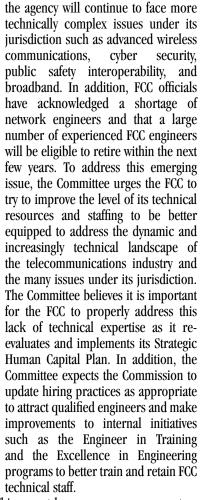
Sometimes you meet someone that you instantly like because they are so focused and determined (and, well, because they agree with you about something). Matt Hussey is like that. Matt is an engineer by training but a Capitol Hill Senate staff member by profession, currently. He is an impressive young 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 sponsor of our FCC Tech Act Bill, S. 611 in the Senate (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 Hill to move H.R.2102. Matt and Senator Snowe have steadfastly led the charge for us on the Senate side, along with 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 term, before the end of this year. While we have had unwavering support from Representative Cliff 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. 3301. The language that Senator Snowe's office was able to include in the Senate Committee Report (Report 112-177 concerning the Financial Services and General Government Appropriations Bill, 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



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

LEGAL PERSPECTIVE

by Chris Imlay, CBT SBE General Counsel cimlay@sbe.org

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. 3309. But the amendment was not successful. Our last chance this fall is to get 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.

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 that reason, 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. Neither of these factors is popular in the present House of Representatives, no matter how minimal the impact. The Chairman 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 Amateur Radio) background. To address this, we asked SBE members in Mr. 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

THANKS, page 15



20140 Scholar Dr. + Suite 214 + Hagerstown, MD 21742

MEMBERS ON THE MOVE

Jack Roland, CBRE, AMD, CBNT is the new Denver based engineer for the Colorado KLove facilities.

Andrea Cummis, CBT, CTO is the new senior director of engineering and operations at WNET in New York, New York.

Scott Clifton is now the chief engineer at Cumulus Media Chicago (WLS Radio).

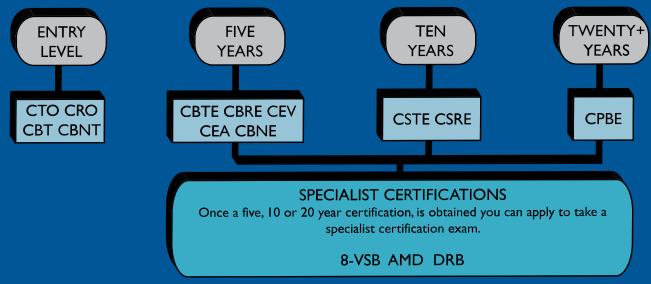
THE signal AUGUST 2012

WHAT YOU NEED TO KNOW ABOUT SBE CERTIFICATIONS

The SBE certification program is the only professional recognition available to broadcast engineers, which provides standards of professional competence. It is the primary method of verifying the attainment of educational standards in the industry.

YEARS OF EXPERIENCE

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.



Life certification is available to those who are retired 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. Specialist certifications are listed after their corresponding category certification.

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 CBRE replace with → CSRE replace with → CPBE CBNT replace with → CBNE

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

SPECIALIST LEVEL

8-VSB SpecialistTM (8-VSBTM) AM Directional Specialist™ (AMD™) Digital Radio Broadcast Specialist™ (DRB™)

Certified Broadcast Technologist® (CBT®) Certified Audio Engineer® (CEA®) Certified Video Engineer® (CEV®) Certified Broadcast Radio Engineer™ (CBRE®)

ENGINEERING LEVEL

Certified Broadcast Television Engineer™ (CBTE®) Certified Broadcast Networking Engineer™ (CBNE™)

Certified Senior Radio Engineer™ (CSRE®) Certified Senior Television Engineer™ (CSTE®)

Certified Professional Broadcast Engineer® (CPBE®)

New SBE Certification Achievements

CONGRATULATIONS

LIFE CERTIFICATION

Current CPBE and Certified Senior Broadcast Engineer members who have maintained the SBE certification continuously for 20 years may be granted Life Certification if so requested. All certified who have retired from regular full-time employment may be granted Life Certification if they so request. If approved, the person will continue in his/her current level of certification for life. Certified Broadcast Networking Technologist® (CBNT) Certified Broadcast Technologist® (CBTTM)

AM Directional Specialist (AMD) Certified Daniel Janetzke Pasadena Calif - Chapter 47 Broadcast Television Engineer™ (CBTE®) 8-VSB

Certified Broadcast Television EngineerTM (CBTE®) Erick Steinberg, Mill Valley, Calif. – Chapter 40 Gary Hetler, Converse, Texas - Chapter 69

Gary Hetler Converse Texas - Chanter 69 Rick Mann, Florence, Ala. - Chapter 68 Erick Steinberg, Mill Valley, Calif. - Chapter 40 Iav Gerber, Warrington, Pa. – Chapter 18

NEWLY CERTIFIED CPBE

Applicant must have had 20 years of professional broadcast engineering or related technologies experience in radio and/or television. The candidate must be currently certified on the Certified Senior Broadcast Engineer level. fied Professional Broadcast Engineer (CPBE) Robert Nelson, Emporia, Kan. – Chapter 3 Gary Pearcey, Sr., Stone Mountain, Ga. - Chapter 5

NAB SHOW EXAMS

Certified Senior Television EngineerTM (CSTE®) William Soreth, Cockeysville, Md. - Chapter 46

Certified Senior Radio Engineer™ (CSRE®) James Gay, Macon, Ga. - Chapter 5 Ornette Crossley, Los Angeles, Calif. - Chapter 47 Gordon Larson, Jr., Eugene, Ore. – Chapter 76 Michael Saffell, Milford, N.H. – Chapter 110 Jimin Kwon, Las Vegas, Nev. - Chapter 128

Certified Video Engineer® (CEV) Jeffrey Hartman, Amarillo, Texas - Chapter 67 Thomas McGinley, Seattle, Wash. - Chapter 16

Digital Radio Broadcast SpecialistTM (DRBTM) Joseph Huk, Adrian, Mich. – Chapter 82

Certified Broadcast Networking Technologist® (CBNI John Cleary, Rome, Ga. - Chapter 5

Certified Broadcast Technologist (CBT) Derek Murphey, Fitchburg, Wis. - Chapter 24 Ryan Wormald, Tustin, Calif. - Chapter 47

Certified Television Operator® (CTO) Marvin Alvarado, Baldwin Park, Calif. Kate Barco, Medina, Ohio Jean Pierre Faro, Miami, Fla. Paul Skurzewski, Las Vegas, Nev.

Steve Graham, Powder Springs, Ga. - Chapter 5

JUNE EXAMS

Certified Senior Television Engineer (CSTE) Donald Peters, Pullman, Wash. - Chapter 117

Certified Senior Radio Engineer (CSRE) Eric Morris, Westville, Okla. – Chapter 56

Certified Broadcast Radio Engineer (CBRE) Ali Abdul-Sater, Beaverton, Ore. - Chapter 124 Mark Dubosky, Wake Forest, N. C.

Certified Broadcast Radio Engineer™ (CBRE®)

Certified Broadcast Television Engineer (CBTE) Michael Cathey, Bono, Ark. - Chapter 55 Jesse Janosky, Arlington, Va. - Chapter 37 Douglas Smith, Pleasant View, Tenn. - Chapter 103

Certified Broadcast Television Engineer (CBTE)

Luke Howell, Denver, Colo. - Chapter 48

AM Directional Specialist (AMD) Michael Tosch, Thousand Oaks, Calif. - Chapter 47

8-VSB SpecialistTM (8-VSBTM) Arthur Lee Clardy, III. Lafavette, La. – Chapter 72

Kirk Harnack, Nashville, Tenn. - Chapter 103

Certified Broadcast Networking Technologist (CBNT) Certified Broadcast Technologist (CBT) Jaime Davila, Woodbridge, Va. – Chapter 37 Russell Meadors, Normal, Ill. - Chapter 49 Mark Watson, Fallbrook, Calif. - Chapter 79 Brett Erieg, Key West, Fla. – Chapter 53 Grant McGilvray, Denver, Colo. - Chapter 48 Mark Pridgeon, Osceola, Ind. - Chapter 30 Certified Radio Operator® (CRO)

Wanda Wood, Castalian Springs, Tenn. - Chapter Sara Brown, Anaheim, Calif. - Chapter 47 Rvan Wormald, Tustin, Calif. - Chapter 47 Certified Television Operator (CTO) Mina Zaki, San Diego, Calif. – Chapter 36

Certified Broadcast Networking Technologist (CBNT) Rodney Freed, Martin, Tenn.- Chapter 103

Gus Polly, Rockford, Ill. - Chapter 26

SPECIAL PROCTORED

COURSE COMPLETION

Certified Broadcast Technologist (CBT)

SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY David Alcock, Calgary, Canada Cody Hanson, Napa, Calif. - Chapter 40 Zachary Fawcett, Calgary, Cananda

Richard Furgason, Calgary, Canada

Gregory Beveridge, Thornton, Colo. - Chapter 48

John Bradshaw, Shepherdsville, Kv. - Chapter 35

Youngmin Kim, Calgary, Canada Herrick Liu, Calgary, Canada Hiroyuki Maki, Calgary, Canada Nathan McKenzie, Calgary, Canada

Phillip Lanier, Rome, Ga. - Chapter

William Elliott, Jr., Homestead, Fla. - Chapter 39

Michael Pozzobon, Calgary, Canada Kuylen Senger, Calgary, Canada Joel Wawro, Calgary, Canada Pauline Zirrie, Calgary, Canada

CERTIFIED BY LICENSE

CERTIFIED RADIO

OPERATOR

Mark Allen, Whitney, Texas - Chapter 67

Carlos Delgado, Los Angeles, Calif. Logan Moy, Los Alamitos, Calif.

ied Broadcast Technologist (CBT)

Robert Palacios Las Cruces N.M. Johnny Story, Canyon, Texas Adam Sturgill, Wise, Va.

Charles Nunley, Los Angeles, Calif

ITHACA COLLEGE Peter Blanchard, Ithaca, N.Y.

PASADENA CITY COLLEGE Matthew Contreras, Monterey Park, Calif. Brian Day Pasadena Calif Gina Harris, Pasadena, Calif. Christina Kalfayan, Sunland, Calif. Melinda Lockhart, Tujunga, Calif

Jennifer Brooke Peterson, Pasadena, Calif. Timothy Sargent, Pasadena, Calif. Jaimie Xie La Puente Calif

Mina Zaki, San Diego, Calif. - Chapter 36

CERTIFIED TELEVISION OPERATOR

Gerald Hill Anchorage Alaska Gary Malsberger, Portland, Ore. Bush Houston, Anchorage, Alaska Gary Kelley, Wichita, Kan Duane Kolensky Orlando Fla

Wilson Middleton, Anchorage, Alaska Gordon Moore, Bronx, N.Y. Dan Prom, Big Lake, Minr Lewis Tenzer, White Plains, N.Y. - Chapter 15 Jacob Workman, Portales, N.M.

ENCOMPASS DIGITAL MEDIA Michael duBois, Glendale, Calif. Josh Johnson, Los Angles, Calif Javier Morena, Glendale, Calif. Patrick Perez, Los Angeles, Calif. Jason Waterhouse, Los Angeles, Calif.

RECERTIFICATION

The following completed the recertification process by re-examination, point verification through local chapters and national Certification Committee approval and/or met the service requirement. Dale Vennes, Tulsa, Okla. - Chapter 56

William Burckhard, Billings, Mont. - Chapter 6 John Huntley, Rockford, Ill. - Chapter 96 Jack Layton, McMurray, Pa. – Chapter 20 James Leifer, Boynton Beach, Fla. – Chapter 53 John Marshall, Milford, Ohio - Chapter 33 George Molnar, Ir., South Bend, Ind. - Chapter 30

Certified Senior Radio Engineer (CSRE) AM Directional Specialist (AMD) Digital Radio Broadcast Specialist (DRR) Alan Lane, Cornelius, N.C. - Chapter 45

Certified Senior Television Engineer (CSTE) Juan Antonio Gonzalez, Miami, Fla. – Chapter 53 Michael Hoffman, Hermosa Beach, Calif. - Chapter 47

Michael McNamara, Boston, Mass. - Chapter 11 Ronald Rockrohr, Lenexa, Kan. – Chapter 59 Eddie Simone, Phoenix, Ariz. - Chapter 9

Certified Video Engineer® (CEV®) Vincent Lopez, Syracuse, N.Y. - Chapter 22

Ron Bartlebaugh, Kent, Ohio – Chapter 70 Sanford Boyd, Andalusia, Ala. - Chapter 118 Zachary Brockett, Grand Terrace, Calif. - Chapter 131 Robert Kelley, Ir. - Tamuning, Guam - Chapter 126 David Kolesar, College Park, Md. - Chapter 37 Donald Lamy, Cooper City, Fla. - Chapter 53 Vincent Lopez, Syracuse, N.Y. - Chapter 22

Certified Broadcast Technologist (CBT)

Steven Beitzel, Trenton, Ohio - Chapter 33 William Davis, Westerville, Ohio – Chapter 52 Jerry Dowd, Matthews, N.C. - Chapter 45 David Ford, Penticton, British Columbia, Canada Clinton Hooper, Madison, Tenn. - Chapter 103 Christopher Imlay, Silver Spring, Md. - Chapter 37 Matthew Jones, Champaign, Ill. - Chapter 49 Robert Kelley, Jr. - Tamuning, Guam - Chapter 126 John Kemps, Napa, Calif. – Chapter 40 David Kolesar, College Park, Md. - Chapter 37 Steven Levens, Prwr Lake, Minn. – Chapter 17 Arthur Mistretta, Moreno Valley, Calif. - Chapter 131 Michael Ostlund, Bloomington, Minn. - Chapter 17

Robert Peacock, Akron, Ohio - Chapter 70 Carlo Tamayo, Huntley, Ill. - Chapter 26 Richard Van de Wall, Ithaca, N.Y. - Chapter 140 Billy Volek, Sioux Falls, S.D.

Certified Television Operator (CTO) Channu Kelley, Grand Rapids, Mich. Curtis Kirk, Tyler, Texas - Chapter 67 Gabriel Ortega, Roseville, CA - Chapter 43 Sasa Petrovic, Grand Rapids, Mich Iosian Rodriguez, Phoenix, Ariz. Roderick Toombs Atlanta Ga Esseline Woody, Richmond, Va. Wendy Young, Grand Rapids, Mich.

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, 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 Roccanova, 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. biz, 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

BALLOTS from page 3

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

Tim Anderson, CPBE, DRB, CBNT
Andrea Cummis, CBT, CTO
Steve Fluker, CBT
Kirk Harnack, CBRE
John Heimerl, CPBE
Gary Kline, CBT, CBNT
Scott Mason, CPBE, CBNT
Wayne Pecena, CPBE, 8-VSB, 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



The 2012 SBE National Meeting takes 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 Bootcamp, presented by SBE Chapter 48 of Denver and the Rocky Mountain Section of SMPTE. Photo courtesy of Visit Denver.

fields of broadcast, video, audio, animation and more. The AVX includes a number of keynote speakers, workshops and a free reception on Tuesday evening, 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

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 (317) 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.

includes 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.

COURSE from 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 \$105. To enroll, visit the Education section on sbe.org.

AWARDS from page 1

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 employees 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 BS.1770-2/R 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://radiomagonline.com/studio_audio/routers/ethernet-based_audio_routing_1211/

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. All awards will be presented during the National Awards Recognition



left Chuck Kelly accept the 2011 Technology Awar on behalf of Nautel. Th company was awarded by th SBE for their Advanced Use Interface (AUI) and associate productivity technologies.

elow 2011 individual and napter national award inners pause for a photo uring the annual SBE National wards Dinner. The 2011 nner and reception was held the Crowne Plaza Hotel in blumbus, Ohio.



Dinner and Reception on October 23 at the SBE National Meeting in Denver.

Chapter Awards

Greatest Growth in New Members Award

- A Chapter 146, U.S. Virgin Islands
- B Chapter 35, Kentucky
- Most Certified Chapter Award
- A Chapter 96, Rockford, Ill. tie
- A Chapter 118, Montgomery, Ala. tie
- B Chapter 24, Madison, Wis. tie
- B Chapter 131, Inland Empire, Calif. tie Highest Member Attendance Award
- A Chapter 136, Rio Grande Valley tie
- A Chapter 145, Magic Valley, Idaho tie
- B Chapter 76, Eugene, Ore.

INSURANCE from page 3

111410. Or, go to LibertyMutual.com/SBE. You can also visit your local Liberty Mutual agent and get the same SBE member discount offer. Discounts may vary by state and each policy is individually underwritten.

Members will be pleased to know that the SBE receives financial support from both Liberty Mutual and Marsh/Seabury & Smith for allowing them to offer these insurance programs to our members. When your next renewal time comes around, consider these companies and their discount programs for your insurance needs.

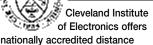
ACCREDITED SBE FREQUENCY COORDINATORS

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 broadcast-auxiliary 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 coordination.

RECENTLY ACCREDITED

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

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THE signal AUGUST 2012



EDUCATION UPDATE

by Gary Kline, CBT, CBNT SBE Education Chairman gary.kline@cumulus.com

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 to earn a salary that exceeds noncredentialed project managers.

Perhaps you already recognize the computer with internet access. importance of PMP® Certification, but struggle to find the time to schedule classroom training.

Late in the afternoon, the group with the

help of the facilitators consolidated all the

proposed changes requiring action. With that action completed the participants broke for dinner while the facilitators were totaling the

After dinner, the facilitators presented a

list of 12 items identified during the day. Six

of which were things that we are doing well

and six that present areas of opportunity and challenges. The group decided on the

six areas of opportunity and challenges that

should receive top priority and be forwarded

They include programmatic efforts, such as increasing support to chapters, a reinvigorated effort to attract youth to our field

and revamping our awards program to involve

to the board for consideration.

PLANNING from page 4

day's numbers.

more people.

Realizing the need for more convenient, high quality training options, the SBE has partnered with MindEdge, a Global Registered Education Provider with the Project Management Institute, to offer convenient and affordable online project management courses directly from our website. In addition, members of the SBE receive a ten percent discount off the listing price of each course.

This online learning program is a simple way to prepare for the PMP® Exam and can easily fit into an already busy schedule. Courses are completely web-based, in self-study format and available anytime and anywhere from a

Each course integrates text, graphics, interactive exercises, videos, practice exams,

web references, readings and more to help learners quickly retain lessons. An "Ask the Expert" feature also provides on-going support, allowing you to ask questions about course content and receive an answer from a subject matter expert within 24 hours.

Participants successfully completing the PMP Exam Prep course earn 35 Professional Development Units and are well prepared for the PMP® certification exam. Or, if you already have your PMP® certification, select from many other online courses and simulations to earn 3.5-25 PDU's to maintain vour certification.

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

Members of the SBE, David Preister, CPBE; Tom Schuessler, CSTE; Mike Tosch, CSRE, AMD, CBNT; Todd Boettcher, CPBE; and Gary Stigall, CPBE listen as Charlene Sullivan, Ph. D., explains an exercise during the SBE Strategic Planning Meeting. Sullivan and Kenneth Harling Ph. D., facilitated the meeting held at the Hilton Hotel on June 23, 2012 in Indianapolis, Ind.

Looking at the future, the group said we need to identify whom the members of the society should or could be and reach out to them, understanding that technology and other factors continue to change the roles our members play and the skill sets they are expected to have. They also said we need to look how the society brands itself to reflect these changes.

Finally, the group recommended we need to use the unique opportunity of the society's

50th anniversary, which will come in 2014, to demonstrate to the broadcast industry and the received, the board of directors will review public the importance that our members play in this business and that the SBE continues to change to meet the needs of its members.

each of the recommendations at its fall meeting and after ample study, make the final decisions of what to implement.

Once the full report from the facilitators is



FOCUS ON SBE

by John L. Poray, CAE SBE Executive Director iporay@sbe.org

Election and strategic planning are vital to society's future

If you are a member of the SBE who they go forward. They have been vetted by and women deserve your support. You can 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 vour 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

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officers. For the six director seats that are being contested, eight candidates are

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vving for your vote. Some are incumbents your chapter as an officer or member of its 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 LiveStreamPac for election. These men

the nominations committee and all four have demonstrate that by offering to assist. Even served with distinction on the board and as the smallest task is a valuable help towards

> building an effective "Each of the candidates needs and successful chapter. And if the your support as they go forward." opportunity to serve

> > governing board comes your way, I 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 36 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.



Certification Question

answer on page 15

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



The trust offers scholarship and educational programming and grants that benefit broadcast engineering and the broadcast engineer. Submit tax-deductible ETITE OF THE STATE AND A L. donations, payable to the Ennes Educational Foundation Trust, to the Society of Trust Trust Trust and Trust Tr

Youth Scholarship

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Stephen Smith, Loudon, Tenn.

Robert Greenberg Scholarship

Anthony Fox, Newport News, Va. Martin Hadfield, Portland, Ore.

THE signal **AUGUST 2012**

SBE awards members for recruiting during 2012 Member Drive

Fifty-seven current members of the SBE are Conrad Trautmann, CPBE directly responsible for recruiting 73 new Reference Data for Engineers, 9th Edition by the 2012 SBE Member Drive. Of the 73 new members, seven were Sustaining Members; Ross Video branded Cross pen courtesy of companies that provide products and services Ross Video (12 winners) to the broadcasting industry. An additional 114 members joined the SBE during the drive without indicating a sponsor's name.

Each member who recruited a new member was entered into a drawing to win prizes donated by Sustaining Members of the SBE, bookstore publishers and the SBE. The Grand Prize winner, who receives an expensepaid trip to the SBE National Meeting in Denver, Colo. this October, is Aaron Savage, CBT of Chapter 53 in Hawaii.

Additional prizes awarded include:

\$50 American Express Gift Card courtesy of **Henry Engineering**

Mark Heller, CPBE, CTO

Broadcast Supply Worldwide (BSW)

Mark Heller, CPBE, CTO

10 Pack of Report-it Licenses courtesy of

Mark Heller, CPBE, CTO

Leatherman New Wave Multi-Tool With Nylon Sheath courtesy of Broadcast Microwave Services (BMS)

"Networking for Dummies 9th Edition" by (five copies)

Michael Kesten

members during the three-month period for Mac E. Van Valkenburg courtesy of Elsevier

Gary Kline, CBT, CBNT

Gary Kline, CBT, CBNT (two) Bran Latsha, CBT

Thomas McGinley, CPBE, AMD, CBNT Zeinullah Osmani

Conrad Trautmann, CPBE

James Alexander, CPBE, CBNT John Arndt, CPBE, AMD, DRB, CBNT

Wesley Boyd, CBT

Mark Heller, CPBE, CTO (two)

Dennis Hunt

Messenger Bag with USB, logo shirt and car charger courtesy of Vislink, Inc.

Mark Heller, CPBE, CTO

Logo polo shirt courtesy of Vislink, Inc

Robert Purdy

Ebtech Swizzarmy Cable Tester courtesy of Multi-tool courtesy of Middle Atlantic Products (six winners)

Jeff Crews, CBT

Robert Dickinson, CBTE

Mark Heller, CPBE, CTO Lawrence Paulausky, CPBE, AMD, CBNT



Aaron Savage, CBT of Chapter 53 in Hawaii is the Grand Prize Winner. Savage won a trip to the SBE National Meeting in Denver, Colo. October 23-24.

Stanley Mancari, CBT

Canvas tool bag courtesy of Middle Atlantic

Stephen Brown

Directional Antennas Made Simple - by Jack Layton, CPBE courtesy of Layton Technical

Gary Kline, CBT, CBNT

"Electrician's Calculations Manual, 2nd Edition" by Nick Fowler courtesy of McGraw-Hill

Rodney Zeigler, CBT

"Frontiers in Antennas" by Frank Gross courtesy of McGraw-Hill

Conor Miller



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Broadcasters General Store • 2004 Broadcast Audio Video Distributor

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ERI - Electronics Research • 1990 David White (812) 925-6000 Broadcast Antennas Transmission Line Filters

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L-3 Communications Electron Devices • 2003 Steve Bliek (570) 326-3561, ext. 229 Tubes, Power

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(202) 429-5340 Industry Trade Association National Football League • 1999 Ralph Beaver (813) 282-8612

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Panasonic Solutions Company • 1985 Ioe Facchini (201) 392-6183

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Multimedia Retailer RCS • 2003 Diana Stokey (308) 284-3007 Audio and Video Content Management

RDL • 2004 Chuck Smith (928) 778-9678, ext. 142 Audio, Video, Control & Test Equipment Manufacturer

RF Specialties Group • 2008 www.rfspecialties.com Everything from the microphone to the antenna Richland Towers • 2001

Tower Owner/Management Rio Steel & Tower • 2010 Turn-key Tower/Antenna Services Rohde & Schwarz • 2003

Eddy Vanderkerken (469) 713-5322 Broadcast Transmitters, Test & Measurement ROSCOR Corporation • 1998

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Kyle Luther (613) 652-4886 Manufacturer, Television Broadcast Equipment Sage Alerting Systems Inc. • 2010 Gerald LeBow (914) 872-4069 ext. 210 Emergency Alert Systems Products

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Video Equipment Manufacturer Solid State Logic • 2011
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Staco Energy Products Co. • 2010 Paul Heiligenberg (937) 253-1191 ext 128 Manufacturer Voltage Regulators, UPS Stainless LLC/Doty-Moore • 2004

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Tieline Technology • 2003 Dawn Shewmaker (317) 845-8000 POTS, ISDN, Codecs & A/V Products Trilithic • 2011 Tom Cridlin (317) 895-3600

Emergency Alert Equipment (EAS) TV Magic • 2008 Bob Anderson (858) 650-3155 Broadcast Systems Integrator

Unimar Inc. • 2001 Thad Fink (315) 699-4400 ext. 307 or (813) 943-4322 Tower Obstruction Lighting Designer, Manufacturer, Distributor Vantage Technology Consulting Group • 2011

Andrea Cummis (212) 520-8422 Broadcast Consulting Services Vislink Broadcast • 1991

Mark Tommey (978) 671-5700 Video Microwave Syst Voice of America • 2011 Richard P. Barnes, PhD, CBRE (202) 203-4848

Ward-Beck Systems Ltd. • 2004 Michael Jordan (416) 335-5999 Metering, Monitoring, Distribution, Conversion

Wheatstone • 2010 Jay Tyler (252) 638-7000 IP Consoles Routers & Processors Wireless Infrastructure Services • 2006

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Control Manufacture Television Broadcast Automation Fuiinon, Inc. • 1986 Thom Calabro (973) 633-5600 Spectrum Analyzer Avid Technology • 2011 Broadcast & Comn Gepco International • 1995 Broadcast Products and Services Dave Chapa (847) 795-9555 Belden Electronic Division • 1991 Audio, Video Cable Products Steve Lampen (800) 235-3361 Graham Brock, Inc. • 2012 Marilyn Matheny (912) 638-8028 Technical Consultation - Radio/TV John Root (818) 565-4314; Calrec TV/Film Production & Broadcast Professionals Harris Corporation • 1977 Dave Hopson (TV) (513) 445-5243 Mark Goins (Radio) (513) 899-9124 Broadcast Equipment Manufacturer Heartland Video Systems, Inc. • 2011 Lawrence Pasternack (949) 756-1600 RF & Microwave Components Broadcast Electronics Inc. • 1978 Dennis Klas (920) 893-4204 Systems Integrator Henry Engineering • 2011 Hank Landsberg (626) 355-3656 Broadcast Engineering Magazine • 1984 "We Build Solutions" High Resolution Systems • 2011 Bradley L. Dick (913) 341-1300 Drew Taylor (888) 742-7690 ext. 108 Systems and Show Control Iim Kubit (805) 581-4566 Manufacturer Transmitters, Receivers, Antenna Systems Design and Manufacture Broadcast Equipment Audio Broadcast Equipment Supplier International Datacasting Corporation • 2012 Rudi Polednik (613) 596-4120 ext. 2222 Larry Thorpe (201) 807-3300, (800) 321-4388 adcast Lenses & Transmiss JAMPRO Antennas Inc. • 2011 Cavell, Mertz & Associates Inc. • 2011 Alex Perchevitch (916) 383-1177 DTV/DVBT & HD Radio-IBOC Solutions Ka You Systems • 2011 George Gimourginas (301) 585-4302 Audio, Video, IP - Satellite Chris Crump (978) 784-1776 Audio codecs & Telephone Interface Products Kathrein Inc., Scala Division • 1985 Kintronic Labs Inc • 2010 Eric Miramontes (423) 878-3141 Content & Communications World (CCW) • 2006 KPFF Consulting Engineers • 2004 HD World 3D World and SATCON Continental Electronics Corporation • 1976 Michael Troje (800) 733-5011 Madison Batt (206) 926-0508 Tower Engineering, Inspections Design AM & FM IBOC Tran FAA Obstruction Lighting, L.E.D. Based Latakoo Inc. • 2011 Rod Taylor (512) 825-8709 Internet Video Distribution or Matt Leland (207) 655-8139 LBA Technology Inc. • 2002 Jerry Brown (252) 757-0279 AM/MW Antenna Equipment & Systems
Lincoln Financial Media • 2007 Emergency Alert Systems Barry Thomas (404) 261-2970 Jeffrey Holdenrid (704) 927-6085 LYNX Technik • 2007 Steve Russel (661) 251-8600 IP Microwave STL Markertek Video Supply • 2002 Andrew Barth (845) 246-3036 Judy Mueller (732) 563-1144 audio, Video, A/V Broadcast Suppl Maxell Corporation of America • 1991 Patricia Byrne (201) 794-5900 DVEO - Division of Computer Modules Inc. • 2011 Data/Broadcast Video Media Micronet Communications Inc. • 2005 Jeremy Lewis (972) 422-7200 Coordination Services / Frequency Planning Mark Strohecker (914) 593-6831 Micronetixx Communications LLC. • 2011

"How to Build a Small Budget Recording Michael Rabev Studio from Scratch, 4th Edition" by Mike Shea Stephen Seedansingh Blue logo polo courtesy of Middle Atlantic and F. Alton Everest courtesy of McGraw-Hill Canon USA Inc. • 1985 Scott Chestnut, CPBE, 8-VSB Gary Glaenzer "The Tab Guide to Vacuum Tube Audio" by Mark Heller, CPBE, CTO Doug Lowe courtesy of John Wiley and Sons Grey logo sweatshirt courtesy of Middle Jerry Whitaker courtesy of McGraw-Hill Raymond Larson **Atlantic Products** "Digital Filmmaking for Beginners" by Mark Heller, CPBE, CTO (two copies) Yezmin Blue, CBTE, CBT Denim logo shirt courtesy of Middle Atlantic Michael Hughes courtesy of McGraw Hill **Bruce Schiller** Sargent Cathrall, CPBE **Products** Dialight Corporation • 2006 DoubleRadius, Inc. • 2012 DSI RF Systems, Inc. • 2010 e2v • 1997

Members With 25 or More Years of Membership • New Members **THE** signal **AUGUST 2012**

Tim Chapman, CBT, CBNT, of Chapter 30, South Bend, is a broadcast engineer at WSBT in Mishawaka, Ind. Chapman lives in Buchanan, Michigan and has been a member of the SBE since 2004. Focal Point: I joined the SBE mainly for the certifications, I did not have any formal work experience in broadcasting and felt this was a good way to get my foot in the door and show that I did know something about radio and TV. Also have a place to network with other engineers and learn from their experiences. Sphere of Influence: The person that influenced me the most was my high school Sunday school teacher. Lu Martin, he was a salesman for the local radio station and we had a common photography hobby. I remember the first time Lu took me to the radio station, I was hooked, turn tables, cart machines, and oh veah the automation system, I don't remember the

all the time and we're constantly adding new equipment. When I'm not working I... The horses take up a lot of my free time. but I'm also a general class amateur radio operator KB9AHU, and I like fixing up houses. I have six kids, two are nurses, one radiology technician, (hopefully my retirement health care plan!!),

one computer engineer, and two in college - another computer engineer and an accountant. I also have

six grandkids, ages six years to one month old.

Pictured Here: I'm pictured here with my horse Toby. We also have Atticus a Belgian/ quarter horse cross breed horse. I'm still very much an amateur horseman, and still trying to learn the "horse" language! They can be very intimidating. Fortunately they are both calm, easy going horses. What you may not know ... Besides being a deputy sheriff, I use to be a volunteer fire fighter

(the hardest I've ever worked for no pay in my life, but loved every minute of it). Also, working at Crown I traveled all over and have been back stage

at lots of venues, including the underground tunnels at Disney World. When people found out you worked for Crown they would take you on tours of their facilities, it was great! Favorite Gadget: It's a tossup between the DR Power chopper, and the John Deere tractor, there's just nothing like chopping trails thru the woods. It's the best stress reliever!

CHAPTER SPOTLIGHT

by Mike Tosch, CSRE, AMD, CBNT SBE Chapter 47 Chairman

brand name but in the 70's you can imagine

what it was like. It was six foot high and about

20 foot long, with reel-to-reel tape decks, and

carrousel of cart tapes in the middle and programmed

by a set of switches on the front. An engineering nightmare!

Job Satisfaction: I'm very fortunate to be working at WSBT.

We just moved into a new building about four years ago, and it

has all the latest digital technology. Of course it's changing

Chapter 47 attracts members with mealtime technical presentations

Chapter 47 is SBE in Los Angeles. Our Chapter was formed in the late 70's. We are 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 numbering near 30, which is great. Recently we had a meeting with Richard Rudman, California SECC vice chair and Lark Hadley. our local LA County LECC and had just over 30 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) professional gatherings are numerous.

Chapter 47 holds many meetings with various vendors. In the last year, we had meetings with representatives from SAS, BGS, Tieline, Swann Media, Bob Orban spoke on TV Loudness and



Mary Ann Seidler discusses audio codecs during a presentation to members of Chapter 47. The presentation took place at the Holiday Inn in Burbank, Calif on January 10, 2012. Photo by SBE Member David "Xrey" Rey.

meetings with Richard Rudman. We attempt to have our representatives bring discussions of better solutions for problems.

We meet alternating months for lunch and and AES among others. So their choices for then dinner at the Holiday Inn in Burbank, a program instituted last year that provides 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 Ennes Workshop and possibly an AM Antenna

the CALM Act, Comrex, Nautel and several EAS Seminar. We also promote safety training for our members by keeping them notified of first aid classes, etc. We also announce at each their technology and how it is new and provides meeting all the current opportunities available at SBE.org, the national website.

Certification is promoted at Chapter 47 by reimbursement for test costs and CertPreview. We have had several members get their certifications in this manner. We earmark a fair portion of our chapter rebate check to this activity.

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 ours 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 H.R.2102. Rep. Stearns' office continues to support passage of the House Bill "on suspension." Maybe this will work, maybe not, and if not, we will have 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.

MARKYOUR CALENDAR

CERTIFICATION EXAM SCHEDULE

Dates Nov. 2-16 Feb. 8-18, 2013

Location **Local Chapters** Local Chapters

Application Deadline Sept. 14

Dec. 31, 2012

AUDIO LOUDNESS MANAGEMENT SEMINAR SERIES

Chicago, Ill. August 23 Los Angeles, Calif. September 27 Atlanta, Ga. November 13 Hosted by SBE and ATSC

ENNES WORKSHOP

BROADCASTERS CLINIC

Middleton, Wis. October 9-11

Presented by WBA and Chapter 24

Early Reg. - Two Days \$115; Three Days \$130

Orlando, Fla. October 5 Hosted by Chapter 42 members \$45; non- members \$60

BROADCAST AND TECHNOLOGY EXPO

Verona, New York October 10 Hosted by Chapter 22

2012 SBE NATIONAL MFFTING

SBE or ATSC members \$95; non-members \$150 In conjunction with the - Rocky Mountain Audio/Visual Expo and SBE/ SMPTE Boot Camp Denver, Colo. October 23-24 Hosted by Chapter 48

Prepare for your certification exam TODAY!





question on page 11

Answer

D. All of the above

WELCOME TO THE SBE

NEW MEMBERS

Ken Jaquess - Culver City, CA Michael D. Bucca - Toms River, NJ John G. Neuhaus - Short Hills, NJ Pamela Gibson - Adams, TN Matt H. Richardson - Crimora, VA Marquis McCants - Washington, DC Najibullah Azizi **Naveed Barak** Frederick L. Carmichael - Jasper, TN Wahidullah Muhsen Mohammad Omar Omary Jason L. Unseth - River Falls, WI Gregory J. Beveridge - Thornton, CO Dennis T. Brandis - Santa Clarita, CA Michael Clark - San Diego, CA Sunday M. Gonyok - Jos Plateau, Nigeria William S. Kessler - Harrisonburg, VA Michael C. Robinson - Jacksonville, FL Jeffrey A. Thornburg - Bartow, FL John Williamson - San Jose, CA Wayne Wolfe - Saint Cloud, FL Ray E. Devine - Woodlyn, PA David K. Gray - La Quinta, CA Andrew S. Lawrence - North Haven, CT Michael J. Alston - Portland, OR Luke Brannon - Lindale, GA Eugene Goldovsky - Bensalem, PA Kenneth R. Koyan - Wellington, OH Jackson L. Portwood - Seattle, WA Robert W. Daly - West St. Paul, MN James B. Harden - Milford, MA

Robert L. Myer - Gaithersburg, MD James Nelson - Chicago, IL Kevin J. Olson - Ewing. NJ Mark N. Schumacher - Waterloo, IA Oscar H. Hernandez - Desert Hot Springs, CA Michael Kennedy - Saint Charles, MO John H. Kosian - Holliston, MA Phillip L. Lanier - Rome, GA **Charle Moore - Austin, TX** John B. Hewett - Bailey, CO Christopher R. Spahr - Mount Laurel, NJ Wilson P. Middleton - Anchorage, AK Andrew K. Terhall - Fort Bragg, NC Kevin M. Callahan - Jersey City, NJ Joel D. Curtin - Buffalo, NY Jacob J. Halverson - Saugus, CA Adam Sturgill - Wise, VA Ma Louella S. Wong - Annandale, VA Michael J. Lewis - Lethbridge, Canada **Curtis A. Brothers - Wake Forest, NC** John F. Graham - Wake Forest, NC Brian Cady - Fort Lee, NJ Andrew L. Clark - Davie, FL David J. Crown - Encino, CA Chris T. Daniel - Mena. AR Keith Nolen - Birmingham, AL Mark A. Willett - Charlotte, NC Donald S. Williams - Pasadena, CA Jason L. Mangold - Houston, TX

REINSTATED MEMBERS

Gary Beebe - Tacoma, WA Gregory H. Whitehead - Chicago, IL David K. Bialik - New City, NY Doel Oriol - Aquadilla, PR Norman P. Portillo - Baltimore, MD Ronald L. Gaier - Columbus. OH Timothy R. Allen - Thornton, CO Tamara H. Ehle - San Jose, CA Alejandro G. Argerich - Miami, FL Robert L. Tweed - Orlando, FL M. David Rey - Long Beach, CA

Paul Wesley Roten - Dothan, AL Michael Turfler - Peachtree City, GA Edward C. Dulaney - Kamay, TX James R. Bryant - Fishers, IN Brian A. Schauer - Denver, CO David M. Wrenn - Leland, NC Eric P. Odendahl - Lawrenceville, GA Chris Ark - Scottsdale, AZ Timothy J. Brusky - Winter Springs, FL William B. Sacks - Hollywood, MD Glen Tapley - Birmingham, AL

NEW STUDENT MEMBERS

Brendan C. Hamilton - Holt, MI David M. Alcock - Calgary, Canada Maia Black - Tucson, AZ Zachary Z. Fawcett - Calgary, Canada Richard J. Furgason - Calgary, Canada Youngmin Kim - Calgary, Canada Herrick W. Liu - Calgary, Canada

Hiroyuki Maki - Calgary, Canada Nathan P. McKenzie - Calgary, Canada Michael J. Pozzobon - Calgary, Canada Kuylen R. Senger - Blackfields, Canada Joel T. Wawro - Calgary, Canada Pauline I. Zirrie - Calgary, Canada

NEW ASSOCIATE MEMBERS

Mark J. Hepfer - Fairborn, OH Gordon Moore - Bronx, NY David Pichner - La Crosse, WI

John C. Mendenhall - Seattle, WA John F. Schaab - Denton, TX James Culligan - El Cajon, CA

14 **AUGUST 2012 THE** signal

