

SIGNAL.

BIMONTHLY PUBLICATION OF THE SOCIETY OF BROADCAST ENGINEERS

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Volume 21, Number 3

Canditates for National Board

NAB photos, summary and highlights

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Membership meeting highlights SBE activity at NAB Show

he annual spring gathering of SBE members held during the NAB Show featured recognition of volunteer service, a personal charge to members to become "champions" and prizes for some lucky winners.

Thirty-six chapter certification chairs were recognized for their service with pins or plaques, presented by national SBE Certification Chairman, Jim Bernier, CPBE, CBNT during the meeting. That included five members who have served for 25 years as local chapter certification chairs. They included James Biggers, CPBE of Chapter 7, Jacksonville, Fla.; Robert Good, Jr., CPBE of Chapter 41, Central Pennsylvania; Robert Maw, CSTE, Chapter 86, Greenville Area, S.C.; Donald Strauss, CPBE of Chapter 55, St. Louis, Mo.; and Robert Venditti, CSRTE of Chapter 43 in Sacra-



The annual SBE Spring Membership Meeting was held on Tuesday evening during the 2008 NAB Show.

mento, Calif.

SBE president, Barry Thomas, CPBE, CBNT, addressed the crowd of close to 200 members, highlighting accomplishments of the previous year

See NAB on page 11

Leonard Charles elected SBE Fellow

he Board of Directors of the Society of
Broadcast Engineers voted to elevate
Leonard Charles, CPBE of Madison,
Wisconsin to the rank of Fellow in the Society.
The Fellow membership is the highest recognition the Society can bestow on a member.

Nominees for Fellow are not aware they have been nominated. Prior to Charles' election, only 69 members had been elected SBE Fellows over the course of the Society's 44

year history.
Charles, who is
known as Chuck
by many, will be
recognized at
the 2008 SBE
National Meeting
on October 15,



Leonard Charles

See FELLOW on page 20

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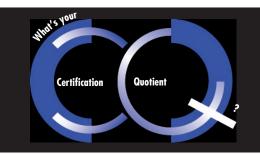
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Q: In a Class C network, you desire to set up two subnets. Which of the following statements is true:

- A. It is not possible to use subnets on a Class C network.
- B. A subnet mask of 255.255.255.2 would be required.
- C. Each subnet can have 128 hosts.
- D. None of the above.

Question taken from SBE CertPreview. Turn to page 20 for the answer



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Atlanta, Oklahoma City, Hartford, Eugene, Ore. Host Ennes Workshops

bout the time you read this, the SBE will be presenting an Ennes Workshop in the Atlanta, Georgia area on Friday, June 6, sponsored by SBE Chapter 5 and the Georgia Association of Broadcasters (GAB). It will be followed later this year by Ennes Workshops in Oklahoma City on August 27, Hartford, Conn. on September 13 and Eugene, Ore. on October 24. The Georgia workshop is a part of the GAB Annual Summer Convention and will be held at the Marietta Conference Center and Resort in Marietta, a suburb of Atlanta.

The program will feature a full day of technical presentations of interest to broadcast engineers and technicians. Those working in television or radio, as well as in related fields, will find the Ennes Workshop an excellent educational experience. Attendance at Ennes Workshops qualifies for SBE recertification credit. Registration for the Ennes Workshop can be made through the SBE National Office. At this late date, please call (317) 846-9000 to register. The registration fee is \$60 for members of SBE and \$70 for non-members and includes the GAB lunch with Georgia Governor Sonny Perdue (invited) as the special speaker.

Those interested in registering for the other GAB convention activities or to reserve a hotel room, should visit the GAB website, www.gab.org.

Ennes Trustee, Fred Baumgartner, CPBE, one of three trustees of the Ennes Educational Foundation Trust, is organizing all of the

Ennes programs and serves as moderator. In Georgia, local organizational support is being provided by SBE Chapter 5 Chairman, Bill Magliocco, CPBE, CBNT,

8-VSB; Vice-Chairman, Mark Fehlig, P.E., CPBE, CBNT and Jere Pigue, President of the GAB.

The Georgia program includes the following speakers and presentations:

- Proper Wiring Techniques for Broadcasters; Steve Lampen, Belden Cable
- *Tower Catastrophes: Lessons Learned;* James Heard, Electronics Research, Inc.
- *Notes on IBOC Power Increase*; Tim Anderson, Harris Broadcast Division
- Creative Antenna Elevation Pattern Manipulation; Bob Surette, Shively Labs
- How Much Are We Really Saving? New radio station construction paradigms examined; Ken Skok, Axia Audio
- Transmission Technologies and Coverage Extension for Digital Radio; Alan White, Continental Electronics Corporation
- KREX the Real World Disaster Recovery; Skip Erickson, Harris Technical Solutions
- *New Workbench Tips*; John Bisset, Broadcast Electronics
- Project Management & System Integration 101; Tom Atkins, Diversified Systems
- *DTV Update*; Mark Richer, Advanced Television Systems Committee (ATSC)
- Transition of Digital Satellite News Gathering to High Definition Television; George Mancuso, Tandberg Television
- Improving DTV Coverage through On-Channel and Translator Technologies; Richard Schwartz, Axcera



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Be the SBE's next champion

BY Barry Thomas, CPBE, CBNT SBE President

n the last issue of The Signal I introduced the committee chairpersons that are responsible for driving all the great programs and services we offer. I'd like to summarize the progress these committees have made and emphasize what makes all of this possible. Over the last 12 months we have:

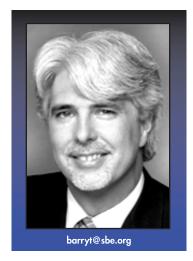
- Formed the Marketing
 Committee; chaired by Conrad
 Trautmann of chapter 15 in
 New York City. This committee
 was formed to find ways to
 better publicize actions of
 the Society and, by extension,
 our members. Among many
 successes, this committee was
 critical in creating our new
 email newsletter, SBE-News. I
 hope you are a subscriber.
 - Negotiated a new agreement with the NFL – for the tenth season which lays the groundwork for a new program more fully operated by the NFL with education and referral services provided by the Society. The SBE/NFL GDC program has been a prime example of the type of cooperative coordination efforts available using SBE members. This new program will also usher in a new role for the Society and its members in Frequency Coordination. The Society will be developing training programs in RF Event Coordination.
- ➤ Developed new direction with the Education Committee — Chair Cris Alexander is leading development on new on-demand webinars that will cover the length and breadth of media

engineering knowledge. The SBE is well-suited to be the most significant provider of broadcast engineering education and references.

- Engaged a grant writer to explore funding for extensive education efforts for the Society.
- Implemented and expanded our live online RF Safety seminars. More seminars are being scheduled as a result.
- Created an online survey to better understand the needs and interests of our members.
- Facilitated a successful charitable outreach to assist the Virginia Tech radio station WUVT following the horrific attacks on campus last year.
- Initiated a new web site resource for broadcast engineering internships at SBE.
- Introduced the "Digital Radio Broadcast" certification, the third in a series of specialist certifications.
- Published the first two books under our the new joint publishing agreement with Focal Press.
- Welcomed our newest chapter,142 in Puerto Rico

Each of these efforts has one thing in common. Each one had a member leader who took on the project, provided focus and direction to bring it to fruition. This member wasn't necessarily an SBE director or officer. They were members who saw an opportunity and felt strongly enough to be the champion.

The Society of Broadcast Engineers isn't an organization like our hosts, the NAB. We're a professional society that depends on volunteer service. Our 5,500 members working together to advance our career field, make our jobs



easier, careers more rewarding, and our operations more productive. This means for every effort we engage in, every great program we produce, every service we offer was originally championed by one or more SBE members.

Certification was championed by Jim Wulliman.

Frequency Coordination was originally championed by Richard Rudman.

Our efforts in EAS have been championed by Clay Freinwald, Leonard Charles, and Fred Baumgartner.

Our NFL GDC Program was originally championed by Rick Edwards.

The SBE Web efforts were originally championed by Dave Biondi and Jim Bernier.

Leader Skills Seminars were championed by the late Bob Flanders.

The CBNT Certification was championed by Terry Baun.

Student Chapter organization was championed by Keith Kintner

A new marketing effort is being championed by Conrad Trautmann.

And, of course our very existence as a Society we can credit to the efforts of John Battison.

These members saw an opportunity and made a commitment to help make their vision into a reality through our shared efforts. These efforts are now championed by their committee chairs; members who continue to have a vested interest in the success of the program.

I don't mean to say that these



SBE President Barry Thomas encourages members during the membership meeting at the 2008 NAB Show.

members do these things single-handed. The most sustainable of our programs have strong committees that share their work and have succession plans for committee leadership. All of our efforts depend greatly on Executive Director John Poray and his national staff but the national office is focused on running the business of the society. They do a great job. So much so that all of the efforts I mentioned are now part of the National Office operation. However....If there's a new idea or strategic effort we need to engage in, it falls to us, the members to get the project off the ground.

I tell you this because I always hear

"the SBE should...." (I admit I hear it a bit less now because people are realizing I have a typical answer: "You may be right! Can you help make this happen?"). I tell you this because I know we have lots of great ideas for things the SBE "Should be doing." I can bet that some of them have been even referred to the SBE leadership and members have been disappointed that the idea wasn't acted upon. The problem is, without a member champion, the idea just won't happen. Our society operates in the service and support of its members and responds to those things that are important enough for members to commit to action. If a

member or members are not passionate enough about an issue to act, most often the issue will not get addressed.

I can think off-hand of several really important and great efforts that I want the SBE to lead. Unfortunately, there simply is not a groundswell of interest to follow up and work the ideas to their natural end...yet.

We've convened strategic planning meetings that generated ideas that we're still putting into play but each idea we've implemented has had a champion. Vice President Vinny Lopez, through his Strategic Planning Committee has begun surveying our members. Through this we're going to get a clearer impression of our membership and your perspectives on the programs we're providing. You'll also have a chance to tell us "what are we doing right?" "What are we doing?"

We want to hear your ideas. Don't be surprised, however if we ask you to help us do it.

If you think the SBE <u>SHOULD</u> be doing something. Get people together who feel the same way and let's make it happen! I look forward to working with our next SBE Champion.

2008 SBE Membership Drive concludes

ay 31 closed the 2008 annual SBE Membership Drive. Even though The Signal went to press prior to the Drive's end, it looks like this will again be a very successful effort

All current SBE Members who sponsored a new member during this year's drive will receive \$5 off their 2008 Membership Renewal for each new Regular, Associate or Sustaining member that was sponsored (up to \$25). In addition, sponsors will have their names entered into the Membership Drive Prize Drawing. The name of one newly recruited member will also be drawn for a prize. Prizewinners will be drawn on June 21.

THANK YOU to the following organizations who, through the donation of prizes, helped make the 2008 Membership Drive possible:

- Westwood One
- ADC
- McGraw-Hill
- Elsevier
- Jack Layton
- National Association of Broadcasters
- Telos Systems / Omnia / Axia
- Broadcast Supply Worldwide
- Neural Audio
- Shively Labs
- Dielectric
- du Treil, Lundin & Rackley, Inc.
- Superior Electric
- Kathrein Scala
- **■** Continental Electronics
- Broadcast Electronics
- Continental Electronics
- Sony

Spectrum Management and the SBE

BY Chris Imlay, CBT

SBE General Counsel

his Spring, SBE has been involved in a number of different endeavors to assist in management of the Broadcast Auxiliary spectrum. SBE has viewed itself as one of the principal "stewards" of BAS spectrum management for quite a few years now. The rationale of the SBE Board of Directors in assuming this mantle has always been that broadcast engineers are, by station management, typically charged with making use of that spectrum, and making broadcast operations that use that spectrum work. As the result, it needs to be protected and administered carefully. That is the same rationale for SBE's frequency coordination program, which is a major, probably the overarching, means by which SBE conducts BAS spectrum management efforts. Broadcast engineers understand the BAS bands and their use far better than do others in the broadcast industry because they work with it daily. It all makes sense.

SBE devotes a good deal of its resources to its advocacy program, mostly at the FCC. You read about some issue affecting the SBE's advocacy program in these pages in each issue of the Signal, almost always related to BAS allocations and their administration and use. Often times, SBE members and non-members publish something suggesting that SBE "ought to be doing" this or that. The more pejorative version of this kind of thing is when something happens at FCC, on Capitol Hill or in the industry generally that is distasteful to the engineer commenting on it, and the engineer publicly asks "where was SBE" while this affront to the broadcast engineering profession was going on. Sometimes these suggestions are constructive; sometimes they are justified criticisms, and sometimes they are

merely a way to assess blame or express frustration. An association, be it SBE, the NRA, or the AARP, is always a good lightning rod for blame if something goes wrong. Sometimes the association falls short, and the lightning rod is being rightly held in the association's hands.

When I hear of these incidents. though, the first question I have is whether or not the person making the suggestion is an SBE member. SBE is very outgoing with respect to non-members who attend chapter meetings and such, and that is just fine. An association needs to be open and welcoming in order to succeed. SBE's Board meetings are always open to anyone who wants to attend. Its chapter meetings are the same way. But when it comes to suggesting how SBE ought to spend its members' dues, or blames the Society for not participating in something, I personally want to hear that from one of SBE's members. It is the price of admission to making suggestions about allocation of resources. And if the question is asked "where was SBE" while some horrible event was taking place, I want to hear that from a member of the Society who has a right to demand to know where his or her professional society was at the time something bad happens in the industry, and has the right to chastise SBE's officers, directors, and employees (and yes, its independent contractors too) for missing an opportunity to advocate their interests.

But there has always been some uneasiness about SBE's spectrum management efforts, because it is sometimes difficult to see how the advocacy program, focused as it is toward protecting BAS spectrum in particular, translates directly into a membership benefit for broadcast engineers. How does a radio station engineer benefit from SBE's heavy

involvement in the 2 GHz relocation effort? In its effort to negotiate good spectrum sharing plans



with the Department of Defense? In its efforts to protect 2 GHz from Mobile Satellite Service interference? Aren't those efforts really of direct benefit to Station management? It seems to me that they are if you look at the trees, but not if you look at the forest instead.

It always surprises me when I sit down to assemble a report to the SBE Board of Directors or its Executive Committee just how many different advocacy issues SBE is typically involved with at any one time. Many times, SBE advocacy initiatives are suggested by its FCC Liaison Committee, whose members are, with some exceptions, not members of the SBE's Board of Directors. These are dedicated broadcast engineers with their ears to the ground in the industry. Case in point: the modification of the Universal Licensing System (ULS) to add receive site entry fields (so that TV pickups, for example, can be protected by spectrum sharing partners. Sometimes the initiatives come from members of the Board of Directors themselves. Case in point: the SBE's effort to convert FCC to NAD 83 datum instead of NAD 27. Sometimes they come from strategic partners, such as NAB or MSTV. And sometimes they come from folks we get to know and respect in the course of our advocacy effort who have little to do with broadcast engineering or BAS use themselves, such as our good friends in the Spectrum Management offices at the Department of Defense, and the good folks at Sprint Nextel who we have found ourselves partnered with on certain initiatives.

There was a time when people at NAB said to us "gee, SBE, why don't you stick with what you do best, which is certification and frequency coordination, and leave the government relations and spectrum management to us." Well, they don't say that anymore. They work well with us and they ask for our help in joint initiatives that benefit broadcast management and broadcast engineers alike. And one reason why they don't say things like that anymore is that SBE members have shown themselves to be pretty darn savvy about BAS allocations. The BAS allocations are important to SBE members. Maybe 2 GHz is getting all of the attention these days, because it is under the gun most often, but no matter. Next week, it may be the 944 MHz Aural STL band. And we will be ready to dedicate whatever resources it takes to defend that band if and when the time comes. Does that help broadcast owners? Sure. Does it serve the interests of broadcast engineers as well? Sure it does. Your product, and the fruit of your labors, is the quality of the broadcast signal. We have to protect the product.

There are some interesting recent developments in our spectrum management efforts. Referenced briefly above is SBE's apparently quite successful effort to cause FCC to add fields to the ULS to permit licensees to add receive site information. We had filed RM-11308 because our informal negotiations with FCC staff did not result in any commitment to add these fields. Because it is impossible for other radio services which share BAS spectrum with broadcasters and which are obligated to protect BAS from interference cannot do so if the receive site information is not in the database, we felt that we had to push this. Hard. After the filing of the petition, Sprint Nextel opposed it, because they perceived it as an indirect effort to cause them additional substantive interference resolution obligations. Because of our strategic alliance with

them on the 2 GHz relocation issue, we had an opportunity to persuade them to withdraw their opposition to it. As the result of eliminating the opposition, the FCC issued a release in April agreeing to add the receive site field. While we have yet to see how they do this, and some software configurations in doing this are far better than others, this is a big victory for broadcasters. It was unexpected also, because just before this release came out announcing the ULS change, the Wireless Bureau Deputy Chief, at a Land Mobile Communications Council forum in Washington, announced that changes sought by various segments of the communications industry in the ULS would not be accommodated due to an upcoming planned overhaul of the entire ULS concept. The ULS is more than ten years old now, and a substitute for it is apparently in the works. Our proposed modification, however, was apparently compelling enough to justify the change sought nevertheless.

SBE has had meetings recently with the Department of Defense, to coordinate a dozen satellite uplinks in the government's Space Operation Service in (where else?) the 2 GHz band, which have worked out very well indeed. We have begun to coordinate with T-Mobile to accommodate interference-free use by broadcasters of Channel 7 at 2 GHz following startup of T-Mobile's UMTS A-Block downlinks at 2110-2220 MHz. We have worked closely with

our strategic partners to continue opposition of the nightmarishly inappropriate proposal of Clarity Media Systems, LLC to operate Trucker TV in the entire 2 GHz band. And of course we

have worked closely with Sprint Nextel to facilitate a gentle and interference-free rebanding of the 2 GHz band, with the MSS dogs barking at the door to start operations before we are finished. More on all these spectrum management initiatives as we go along. The points I want to leave you with are two: First of all, the SBE's spectrum management efforts, I believe, do benefit you as a broadcast engineer. It helps you create your product. If BAS allocations are healthy, your product can be as healthy as you can make it.

The second point is that, if your professional society seems to be ignoring something that you think should be advocated, and if you are an SBE member, then by all means let's hear about it. You have paid the cover charge. You have invested in a very eager, willing Board of Directors to represent you and competent officers to effectuate the Board's instructions. You have a professional staff in Indianapolis that likes nothing more than to hear your ideas. You have an open forum in this column for your arguments about and evaluations of SBE's advocacy program and the direction in which it should go. And you have an FCC Liaison Committee whose ears are to the ground all the time, and who provide input to the Board on regulatory matters affecting the broadcast industry. There are a lot of receivers out there. Transmit.

John C. Breckenridge Jr.

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Recertification and continuing education

BY Jim Bernier, CPBE, CBNT

Certification Committee Chairman

aturday evening before NAB2008 opened, the SBE National Certification Committee met, as has been the custom, for more years than I've been on the committee. The agenda is usually lengthy with various items to consider and discuss. This year, the discussion was dominated by the issue of recertification and continuing education.

In order to recertify, a certified individual must submit a record of credits earned over the last five years. Most certification levels require 20 credits, while senior engineer level requires 25 credits and professional broadcast engineer level requires 30 credits. Those credits must be distributed among at least four of 10 defined categories.

The purpose of recertification is to demonstrate continuing professional participation in the industry and continuing education in the technologies that impact the industry. Participation is fairly easy to measure through employment, membership in technical societies and participation in those societies.

Continuing education, it would seem, should also be fairly easy to demonstrate and measure. Continuing Education Units, CEUs, are commonly used by many continuing education centers. For those classes or schools that do not use CEUs, such as factory schools or in-station

training, we generally equate 10 contract hours with 1 credit for recertification.

It would seem that by requiring recertification candidates to achieve a total number of credits across a minimum number of categories that we achieve the goal of demonstrating professional participation and continuing education.

Or have we?

Over the years, the Certification
Committee has added various credits
for activities in different categories. It is
possible to accumulate enough credits
for recertification across the minimum
of four categories and not take a single
course during the recertification
period of five years. While the credits
demonstrate extensive participation in
the industry and technical societies, it
was concerning to the Committee that
someone could recertify without any
continuing education, especially in light
of the speed of technology changes taking
place today.

The Certification Committee did not make any changes to the recertification process as a result of this discussion. We are reviewing the process to see if there's a way to fairly compel a certain level of continuing education on each recertifying candidate. We want to be careful so as not to adversely impact those SBE Certified engineers working in

geographic areas or employment situations which are not conducive to



formal continuing education methods.

Your thoughts and comments on this would be welcomed.

The other item of discussion involved the need to review and update a number of certification categories. For instance, we know that the current CBNT question pool includes some questions that are becoming archaic. There are fewer and fewer computer networks in broadcast facilities using 10Base2 network designs.

February 17, 2009 will also nearly obsolete many NTSC transmission questions, or will it? Many LPTVs and translators will continue to operate with analog NTSC transmission systems. The Certification Committee will continue to review not only the questions themselves, but also the balance of questions posed as part of each test.

The Certification Committee continues to solicit feedback from the membership, both certified and non-certified, to better understand what we can do to make certification valuable to more people. If you have ideas, suggestions or comments, please feel free to email me at jbernier@sbe.org.

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New SBE Certification Achievements

LIFE CERTIFICATION

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Gary Blau, Plantation, FL – Chapter 53 Paul Christensen, Jacksonville, FL – Chapter 7

John Ross, Brownsville, TX – Chapter 136 Certified 8-VSB specialist (8-VSB) Paul Christensen, Jacksonville, FL – Chapter 7

Digital radio broadcast specialist (DRB) Edwin Bukont, Bel Air, MD — Chapter 37 Jerry Massey, Greenville, SC — Chapter 86 Bruce Ziemienski, Riverside, CA — Chapter 131

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David Campbell, Salt Lake City, UT —
Chapter 62
Roger Dawson, Hurricane, WV —
Chapter 116
Russel Hall, Albuquerque, NM — Chapter 34
Wesley Jones, Tracy, CA — Chapter 40
Jonathan Kriens, Livermore, CA — Chapter 40
Barry McClain, San Jose, CA — Chapter 40
Johnney Wright, Monticello, FL — Chapter 7

NAB EXAMS

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CERTIFIED BROADCAST TELEVISION ENGINEER (CBTE®)

Brian Hughes, Cotati, CA – Chapter 40 Joseph Kramarczyk, Palm Springs, CA – Chapter 131

CERTIFIED BROADCAST NETWORKING TECHNOLOGIST® (CBNT®)

William Case, Springfield, MO – Chapter 56 George Molnar, Chicago, IL – Chapter 26

CERTIFIED TELEVISION OPERATOR® (CTO®)

Martin Matthews, Henderson, NV

CERTIFIED BY LICENSE

CERTIFIED BROADCAST TECHNOLOGIST® (CBT)

Daniel Copher, Front Royal, VA — Chapter 78 David Dybas, Buffalo Grove, IL — Chapter 26 Gregory Gade, Omaha, NE — Chapter 74 Mark Long, Nicoma Park, Ok — Chapter 85 James Prociw, Nine Mile Falls, WI — Chapter 16

Marshall Tipton, Hilton, VA – Chapter 113 Rodney Zeigler, Lexington, NE – Chapter 87

CERTIFIED RADIO OPERATOR® (CRO®)

CERTIFIED RADIO OPERATOR® (CRO)

Ryan Hazelwood, Canyon, TX

Pasadena city college

Jussef Ayala, Duarte, CA Joshua Candelaria, Sierra Madre, CA Lesleeane Chavez, LaPuente, CA David Dennis, LaCanada, CA Michael Flores, Rosemead, CA Shota Haze, Sierra Madre, CA Albert Hou, Monterey Park, CA Jonathan Praniuk, La Puente, CA Jorge Retana, II, Los Angeles, CA Kayla Rodiger, Tujunga, CA Nicholas Thompson, Los Angeles, CA Alex Tsou, Artisia, CA Jose Venegas, South Pasadena, CA

CBS Radio-Los Angeles

Jon Bartels, Alhambra, CA

CERTIFIED TELEVISION OPERATOR® (CTO®)

CERTIFIED TELEVISION OPERATOR® (CTO®)

Harry Bond, Memphis, TN Matthew Compton, Cleveland, TN Kenneth Constant, Nampa, ID Stephen Dixon, Pocatello, ID Russ Fulbright, Lubbock, TX Nicholas Helton, Cleveland, TN Zach Huffaker, Cleveland, TN Susan John, Virginia Beach, VA Steven Jones, Cleveland, TN Ryan Kornstadt, Grand Rapids, MI Joseph Kramarczyk, Palm Springs, CA Tamara Muentes, Portsmouth, VA Ann Marie Rivera, Reading, PA Anthony Stokes Michael Sothard, Cleveland, TN Skylar West, Las Vegas, NV

RECERTIFICATION

Kathy Wheelock, Charlotte, NC

The following applicants completed the recertification process either by reexamination, point verification through the local chapters and national Certification Committee approval and/or met the service requirement.

CERTIFIED PROFESSIONAL BROADCAST ENGINEER® (CPBE®)

Gary Ellingson, Moorhead, MN Dennis Eversoll, Lenexa, KS – Chapter 59 Michael Vranisky, Moreno Valley, CA – Chapter 131

William Warthman, Athens, OH – Chapter 52

CERTIFIED SENIOR TELEVISION ENGINEER (CSTE®)

Kevin Fournier, Stephens City, VA – Chapter

Frederick Lewis, Houston, TX – Chapter 105

CERTIFIED BROADCAST RADIO ENGINEER (CBRE®)

Timothy Walker, Ruffin, NC – Chapter 78

CERTIFIED BROADCAST TELEVISION ENGINEER (CBTE®)

Philip Cianci, Alexandria, VA — Chapter 15 Gary Hetler, San Antonio, TX — Chapter 69 David Joseph, San Jose, CA — Chapter 40 William Mooney, Bigelow, AR John Wenzelberger, Worthington, OH – Chapter 52

CERTIFIED AUDIO ENGINEER® (CEA®)

Gary Faller, Winter Garden, FL - Chapter 42

CERTIFIED VIDEO ENGINEER® (CEV®)

Kristaq Kalanderi, Saugus, MA – Chapter 11

CERTIFIED BROADCAST NETWORKING TECHNOLOGIST® (CBNT®)

Philip Cianci, Alexandria, VA — Chapter 15 Manuel Esteve, South San Francisco, CA — Chapter 40

Dennis Eversoll, Lenexa, KS – Chapter 59 Gary Hetler, San Antonio, TX – Chapter 69 Billy Humphrey, Inland Empire, CA – Chapter 131

Elmir Husetovic, Lombard, IL – Chapter 26 Donald Lamy, Cooper City, FL – Chapter 53 Charles Mikowski, Grand Rapids, MI – Chapter 102

Christopher Scherer, Overland Park, KS – Chapter 59
Michael Vranisky, Moreno Valley, CA

Michael Vranisky, Moreno Valley, CA – Chapter 131

CERTIFIED BROADCAST TECHNOLOGIST® (CBT)

William Bommarito, Woodhaven, MI — Chapter 104
Sanford Boyd, Andalusia, AL — Chapter 118
Philip Collier, Chicago, IL — Chapter 26
John Duffy, Baldwinsville, NY — Chapter 22
David Freeman, Key West, FL — Chapter 53
Thomas Griffiths, Ashland, OH — Chapter 20
Derrick Grove, Naples, FL — Chapter 113
Andrew Levine, N. Shirley, NY — Chapter 15
Isaac Lopez, Knoxville, TN — Chapter 113

CERTIFIED TELEVISION OPERATOR® (CTO®)

Nicole Alexander, Wildomar, CA —
Chapter 131
James Dean, Martinez, GA
Tom Gross, Morrison, CO
Michael McCormick, Ogallala, NE —
Chapter 87
Bradley Meyer, Collinsville, OK — Chapter 56
Joseph Olano, Moreno Valley, CA —
Chapter 131
Deno Thomatos, Denver, CO — Chapter 48

CERTIFIED RADIO OPERATOR® (CRO)

Benjamin Echols, Riverside, CA – Chapter

Arthur Mistretta, Riverside, CA – Chapter 131 Joseph Olano, Moreno Valley, CA – Chapter 131

Nominations Committee assembles candidate slate for next SBE election

BY Chriss Scherer, CPBE, CBNT

Nominations Committee Chairman, Immediate Past President

s per the SBE bylaws, The SBE Nominations Committee is responsible to provide a slate of candidates for the next election. The committee, of which I am the chairman, has three voting members: Robert P. Hess, CPBE, Chapter 43; Kevin C. Kidd, CSRE AMD, Chapter 111; and Eric D. Reinert, CBTE, Chapter 120. The committee has reviewed SBE members eligible for election to hold officer or director positions with the SBE, and the following slate of candidates has been assembled. All four officer positions will be included in the upcoming election, and six of the 12 director seats will be included in the upcoming election.

The committee's slate of officer candidates are:

PRESIDENT Barry Thomas, CPBE CBNT



VICE PRESIDENT Vinny Lopez, CEV CBNT



SECRETARY
Ted Hand,
CPBE CBNT
AMD VSB



TREASURER Ralph Hogan, CPBE CBNT AMD



The committee has assembled a list of eight candidates who are interested in running for the six available board seats. Two of the candidates are currently completing a term as a director.

The committee's slate of candidates for directors are:

Ralph Beaver, CBT *
Jim Bernier, CPBE CBNT *
Troy Langham, CPBE
Gary Liebisch, CPBE
James Leifer, CPBE
Scott Mason, CPBE
Mark T. Simpson, CPBE CI

Mark T. Simpson, CPBE CBNT AMD Jeff Smith, CEA CBNT

An asterisk indicates incumbent status. Officers serve one-year terms, and directors serve two-year terms. Half the directors are elected each year to stagger the terms.

While the Nominations Committee has completed its task of assembling a slate of candidates, nominations from the membership at large can still be submitted to the SBE secretary until July 14, 2008. To be nominated at large, a candidate must meet the eligibility requirements and have the support of 10 SBE members in good standing.

Ballots will be mailed to SBE members in late July and are due back to the National Office by Aug. 28, 2008. Newly elected officers and directors will take office at the SBE National Meeting on Oct. 15, 2008.

Society of Broadcast Engineers, Inc.

2007 Audited Financial Statements

Combined Statement of Assets, Liabilities and Net Assets -December 31, 2007

ASSETS:

Cash and cash equivalents	\$376,197
Investments	\$864,861
Office Equipment	\$11,028
Intangible Assets	\$12,441
Total Assets:	\$1,264,527

LIABILITIES & NET ASSETS:

Liabilities	\$0
Net assests	\$1,264,527
Total Liabilities & Net Assets:	\$1,264,527

2007 SBE Audited Revenue & Expense Statement*

INCOME:

Membership Fees & Support	\$360,102
National Meeting	\$26,836
Certification	\$73,729
Promotion	\$2,343
Book Sales	\$14,835
Directory & Newsletter	\$88,665
Frequency Coordination	\$39,966
Education Services	\$47,409
Interest & Dividend Income	\$68,101
Net Realized/Unrealized	
Gains from Investments	(\$2,671)
Miscellaneous Income	\$11,754
Total Income:	\$731,069

EXPENSES:

Member Services	\$268,570
Chapter Rebates	\$35,607
National Meeting	\$20,612
Publications/Communications	\$100,554
Certification	\$75,942
Education	\$36,203
Frequency Coordination	\$10,443
Administration	\$69,710
Amortization	\$840
Depreciation	\$18,700
Total Expenses:	\$637,181

CHANGE IN NET ASSETS: \$93,888 NET ASSETS 12/31/2006: \$1,170,639

NET ASSETS 12/31/2007: \$1,264,527
* Audited statement reflects cash accounting method.

Investments are listed at market value.

NAB from page 1

and outlining the goals for the coming 12 months.

Members of the NAB Broadcast Engineering Conference (BEC) committee were recognized for their work in organizing the six-day conference. SBE has been NAB's organizing partner for the BEC since 1995. SBE member, Steve Fluker, of Cox Radio in Orlando, Fla., served as chairman of the committee for 2008. Fred Baumgartner, CPBE CBNT organized the annual Ennes Workshop, this year on "File-based Workflow," which had as many as 400 people in attendance.

A donation to the Ennes Educational Foundation Trust Scholarship Fund of \$2,500 was presented by the Southern California Frequency Coordination Committee (SCFCC) in memory of long-time SCFCC member, John Russell, who passed away earlier this year. Presenting the donation on behalf of SCFCC were past national SBE president, Richard Rudman, CPBE and members Howard Fine, Scott Mason, CPBE and Barry Victor.

Frequency Coordination Committee

chair, Ralph Beaver, CBT, recognized newly accredited SBE frequency coordinators. They included, J. Robert Keeler, CSBE, Hixon, Texas; Thomas Lowther, CSRTE, CBNT, Twin Falls, Idaho and Cynthia Quitmeyer, Atlanta, Ga.

The SBE Membership Meeting was sponsored by SBE Sustaining Member, Microwave Radio Communications (MRC). That support made possible some nice prizes including a four-port USB hub that went to the first 100 members in attendance. Three members received gift cards to a well-known national restaurant chain and one lucky winner, Anthony Tsosi, of Univision in Salt Lake City, Utah took home the big prize of a Panasonic 40 GB video camera with case and a 2 GB memory card.

Besides their sponsorship, George Maier, CSTE, presented an MRC donation of \$500 to president Thomas for the Ennes Scholarship Fund. Our Thanks to MRC for their continuing support of SBE and the Ennes Scholarship Fund.

In spite of about a 5% drop in NAB Show attendance from the previous year, the SBE booth saw brisk traffic. Seventeen



Many SBE members attended the Ennes Workshop on Saturday before The Show.

people joined SBE during the Show and another 41 members took the opportunity to renew their membership while visiting the booth. On Tuesday, there was a one-hour "meet the author" session in the booth with SBE Board Member, Tom Ray, CPBE. Tom authored SBE's first joint publication with Focal Press, "HD Radio Implementation."

The SBE Board of Directors met on Sunday morning to conduct the Society's business and a number of Society committees met during the week, including Certification, Frequency Coordination, EAS, Publications, Strategic Planning and Marketing.

RENEW NOW

Don't lose your SBE member benefits!

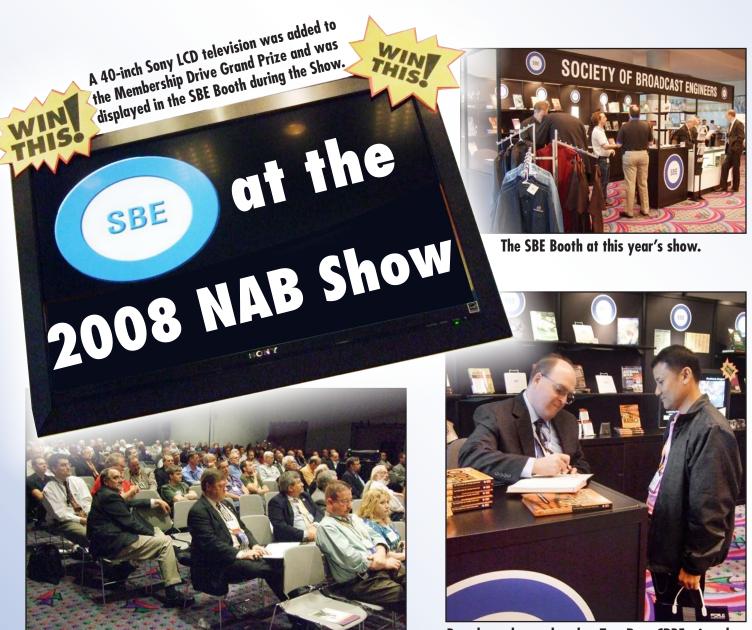
If you have not yet renewed your membership in the Society of Broadcast Engineers, you risk losing valuable member benefits, such as insurance coverage, access to JobsOnline and the ResumeBank and discounts on workshops, seminars and books. Membership renewal notices were mailed to all members, seniors, associates and students in February. Renewal was due April 1, 2008. If you did not receive your notice with a new membership card, please contact Holly Essex at hessex@sbe.org or (317) 846-9000.



EAS Exchange – An SBE-sponsored e-mail discussion group about the Emergency Alert System.

Sign up for both on the SBE website at www.sbe.org

JUNE 2008



Close to 200 members participated in the annual spring SBE Membership Meeting.





Richard Rudman, CPBE; Barry Victor; Howard Fine and Scott Mason, CPBE representing the Southern California Frequency Coordination Committee (SCFCC) presented a donation of \$2,500 to the Ennes Educational Foundation Trust in memory of SCFCC member John Russell who passed away earlier this year.



George Maier, CSTE, representing SBE Membership Meeting sponsor, MRC, presented a donation of \$500 to the Ennes Scholarship Fund.



David Fort, CPBE; Ernest Harvey, CSRTE; Britt Lockhart, CPBE were recognized for their first year of service as their chapter's Certification Chairman.



Bill Croghan, CPBE and Richard Serre, CBT, CBNT, were recognized for their 15 years of service as their chapter's Certification Chairman.



Brian D. Morgan, CPBE and Rick Ryan, CPBE were recognized for their 20 years of service as their Chapter's Certification Chairmen.



Steve Fluker; Al Grossniklaus, CBT; John Merrill received their BEC Committee Certificates.



Troy Pennington, CSRE, CBNT, recognized for his 15 years of serivce on the National Certification Committee, with SBE President Barry Thomas, CPBE, CBNT and Chriss Scherer, CPBE, CBNT who was recognized for his 10 years of service on the National Certification Committee.

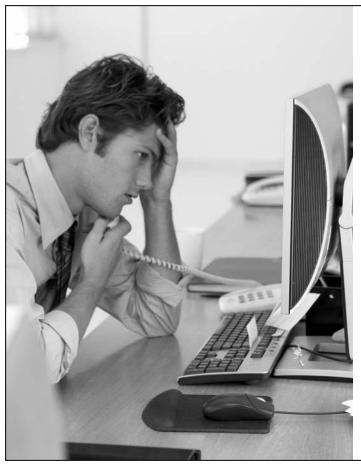


Business Development Specialist, Andre Adams of Excelsior College, gave a presentation on the College's degree credit program through SBE.



Immediate Past President Chriss Scherer, CPBE, CBNT, gave recognition to Virginia Tech student, Kevin Sterne, chief engineer of the campus radio station, who was wounded in the attack one year earlier.





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SBE Accredited Frequency Coordinators

he 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

Accredited March, 2008 through May, 2008				
Coordinator Location Affiliation				
Willard Ford	Goodlettsville, TN			
Thomas Lowther	Twin Falls, ID	Chapter 115		
William Murdoch	Coconut Grove, FL	Chapter 53		
Cynthia Quitmeyer	Atlanta, GA	Chapter 5, > 1 GHz		

coordinators. The program also makes it possible for SBE to demonstrate to the broadcasting industry the widespread acceptance of a voluntary set of standards guiding local coordination.

The Society of Broadcast Engineers would like to welcome its newest members to the organization:

NEW MEMBERS Christopher R. Auker - Carteret, NJ Mark A. Borchert - Fargo, ND Steven J. Gallagher - derry, NH James L. Jackson - New York, NY Josh P. Jones - Fargo, ND Joseph E. Kramarczyk - Palm Springs, CA Patrick G. Lee - Greer, SC Mark A. Long - Nicoma Park, OK Gregory M. Roehr - Beverly, MA Andrew M. Salive - Ferndale, MI Jason Shattuck - Huntsville, AL George Smith - Hagatna, GU Dale M. Dutridge - Swanton, OH Michael L. Harris - Novato, CA Peter J. Ives - Stoughton, WI Pete McLean - Eau Claire, WI David R. Schank - Greenfield, WI Min-Ho Song - Louisville, CO Juan M. Sosa - Tamarac, FL Clarence C. Willwerth - Saint Augustine, FL Samuel Astuto, Jr. - Delray Beach, Ray J. Bitner - Bertrand, NE Walter Bohlin - Weare, NH Richard E. Byrd - Douglasville, GA David D. Campbell - Salt Lake City, Russel L. Hall - Albuquerque, NM Ian Hartley - Pueblo, CO Robert E. Helbush - Atlanta, GA Michael A. Herring - Cocoa, FL Joe D. Meldrum - Omaha, NE Ron Petricka - Fairfax, VA William A. Sherwood, Jr. - Tulsa, OK Padrag Acheson, Jr. - Dillsboro, NC Lester Bach - Wichita, KS Walter G. Barnes - Louisville, TN David C. Beauvais - Hanson, MA Bruce Bolf - La Quinta, CA Robert P. Boone - Norfolk, VA Stephen Dixon - Pocatello, ID John A. Jernigan - Cary, NC Frank Lucia - Frederick, MD Christopher Maler - Holbrook, NY Brook Reichel - Orlando, FL Phillip G. Richards - Los Angeles,

Richard P. Schumeyer - Yardley, PA Kevin Trueblood - Bloomington, IL Steven J. Ramer - Warminster, PA Bill Bachmann - North Haven, CT Jeffrey R. Dahle - Reno, NV

Ralph B. Hetzel - Medical Lake, WA Jim Jensen - Mooresville, NC Wesley Orwan - Harrisburg, PA Craig A. Pocock - Bristol, CT Mary A. Williamson - Flagstaff, AZ Rex W. Athey - Harrisburg, PA John C. Brasfield - Quinton, AL Christopher D. Clayton -Cartersville, GA Gregory A. Gade - Omaha, NE Michael G. Kaletta - Birmingham, George R. Kemp - Canyon Country, Amanda Lubinski - Odessa, MO Andrew S. McHaddad - Canvon Country, CA

Joseph Mouhanna - Kirkland, WA Tri V. Nguyen - Garland, TX Ian L. Perry - Reno, NV Randolph R. Staley - Redlands, CA Marshall D. Tipton - Hilton, VA Marty Brewer - Twin Falls, ID Anthony A. Dennis - Akron, OH Jerod L. Getz - Grants Pass, OR Leighton M. Reed-Nickerson -Camas, WA

Zsolt L. Vicsacsan - Phoenix, AZ Charlie Cannaliato - Missoula, MT Delvle A. Martin - Lawrenceville, GA Thomas A. Strauch - San Antonio,

Timothy W. Gordon - Panama City,

Michael J. Kelly - Fayette, ME Michael D. Redfearn - Buckeye, AZ Charles B. Bornstein - Houston, TX John R. Bowles - Norfolk, VA Robert F. deBettencourt - Silver Spring, MD

Bob Derryberry - Nashville, TN Travis C. Glazener - Las Vegas, NV Dave L. Kalahar - Bakersfield, CA Daniel J. Kerr - Atlanta, GA Kimberly Leary-Thomas - Clinton,

Lara R. Prejean - Monroe, NC Reynaldo N. Roque - El Segundo,

Michael B. Sothard - Cleveland, TN Dennis M. Todd - Las Vegas, NV Russ I. Vance - Cleveland, TN William E. Whitt - Central Point, OR Mark H. Kramer - Littleton, CO

Shawn P. Wixted - Baltimore, MD Ben Adams - Wayland, MI Tony A. Bolden - Tucker, GA Blake Cates - Tulsa, OK David L. Diels - Sandy, UT Chris Emhardt - Santa Monica, CA William E. Harp - Peru, NY Kevin Ossenfort - Middleburg, FL Dominic S. Piarulli - Yonkers, NY Matthias J. Bleicken - Fort Meade,

Brian D. Cook - South Bend, IN Brian E. Dugger - Tustin, CA Thomas A. Gladwell - Toledo, OH Samuel H. Kunz - Gilbert, AZ Horace M. Murray - Glen Burnie, MD

Jose D. Placido - Elk Grove, CA Gregory Powell - Chandler, AZ Mark H. Samuel - San Francisco,

NEW STUDENT MEMBERS

Brian A. Graves - Chapel Hill, NC Vaughn W. Stull - Uhrichsville, OH Tyler G. Slentz - Athens, OH Zabie M. Sharify - Centreville, VA Tyler S. Godsman - Calgary, Alberta, Canada Jeoung S. Park - Calgary, Alberta,

Canada

Ryan M. Pushor - Calgary, Alberta, Canada

Vineet P. Saini - Calgary, Alberta, Canada

Terrance N. Medina - Athens, GA Souma B. Wanta - Chester, VA Thomas A. Shanks, III - Atlanta, GA Nicholas A. Lopez - Indianapolis, IN Jason L. Thompson - Kokomo, IN

NEW ASSOCIATE MEMBERS

Thomas E. Fahy - Washington, DC

NEW YOUTH MEMBERS

Michael J. Nutting - Fairport, NY Kelsey D. Vargas - El Paso, TX Andrew T. Beck - Phoenix, AZ Brian G. Zekoff - Mountain Brook,

REINSTATED MEMBERS

Christopher Connolly - Denver, CO

Ken Rodgers - Ramona, CA Brian A. Kloeckner - Jacksonville, FL Daniel Burton - Greenbelt, MD Vincent P. Atwood - Los Angeles, CA Bryan A. Harz - Pasadena, MD Jermaine W. Johnson - Rowlett, TX Annie L. Billings - Euless, TX Matthew A. Klimkowski - Lebanon, TN David M. Klimkowski - Lebanon, TN Derek D. Folks - Tampa, FL Adam Johnson - Asheville, NC Franklin W. Bell - Clifton, NJ Kenny Elcock - Honolulu, HI Terry J. Harvey - Chandler, AZ Richard S. Tallent - Orange, TX Thomas J. Toenjes - St. Marys, KS Naveed Aslam - Peachtree City, GA Antonio J. Bautista - Chicago, IL Jon P. Bennett - College Station, TX Steven Sabin - Glen Rock, NJ David P. Thompson - Bedford, TX Tyler R. Lecceadone - Rockford, MI Yancy T. McNair - Pensacola, FL Marcus Q. Potier - San Antonio, TX Vincent Giordano - Safety Harbor, FL James R. Mertins - Tulsa, OK David W. Agnew - Windsor, CO Nathanael L. Reeder - Longmont, CO Rod J. Lane - Southington, CT Steven P. Gav - El Dorado, AR Ken Holden - Fresno, CA Maurice L. Swain - Georgetown, TX Mark J. Olszewski - Titusville, FL Ronald L. Thompson - West Covina, CA John S. Salt - Chicago, IL John A. Stefanick - Denville, NJ George H. Ryan - Norman, OK Curt M. Yengst - Allentown, PA Rvan Oler - Mesa, AZ A. Lee Clardy, III - Lafayette, LA Max W. Cramer - Glendale, AZ William M. Guyger - Dallas, TX Scott D. Henning - Durango, CO Matthew J. Mommaerts - Waunakee, WI Otto Schellin - Pittsburgh, PA James A. Moore - Madera, CA Ronald L. Myers - Archamps, FRANCE Thomas W. Parrish - Goshen, IN James P. Liffrig - Holdrege, NE

REINSTATED STUDENT MEMBERS

Donald L. Moore, Jr. - Greensboro, NC

Christopher M. Kelley - Dayton, OH

15 **JUNE 2008**

Leader-Skills moves to September

BY John L. Poray, CAE

SBE Executive Director

t's been a busy spring for everyone. That and the slow economy have perhaps contributed to a slow sign-up rate for this year's SBE Leader Skills course to be held in Indianapolis. Course I, Framework of People Skills, was schedule for June 3-5 but it has been rescheduled for September 23-25. We hope this will provide an opportunity for more people to sign up.

These courses are purposely kept small — no more than 18 participants to ensure that there is ample opportunity for everyone to participate fully and to keep it manageable. We do need at least ten to hold it and as of early May, we were short of that number. With the cooperation of our instructors, Dick Cupka and Rodney Vandeveer, the Holiday Inn Select Airport where the course is to be held and those already signed up, we made the switch to September.

Dick will be teaching for the final time of his career. He retired about five years ago but kept SBE as his only active client since then. But this is it, so if you always wanted to take the course led by Dick, this is your last opportunity.

More than 1,000 broadcast engineers since 1964 have been taught by Dick in the Leader Skills series; first under the auspices of the NAB and, for the last 12 years, sponsored by SBE. Our co-instructor, Rodney Vandeveer, is an Associate Professor of Organizational Leadership and Supervision in the College of Technology at Purdue University, teaching in the same department that Dick was with for twenty years. He also has a similar background to Dick, with 20 years of work in the manufacturing industry before going into education. Rodney will be taking over the sole teaching responsibilities of the SBE Leader Skills Courses beginning in 2009 and we

are very pleased to have him with us.

If you are interested in attending or you have someone that works with, for or over you, sign them up today. The course fee is a very reasonable \$580 which includes three days of outstanding instruction, all materials and refreshment breaks. Housing, meals and transportation are not included. A special SBE guest rate of \$115 plus tax has been arranged at the host hotel, the Holiday Inn Select Airport in Indianapolis. The hotel is within walking distance of the airport terminal and the hotel also provides a complimentary shuttle. Register for Leader Skills, Course I by accessing the registration form at the SBE website, www.sbe.org. Print it out, complete it and mail or fax it to SBE.

Course II of Leader Skills, "Expanding Your People Skills," is still scheduled for August 5-7, 2008. Attendance at any Course I offering in the past is a prerequisite for attending Course II. Registration for Course II can be made using the same form as Course I. The Course Fee is \$580 and the location is the same, the Holiday Inn Select Airport in Indianapolis.

Changes to the GDC Program

SBE President Barry Thomas and the NFL's Jay Gerber made the joint announcement in April that changes were in the works for the Game Day Coordinators (GDC) program. SBE became involved beginning with the 1999 season and since that time the program has grown in importance to the NFL and to broadcasters. The many men and women who have served as GDCs, assistants and backups have done a wonderful job and we know they will continue to do so while those changes take affect.

By the beginning of the 2009 season, the NFL will bring in-house the responsi-

bilities that SBE has had since 1999. Those duties have included providing a GDC for each game, distributing expense



reimbursements and gratuity payments to the GDCs (the NFL has always provided the funding), maintain a GDC e-mail list and a team e-mail alias system used to submit coordination requests. The e-mail responsibilities will transition to the NFL in time for the beginning of the 2008 season.

Through the hard work and dedication of the GDCs, the Society has benefited from its participation with increased exposure and standing. In the joint press release, Jay Gerber, who serves as Manager of the NFL's Frequency Coordination Group, said he, "looks forward to the next phase of this immensely successful and growing program. It is a program that works for everyone involved in game operations and for the broadcast community and its audience."

President Thomas outlined the next phase of SBE's expected involvement to include referring qualified SBE members to the NFL for future GDC vacancies and providing training opportunities for those interested in providing event coordination services. In the same release, Thomas said, "The SBE looks forward to helping the NFL with the natural transition in our successful alliance. We expect that our new educational efforts will offer additional contributions and professional opportunities for broadcast engineers."

I echo Barry's comments and look forward to the next phase of SBE's involvement.

Madison, Wis. to Host 2008 SBE National Meeting

he 2008 SBE National Meeting will be held in Madison, Wisconsin on October 14-15, 2008. It will be held in conjunction with the Midwest Broadcasters Clinic, hosted by SBE Chapter 24 and the Wisconsin Broadcasters Association. The location will be the newly refurbished Marriot Madison West in Middleton (Madison).

The SBE National Meeting serves as an opportunity to spotlight SBE-sponsored regional conventions held in different areas of the country. This will be the third time the SBE National Meeting has been held with the Broadcasters Clinic in Madison since the National Meeting concept began in 1997. It was previously held there in 1999 and 2003.

The SBE National Meeting includes the Annual SBE Membership Meeting, which includes the induction of newly elected officers and directors of the Board, status reports and updates from some of our national committees. The winning chapters of the annual membership drive are also recognized at the Annual Member-

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SBE members are
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They use your products and services and make or influence purchasing decisions. If you're not already hearing from them, perhaps it's time you put your message where our members will see it! Contact Holly Essex at hessex@sbe.org or call 317-846-9000 and be in the next issue of the Signal.

ship Meeting.

The highlight event will be the SBE Annual Awards Reception and Dinner. At this event we will recognize the winners of the SBE National Awards including the SBE Broadcast Engineer of the Year and Educator of the Year. We'll also induct the newest SBE Fellows who have been elevated to that rank of membership since our last National Meeting. Chapter Award winners will also be recognized including those for best website, best newsletter and best regional convention. A special guest speaker will also be featured.

Other meetings and events that will take place include the annual Fellows Breakfast, Certification Committee meeting and the fall Board of Directors.

Just prior to the SBE National Meeting, the Society will produce a national Webcast, similar to the one held last year from Pittsburgh, Pa. The program is planned for Monday, October 13 at 8:00 pm EDT and will involve a number of SBE Board members and other leadership. A portion of the program will be dedicated to taking questions from members. Individual members as well as chapters are encouraged to "tune-in" for this special meeting. Chapters may want to make this their chapter program for the month of October and hold it at a station conference room or other facility that has Internet access. Details about how to access the program will be provided later this summer.

The Broadcasters Clinic is a three-day educational event that has been held for more than 60 years. The event includes many technical papers presented by experts from across the country. A broadcast equipment and services trade show is held over the first two days of the

Clinic.

Registration for the three-day event will be through the Wisconsin Broadcasters Association. Visit their website, www. wi-broadcasters.org to register. The fee structure includes a two or three day attendance option.

2008 SBE National Meeting Schedule*

Monday, October 13

Pre-National Meeting Event - SBE National Webcast - 8:00 pm to 9:00 pm EDT

Tuesday, October 14

Certification Committee Meeting – afternoon

Board of Directors Meeting - 6:00 pm to 10:00 pm

Wednesday, October 15

Fellows Breakfast - 8:00 am to 9:00 am Annual Membership Meeting - 4:00 pm to 5:00 pm

National Awards Reception - 5:00 pm to 6:00 pm

National Awards Dinner - 6:00 pm to 8:15 pm

2008 Midwest Broadcasters Clinic Schedule*

Tuesday, October 14

Radio oriented technical papers Lunch with speaker Exhibit hours in evening Beer & Bull Session

Wednesday, October 15

Technical papers of general interest Exhibit hours mid-day with box lunch

Thursday, October 16

TV oriented technical papers

* Schedule subject to change

JUNE 2008

Still time to register for 2008 Leader-Skills Series

t is not too late to attend the valuable Leader-Skills seminar. The seminar dates have moved from June 3-5 to September 23-25. Do not hesitate to sign up because spots are still available! Register for the seminar now and make your company better and become a better leader.

The seminar is created specifically for broadcast engineers. "My leadership skills improved and now our department will excel," said Michael Linz, who attended both Leader-Skills Courses in June and August of 2007.

"Every aspect was beneficial and relevant," he said. Linz was one of 10 who attended the Leader-Skills Seminars in Indianapolis.

The Leader-Skills Series is in its 12th consecutive year with SBE. It is specifically designed for broadcast engineers who have or aspire to have management responsibilities. "The leader-ship training here is spectacular," said Jim Skinner, who attended Course I last year.

Many of the most respected broadcast engineering managers in the country today are graduates of the program and continue to send members of their staffs to the seminars. "This is what I needed, and now my team will be on the front lines," said Benjamin Higley, who also attended Course I last June.

The Leader-Skills Seminars are designed to take technically proficient people and instill in them sound supervisory and management skills. "The series opened my eyes to a whole new way of looking at leadership and chal-

lenged me to act," explained Rich Parker, an attendee from 2006.

The series can also be viewed as a tool for personal growth and development, even for those without prior management or supervisory responsibilities. "The session 'Dealing with Differences' gave me a better look into myself to see what I need to improve my people and productive skills and how to read people affectively," past attendee David Sturgeon said. "It was one of my best experiences ever."

SBE offers the two-part series in cooperation with instructors Richard D. Cupka and Rodney Vandeveer. "Dick Cupka is one of the most influential people I have ever in my life had the pleasure to learn from. Rodney Vandeveer is also most excellent," said Linz. "I have never been so moved by a speaker and educator in my life."

Known for his unique style of teaching, Cupka has directed and taught the Leader-Skills seminars to broadcast engineering managers, supervisors and technicians for over 40 years. "Dick Cupka has been one of the most effective people in my life. I learned more than I ever expected. This program is superb," said Sturgeon.

This summer is Cupka's last year instructing the Leader-Skills Seminars before he fully retires, then Vandveveer will continue on instructing the series in future years. Do not miss Cupka's last seminar!

This year, Course I, "Leadership – The Framework of People Skills" will now be

held on September 23-25, instead of June 3-5. The course still takes places at the Holiday Inn Select in Indianapolis.

It covers the function and nature of your leadership role; how to build stronger teams and effective internal cooperativeness; the complex differences of people; and discovery of your natural style of leading and how to nurture a developed style to help you adjust to different people in differing situations. "[Because I attended] I will be a better manager and leader with greater insight," explained Parker.

Course II, "Leadership — Expanding Your People Skills" picks up where Course I leaves off and will be offered from August 5-7 (Dates subject to change). Each course is limited to a minimum of 10 and a maximum of 18 participants, so register now. "I wish I'd done this years ago, but I'm glad I finally did it," said Parker.

The cost of the registration for Course I is \$580, which includes three days of instruction, all course materials, a certificate of completion and classroom refreshments. All transportation, housing and meals are the responsibility of the participant. However, a single or double room can be reserved through SBE at the Holiday Inn Select Airport, where the course will be held, at a rate of \$115 per night.

If you would like more information on the SBE Leader-Skills Series, please contact Holly Essex at (317) 846-9000 or hessex@sbe.org.



2008 Leader-Skills Registration

Course Information: Each course includes three days (24 hours) of programming, all seminar materials, completion certificate and classroom refreshments. Class size is limited to a minimum of 10 and a maximum of 18 participants per course.

Name of Participant:	e of Participant:E-mail:		
Company:			
Address:			
City:			
If someone other than the partici	pant is filling out this form, pl	ease provide the following inf	ormation:
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City:	State:Phone:	E-mail:	
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NOTE: Cancellation, with no substitution, with with no substitution, occurs more than 10 days	in 10 days of the seminar will result in for		
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Request Housing – Course I: 🗖 No	☐ Yes, please reserve (circle one	e) single / double Date Arriving	: Date Departing:
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MAIL TO: SBE Leader-Skills Series, S	Society of Broadcast Engineers, 910	02 North Meridian Street, Suite 150), Indianapolis, IN 46260
or Fax to: (317) 846-9120	-		
QUESTIONS: Holly Essex at hessex@	sbe.org or (317) 846-9000		Date Received:

FELLOW from page 1

during the SBE National Awards Dinner program, which coincidently, will be held in Charles' home town of Madison this year.

Charles is Director of Engineering for Television Wisconsin in Madison and has been a member of SBE for 25 years, having joined in 1983. He has been very active in leadership roles for Chapter 24 in Madison having served as chapter chair and vice chair.

He served on the national SBE Board of Directors for four years during the mid-1990's and, while on the Board, wrote the SBE EAS Primer, a publication that helped hundreds of local engineers around the country implement the Emergency Alert System when it was first implemented. He served as the Society's first EAS Committee Chairman and, with his committee, worked hard to promote an understanding and effective and proper use of the EAS system.

While the national EAS policy was being written, Leonard wrote many articles for national trade publications that provided a resource for broadcasters as they attempted to understand and roll out the EAS system. He was named the Society's Broadcast Engineer of the Year in 1995.

Charles is active in the Maximum Service Television (MSTV) organization and serves on its Technical Committee. He has also been very active with the Wisconsin Broadcasters Association, serving on its Broadcasters Clinic Program Committee. He also is playing a key role in the WBA's efforts this year in Wisconsin to educate the public about the transition to digital television through a series of workshops around the state. Engineers, instructed by Charles, provided the technical support for these workshops and provided both the analog and digital signal for the "Show and Tell" presentation as well as provided converter box demonstrations.

Charles has been on the Wisconsin EAS Committee since its inception and involved in the Emergency Broadcast System before that time. He developed and continues to administer the Wisconsin State EAS website, as part of the SBE Chapter 24 website, which he also maintains. Charles was involved in the launch of the Media Security and Reliability Council (MSRC) in the Madison market. He is also a member of the Wisconsin Amber Alert Committee and was one of the founders of that program in 2003.

Leonard Charles is truly deserving of this recognition. As one of his nominators wrote, "Chuck is a consummate broadcast professional and friend, well deserving of this prestigious honor." The Society extends its sincere congratulations to Leonard "Chuck" Charles, CPBE, on being named a Fellow of the Society.



Doug Garlinger, CPBE 8-VSB CBNT, is now Senior Broadcast Engineer for Qualcomm — MediaFLO USA and has relocated to the Indianapolis, Indiana area. He was formerly RF Engineering Manager for the NBC Universal Stations, KNBC-TV, KVEA-TV and KWHY-

TV located on Mt Wilson overlooking

Los Angeles.

Richard Harvey, joined Fujitsu's Video Solutions Group in New Jersey as their Technical Sales Engineer. He was previously Director of Sales for XVD Corporation.

If you or someone you know moved, changed positions, or been honored in some way in the broadcast engineering industry, submit details to Member on the Move at hessex@sbe. org or to Attn Holly Essex, 9102 North Meridian St., Suite 150, Indianapolis, IN 46260



A: D, None of the above. Class C networks can use subnets. If you wanted two subnets, the subnet mask would be 255.255.255.128. Each subnet would have a subnet ID address and a broadcast address, leaving 126 addresses available for each host.

ANSWER from page 2

SBE Certification 2007 Exam Schedule

Dates

June 6-16, 2008 August 8-18, 2008 November 7-17, 2008

Location

Local Chapters
Local Chapters
Local Chapters

Application Deadline

CLOSED June 6, 2008 September 19, 2008

**Chapter 78 will be giving exams during the Virginia Regional, July 17, 2008. Please have your application into the National Office by June 26, 2008

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MARK YOUR CALENDAR

July 17, 2008

Broadcast Trade Show

Roanoke Civic Center convention center, Roanoke, VA.

Hosted by The Blue Ridge Chapter - SBE Chapter 78 and the Broadcast General Store.

October 14 & 15

2008 SBE National Meeting

Marriott Hotel Madison West, Madison, Wisc. **In conjunction with** The Wisconsin Broadcasters Clinic. presented by SBE Chapter 24, Madison and the Wisconsin Broadcasters Association.

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Neural Audio 2006 Mark Seigle Surround Sound Technologies

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4 Times Square 2004 John M. Lyons, CPBE (212) 997-5508 TV/FM/Microwave Tower Site

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Tobias Poole

Operating Director WRTI FM-HD, Temple University Philadelphia, PA SBE Chapter 18, Joined SBE in 1982 as a student

Getting Started: When I was a 14 year old kid, I would tinker with electricity and install light switches in my mothers house. I became fascinated with radio through the school's radio/tv vocational training.

Sphere of Influence: Professor Archie Grear at Ohio University. He was a professor in the telecommunications department. He gave great advice about succeeding as a broadcaster and getting into the industry to pursue a career.

Best Known for: GDC: Game Day Coordinator for NFL. Seven years ago I got involved with coordinating frequency clearance requests for the NFL Eagles through the SBE.

Focal Point: I enjoy the opportunity to stay current on FCC rules and regulations and trends in the industry as well as valuing the engineering aspects that the SBE provides. I value the fact that SBE is involved with educational and training aspects and opportunities they provide for their members.

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