

Region 3 Newsletter

Volume 9, Number 2 Spring 1994

DIRECTOR'S MESSAGE

Deborah M.
Powers



The Region 3 Executive Committee had a productive, if lengthy, set of meetings on February 5 and 6, 1994, in Louisville, Kentucky. Joe Cole, Area 8 Chairman, did an excellent job of setting up the meeting (after I asked him to look at most of the places in Louisville). Membership Development, conferences, PACE and E-Mail meetings were held, and I saw animated discussion in each one.

In addition to congratulating our Region Award winners, I would also like to congratulate the Chattanooga Section, winner of the Region 3 Section Growth Award, and the Georgia Institute of Technology Student Branch, winner of the Student Branch Growth Award. In a year when most sections are experiencing "negative growth" (what an oxymoron!), this is a real accomplishment!

Sections Congress '96

Sections Congress '96 will be held in November, 1996 in Denver, Colorado.

Each section should begin to budget now for this and all future Sections Congresses. Costs for Region 3 attendees will be higher than they were in Puerto Rico.

Any sections interested in bidding for Sections Congress '99 need to contact Jill Levy at Regional Activities (908-562-5514) for a list of bid criteria. Letters of Intent are due by April 1!!!!!!!

ROOT

Does your section have ROOT? Do you use it? Please let me know how ROOT is meeting your needs (d.powers@ieee.org). I am on the Sections/Chapter Support Committee, and will take your input to them for inclusion into the next version of ROOT. Version 1.1 will be released in March, and a Macintosh version will be out later in the year.

E-Mail

Is your section on E-Mail? If so, make sure there is good communication between the person holding the "ieee.org" alias and the section leadership. Quite a bit of information will start to come through the E-Mail - from me, from the secretary, and from various committee chairs. If your section is not on E-Mail, find someone to act as the "holder of the ieee.org alias", and contact Dan Koch to sign up. You don't know what you're missing (doesn't it get a little depressing to constantly be the recipient of "snailmail?).

Elsewhere in this newsletter you will find information about the meetings being held at Southeastcon. One of the most interesting "ad hoc" committee meetings being held is the "Olympic/IEEE"

Committee Meeting. The Atlanta Section is looking for support and ideas from other sections in the region (and outside the region, too!) on how IEEE can become a significant presence at the 1996 Olympic games. If you have any ideas, or are interested in formulating a plan for this, please attend this meeting.

There will be an opportunity for each section to speak at the Annual Committee Meeting - please bring your problems and your accomplishments! Hope to see you there!!!

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VICE-CHAIRMAN'S REPORT

James H. Beall



Attention Section Chairs! The annual Region 3 meeting will be held at the beginning of SoutheastCon on April 9 and 10, 1994. The meeting this year has been arranged so that all official business for the Region will be done between noon Saturday and 5 PM Sunday. It is expected that the Section Chair and the Section PACE Chair will both attend these meetings. Leadership Training will be Saturday afternoon and PACE functions will run from noon Saturday on into the evening. The main Region 3 meeting where Section Chairs will report and vote on Region business will start noon Sunday. Your section activity reports should be limited to one page and report activities and items of interest only.

Following on my report to you in the Winter issue, I have had a chance to visit some of the Councils and areas. The first was with the Florida Council in Orlando on January 15. On Feb. 4, 1994 I met with the North Carolina Council in Raleigh. I found this council to be moving ahead recovering from a financial setback. Current plans call for NCSE to be continued on a reduced basis in 1994 and in a recovery mode in 1995.

On the morning of February 5 I met with Area 8, Kentucky, prior to the Region 3 ExCom meeting in Louisville. The area is moving ahead with a cadre operation of committee chairmen and area officers. On February 19 I met with members of the South Carolina Council at their Student member paper contest in Columbia. I was impressed with the



knowledge and preparedness of the presenters. Following the contest the Council held a meeting to follow up on actions from their January meeting.

SECRETARY'S REPORT

Richard E. Beatie



Welcome to the age of electronics! As we try to streamline communication to the executive committee and committee (section representatives) members, most communications will be via electronic mail. Therefore it is very important that I have your current E-MAIL address available for distribution of Region 3 information. If you are not on E-MAIL, be sure that I have your current function/section address of record available for distribution of Region information. A current directory of the Region 3 ExCom is available on request to me via E-MAIL or mail.

To facilitate distribution of meeting reports, please provide them to me at least a week in advance of each meeting, by E-MAIL or on a disk in ASCII or Wordperfect 5.1 format. I will consolidate and copy for distribution at the meeting. If you miss my deadline, bring 30 copies with you, plus the report on disk!

Try to limit all reports to one page, and be concise in what you report. Do not use fancy fonts, etc. We are looking for content, not form! Meeting minutes will be distributed by E-MAIL where possible. Reports and handouts will only be sent to members who missed the meeting, since attendees will already have copies!

Be sure to keep us updated if you get on e-mail or change your address. Notify Dan Koch, our e-mail coordinator, Headquarters, and ME! I encourage you all to get an IEEE alias, and be sure your section has an e-mail liaison identified in SEC.R03@IEEE.ORG! See you all in Miami!

TREASURER'S REPORT

Roy H. Harris



I appreciate the opportunity to serve Region 3 in this new capacity. David Green has done an outstanding job and has our finances in great shape, but this makes him a hard act to follow. Be tolerant of me!

The 1994 Region 3 Budget was approved at the February ExCom. A copy of the approved Income and Expense Budget is included. I ask each activity area to adhere to these budget funds.

Region 3 travel policy remains unchanged except the mileage reimbursement for approved car travel is now \$0.29/mile. Per the policy, please obtain Region Director approval prior to the travel. Submit vouchers for travel to the Director who will forward it to me for reimbursement.

PAST DIRECTOR'S REPORT

David A. Conner



In the last edition of the "Region 3 Newsletter", I indicated that, during 1994 and 1995, this column would address a wide variety of topics. In that edition, I discussed IEEE state-level tax exemp-

tions and a concept called "Friends of IEEE". In this edition, I would like to discuss Election of the 1995 President-Elect, "IEEE Car Rentals", and IEEE's "Strategic Plan".

Election of 1995 President-Elect

This year's election for the 1995 President-Elect features three candidates: Charles (Chuck) K. Alexander, who is presently serving as Vice President -Professional Activities; Donald (Don) M. Bolle, who is presently serving as Vice President - Technical Activities; and Wallace (Wally) S. Read, who is presently serving as Vice President -Standards. Each candidate possesses a unique background that can bring a different perspective to the office of President. I encourage you to (a) read (carefully) the information available on each candidate, (b) make a judicious decision as to the candidate(s) you wish to support (yes, you can vote for one OR two candidates — a concept that IEEE uses that is called "approval voting"), and then (c) vote for the candidate(s) of your choice. Since I know all three candidates personally and have worked with each candidate, I have already decided how I will vote. I plan to use the "approval voting" concept and cast my votes for Chuck Alexander and Wally Read.

IEEE Car Rentals

At the December 1993 meeting of the Region 3 Executive Committee (ExCom) in Miami, Jim Howard presented data (developed by the Florida Council) concerning the economic advantages of using rental automobiles over driving a personal vehicle when travel requires the use of an automobile. In my preparation for travel to the February 1994 ExCom Meeting in Louisville, I decided to drive (for personal reasons) and pursue the rental car alternative.

While the trip driving time consumed twice the amount of time required for air travel, the use of a rental car produced a financial advantage to IEEE. The "total travel expense" that would have been experienced if I had traveled by air (based upon a "most favorable" air fare experienced by David Green, Conference Committee Chairman) was \$215.08. Driving my personal vehicle would have cost IEEE \$207.20 (740 miles

@ \$0.28/mile). My total cost for a fullsize rental car (using a weekend rate) plus tax and gasoline was \$127.24. Granted, I didn't save Region 3 a lot of money; but, every little bit saved provides revenue for other IEEE activities.

Four footnotes: First, you will notice that my data did not include rental fees for accident (collision and liability) insurance. IEEE does not allow reimbursement for these expenses since it is self-insured in this area. Second, we were fortunate in that a hotel was selected that had no parking fee for guests. Third, use of a rental automobile related to Region 3 travel requires prior approval by the Region 3 Director. Finally, the cost of driving noted above did not include a significant, additional, personal expense. My wife accompanied me! There was that stop in Nashville at an outlet where a number of "do-dads" for the house were purchased. And then, there were those purchases she made prior to the trip and while in Louisville for our granddaughter.

The Strategic Plan

During 1992 and 1993, the Institute conducted an aggressive planning cycle to develop a strategic plan for the Institute. Institute-level decisions, especially financial decisions, are now being influenced by this strategic plan. The Plan, an extensive document, outlines five goals and presents strategies for addressing these goals. The goals are as follows. "Career Enhancement - to empower IEEE members to realize lifelong careers in electrotechnology by providing a broad range of resources that will enable them to prosper and to develop and update their professional and technical competencies"

"Globalization - to transform the "IEEE into a truly global organization characterized by decentralized volunteer and staff leadership working cooperatively around the world by collaborative relationships with national electrotechnology societies and through the active involvement of members in all areas of the world"

"Organizational Improvement - to improve IEEE's "organizational structure and business practices to take greatest advantage of available resources, encourage innovation, and ensure cost-ef-

Region 3	1994 BUDG	ET
Description	1994 Income Budget	1994 Expense Budget
PROGRAMS AND ACT	IVITIES*	
Meetings and Social Events		\$4,600
Publications (Newsletter)		\$4,800
Conferences	\$17,000	\$9,000
Continuing Education		\$500
Professional Activities	\$12,123	\$22,200
Student Activity Comm.		\$20,840
Grants and Awards	\$1,000	\$5,200
Needy Section Support	\$2,000	\$2,000
Project Funds - RAB	\$2,000	\$4,000
********OTHER INCOM	3*****	
Rebate from Headquarters	\$53,300	
Interest	\$4,000	
*******OTHER EXPENSE	ES******	
Office Expense		\$300
Travel Expense (non-studen	t)	\$30,000
Other	\$500	\$8,050
	\$91,923	\$111,490
NET DEFICIT		\$19,567

fective responsiveness to member and customer needs; maintain a sound financial position that reduces the degree of reliance on member dues, ensures efficient management and use of financial resources, and supports the Institute's mission and strategic goals"

Products and Services - to "move expeditiously to the electronic dissemination of existing IEEE products and services; systematically identify opportunities for expanding the product line to take full advantage of the electronic media, and broaden the markets for the Institute's products and services; achieve and maintain recognition of the IEEE as a leader in the timely generation of global electrotechnology standards"

Public Responsibility - to "align IEEE initiatives with the public interest by advocating the application of electrotechnology to improve economic development and by increasing public awareness, acceptance, and appreciation of electrotechnology and its allied professions"

The Region 3 Strategic Planning Committee (SPC), a committee composed of Past Directors, is presently developing a Strategic Plan for the Region. Bob Duggan's column (found elsewhere in this Newsletter) addresses this important project by the Region 3 SPC.

VIRGINIA COUNCIL

Russell J. Churchill



The Executive Committee of the Virginia Council held it final meeting of 1993 on December 11 of the Engineers' Club in Richmond, Virginia. Council ExCom meetings for 1994 were established as follows: March 12, June 4, September 17, and December 3. The primary effort in 1993 was to stabilize participation in the ExCom meetings prior to launching any Council activity for 1994. To a large extent, the goal was

achieved, and a growth program for 1994 was established. Two projects are to be conducted. The first to be held on June 4 will be a service project for IEEE members. The second will be held on September 17 in conjunction with the Northern Virginia Section.

A Virginia Council ExCom subcommittee has been appointed and charged to report at the March 12 ExCom meeting on a project to provide a service to members who have not yet mastered the use of computers in their work and in personal pursuits. Qualitatively, there is a belief that many members do not use computers and are apprehensive to enter instructional programs for a variety of reasons. A friendly workshop led by IEEE members should provide any environment in which this problem can be overcome. The project will also serve as a fund raiser for the Council.

As part of its program to make the Virginia Council more visible to individual Sections, the ExCom will meet jointly with the Northern Virginia Section to share experiences and to initiate a learning process by which activities of the various sections can be shared. The northern Virginia Section is ideally suited to this experiment, because of its large size, wealth of experience, and many successful program activities. In varying degrees, this process will be repeated at other Sections within the Council.

North Carolina Council

Ronald C. Harrell



The first meeting of 1994 for the North Carolina Council occurred February 4. We were pleased that the Vice Chairman of Region 3, Mr. James H. Beall, visited with us during a portion of that meeting. We are always appreciative when officers from the region are able to

visit with us. Jim had several good suggestions and advice for several of our activities. One suggestion was that our bylaws should be reviewed, and revised if necessary. We certainly plan to do this.

This was the first meeting since the NCSE '93, which was held last September. All sections in North Carolina are active. Even the Eastern Section, which suffered a financial disaster along with the NC Council, is rebounding back with determination. All sections reported a healthy future as expected.

Reports from the various committees were given. The council voted to support the efforts of Dick Riddle, Chairman of the Employment Assistance Committee for both Region 3 and the NC Council, in the proposed Job Listing Service.

The NC Council has requested assistance from each Section to report the activities of the Council in their various newsletters and meeting notices. Of those Sections represented, all indicated support for that assistance. We will mail to each Section information of the activities of the Council, and they will report it in their own publications.

A very disappointing report came from Cullen Wright, Chairman of our Awards Committee. Apparently, the submittal of our North Carolina Council Award winners as applicants for Region 3 awards were never received by the Awards Chairman of Region 3. We hope they can be considered for future awards.

NCSE '94 will be held in Charlotte, probably sometime in October. The committee has proposed that the symposium be held without booths and consist of only tutorials. More information will be available on April 23, when the Council will have its next meeting in Greensboro.

As always, all IEEE members in NC and in Region 3 are welcome at our meetings, especially this next one. This meeting will also include a leadership training session for Section officers and committee chairmen. The meeting will begin at 10:00 AM, Saturday, April 23, 1994, at Quincy's Restaurant on Randleman Road, about one block from I-85 and its intersection with I-40. Hope to see many of you there.



Area 3 Georgia

Dennis A. Ludwig



The Atlanta section hosted a successful banquet. They are working to improve their corporate champion program, and they are helping the Atlanta Committee for Olympic Games. Their new officers are doing well. The Savannah section and Central Georgia sections are also active and doing well. The Central Georgia section is disappointed to learn that the Invent America! program has folded; they actively supported that program for the past several years.

Thanks to Dan Koch from the University of Tennessee all three sections have an E-mail representative. You can reach these sections with the following addresses: sec.atlanta@ieee.org, sec.savannah@ieee.org, and sec.centralgeorgia@ieee.org.

FLORIDA COUNCIL

James M. Howard



The Florida Council held its first meeting of 1994 on January 15th in Orlando, Florida. ALL FLORIDA SECTIONS WERE REPRESENTED at this meeting (first time in recent memory). We had a very informative meeting with the Sections sharing their local activities and suggesting topics that other Florida Sections might want to try. These type of exchanges have lead to four Florida Sec-

tions utilizing one meeting topic and speaker, all with the same excellent results. This type sharing of information between the Sections is one of the main purposes of the Florida Council.

Also presented at the meeting by our FC Membership Development (MD) Chairman, Amy Bissmeyer, was the first of many MD supplies to help Sections with their MD drives. The first one was can coolers (Koozies) with the IEEE emblem and name on them. Over 100 of these were quickly purchased by the Sections attending the meeting. Since that time over 150 more have been ordered by Florida Sections. (Refer to the Membership Development Chairman's report in this newsletter for more details about these supplies).

Our Awards Chairman, Karl Lohman, will be one of the representatives of the IEEE FC at the Florida State Science and Engineering Fair. The FC will present two(2) awards with plaques at the Science Fair. One will go to a Junior Division project and the other a Senior Division Project. Again, one of many ways the FC represents ALL Florida Sections.

The FC Chairman represented the Florida Sections at the recent Region 3 meeting in Louisville, KY. The Region 3 meeting was held Saturday and Sunday, February 5th and 6th. A full report of this meeting will be presented by the FC Chairman at the next FC meeting which will be held at Southeastcon in Miami, tentatively scheduled for April 9th at 9AM.

AREA 6 (AL, MS, LA)

Dale C. Caston



The Baton Rouge and New Orleans Sections have requested the Region 3 Executive Committee to go forward with the procedure that may permit these two Sections to Transfer from Region 3 to Region 5. This proposal was discussed at the February Executive Committee meeting and tabled until the April meeting which will be held at SoutheastCon. If the request is approved, the next step in the process would be a mail vote sent out by the Regional Activities to the Section members. If the outcome of the poll on members favors the transfer, the Vice President for Regional Activities will place action items on the agendas of the Regional Activities Board and the Board of Directors as required.



Information was mailed to each of the Section Chairs for Area 6 concerning the SUPERCOMM/ICC '94 Conference that will be held in New Orleans May 1-5, 1994. This will be a record setting show for SUPERCOMM since there will be more booths and more companies exhibiting than any previous SUPERCOMM. Several pavilions are planned in the exhibit area including and ATM, Fiber, Wireless, and a special "Super Medical Office" display. The International Communications Conference has an impressive lineup of technical papers, workshops, and tutorials. BellSouth Telecommunications Company's CEO Duane Ackermann will be the featured speaker at the conference banquet. If you need more information or registration forms, please contact me at the phone numbers listed in the Region 3 directory in this newsletter.

An Area 6 meeting will be held with the Section representatives on April 9, 1994 in Miami at Southeast Con'94. You are welcome to attend this meeting if you arrive early for the conference.

South Carolina Council

Lee Stogner



The South Carolina Council is off to a good start this year with projects for National Engineers Week, February 21 -25. A number of companies within the state such as Fluor Daniel in Greenville will sponsor "Engineering Awareness" events for their employees. The University of South Carolina College of Engineering has gone all out with a very busy week of activities that include e events for U.S.C. students/staff, high school students, and state/local government. The main point in all of the activities is to encourage people to think about engineering and the impact that it makes in our daily lives. Individual sections and members will celebrate the week by contributing articles to their local papers and by visiting schools to answer questions about engineering careers.

Southeastcon '94 is coming up and the council is getting ready. On February 19, the council hosted its annual student paper contest for students from the state's four engineering colleges. Honors for first place went to David Cullen from Clemson University. Second place went to Yoya Chakrabarti of the University of South Carolina. Third place went to Clint Wilkins from Clemson University. The students are encouraged to enter their papers in the Southeastcon Student Paper Contest in April. The Columbia IEEE section went a step further by sponsoring their local students from U.S.C. with a \$1000 gift.

Engineering employment in South Carolina still has its problems. News of the base closings in Charleston has greatly affected the engineering picture in that area. Layoffs by the state's design firms in the upstate continue on a weekly basis.

Engineers in their 40's and especially 50's are the ones most affected. To help, we are implementing an informal job referral system within the state. News of openings will be forwarded from section to section and to the engineers in need. A number of us in the council have been through the PACE careers training and are available to counsel members on a group or one-on-one basis in the art of networking, resume preparation, and interviewing.

If you know of openings in your area for engineers, please get information to my address that is listed in the Region 3 Directory at the back of this newsletter. Remember most jobs are found by networking. The person that you help this year will be in a place to help you next year.

AREA 8 KENTUCKY

Joseph D. Cole



The formation of an Area 8 Executive Committee, which has occupied most of my IEEE time this past year, is now complete. Committee Chairman are: Awards and Recognition - Larry Sanson (Lexington); Educational Activities - Subhash Desai (Evansville/Owensboro); Membership Development - Steven Bryant (Louisville): Professional Activities - Donald Hill (Lexington); Student Activities - Clarence Winternheimer (Evansville/Owensboro).



Subject to approval by the Region 3 Director, these individuals plus the three Section Chairs (Clarence Winternheimer of Evansville/Owensboro, Neil Driscoll of Lexington, and Tim Prell of Louisville) and the Area 8 Chair will constitute the Area 8 Executive Committee. We held our first meeting on Saturday morning, February 5, 1994 in Louisville, just prior to the Region 3 Executive Committee Meeting. Jim Beall, the Region 3 Vice Chair, was also present. I have distributed a draft document of goals and organization describing how I view the duties of these five positions. After discussion at both the Area and the Section level, I hope that this document (possibly in some amended form) will be adopted by Area 8 as a guiding framework for the Area. If we eventually decide to try to organize a Council, this document can provide a starting point for the development of a set of ByLaws. I plan to hold another Area 8 meeting in Miami in April, in conjunction with the Region 3 meetings and SoutheastCon.

It was a pleasure to help host the recent Region 3 Executive Committee meeting which was held in Louisville on February 4-6. This was the first time the Region 3 Executive Committee has met in Louisville since SoutheastCon '84.

Conferences

David G. Green



Region 3 has an active set of conference activities.

The goals for the 1994 Conference Committee are to support Region 3 conferences, work with sections to develop meaningful bid packages, develop a new edition of the Region 3 Conference Guide, cooperate w/ SAC re Student Conference Manual, consider tracking systems for conferences, develop a "Region 3 Conference Capabilities Manual", and to sup-

port and respond to the Region's review of the Conference Committee.

The New Orleans section has withdrawn from hosting Southeastcon '96 due to changes in the section that make continuing as host impractical. The Florida West Coast Section has agreed to move from 1997 to 1996. The Conference Committee has received a preliminary bid package from the Virginia Mountain Section for Southeastcon '97. The awarding of Southeastcon '97 will be an action item for the Region meeting in Miami.

The present Southeastcon schedule is (Conference, Date, Host Section/Branch, Conference Chair): Southeastcon '94, 4/10-4/13, Miami/FIU, Osama Mohammed; Southeastcon '95, 4/2-4/5, E NC/Duke & NC State?, Charles Lord; Southeastcon '96, 5/4-5/8, Fla West Coast/USF, Jim Howard; Southeastcon '97, (to be decided at Region 3 meeting in Miami).

The conference committee is interested in working with sections to develop bids for future Southeastcons. The email contact points for these conferences are (Conference, General Chair, Region 3 Student Conference): Southeastcon '94, o.mohammed@ieee.org, sb.fiu@ieee.org; Southeastcon '95, c.j.lord@ieee.org, sb.duke@ieee.org; Southeastcon '96, j.howard@ieee.org, sb.usf@ieee.org.

Region 3 has a major electro-technology show with technical sessions and product exhibitions which it sponsors with the Florida Council and Electronic Representatives Association. The present Southcon schedule is:

Southcon '94 Orlando Southcon '95 Fort Lauderdale Southcon '96 Orlando Southcon '97 Fort Lauderdale

The Region 3 Representatives to Southcon are Dave McLauren and Dan Jackson.

The North Carolina Symposium and Exhibition (NCSE) plans a reduced technical meeting for it's 1994 meeting in the mid-fall time frame in Charlotte, NC. The Central and Winston Salem Sections are planning the 1995 meeting for the Greensboro area.

EDUCATIONAL ACTIVITIES

Fred Symonds



If you have been reading Region 3 Newsletters for very long at all you will be well aware that my predecessor maintained the Region 3 Video Library.

The tapes of this collection will soon be available from me, for use by any section that has a need. We hope to expand the selection in this library and expand into those areas of skill and expertise that will be required by IEEE members in Region 3 in order to keep up with the relentless advance of technology. One of my first tasks will be to determine what these skills might be. Section Chairs - somebody in your Section should be thinking about what suggestions make sense in your area as I shall be contacting you to find out what you need - so have your list ready. If you have a good idea for an addition to our library and can't wait till I call you, then please contact me - phone, hard copy, E-mail any way you can - just don't let that good idea slip through the cracks.

MEMBERSHIP DEVELOPMENT

James M. Howard

The Membership Development Committee (MDC) held its first meeting of the new year at the Region 3 meeting in Louisville, KY. The meeting was a lively discussion of what has been done in the past by the MDC and of what the future actions of the MDC should be. A copy of a memo, written in 1983 by the incoming MDC Chairman, outlined what the com-

mittee needed to accomplish during its tenure. WE HAVE THE SAME GOALS LISTED FOR 1994!!!

So, with ten years behind us, we are still fighting the same MD problems. Obviously we need to concentrate on these goals and solve the problems!. Spinning our wheels is not a good use of volunteer time. Therefore, the present MDC will be asking for each Section's support and help.

Now to what the MDC can do to help the Sections in their efforts at MD. We plan to bulk purchase several items that can be used in the Sections MD activities. These will tentatively include:

- Can Cooler (Koozies)
- Flyers (Freezbies)
- Pens
- T-Shirts
- IEEE Tote Bags
- Etc

These, and hopefully other items, will be available to Sections at the bulk price in any quantity. This will allow a Section to purchase as little or as much as they need to carry on their MD projects.

These items, and maybe others, will be available at the Region 3 meeting at Southeastcon. The Section MD Chairs should let the Section Chairman know what items they feel would be helpful in their MD projects. Then, the Section Chairs should come prepared to go home with as many of these items as needed (or at least get a few of them and order more for later).

In addition we hope to be able to supply all the Region 3 Sections with a list of members who go into arrears. This list, which should be available sometime during March, will allow the Sections to contact these individuals to determine why they have not renewed their membership.

Please feel free to contact me if you have questions, comments, or concerns about MD.

Special Note: In attendance at the MDC meeting in Louisville was the MDC Chairman from four years ago, Allan Long. A special thanks to Allan for supplying the current MDC with documentation on the projects, goals, and surveys from his tenure as MDC Chair and for his continuing help on the present MDC.

PROFESSIONAL ACTIVITIES

Lee Stogner

How would you like to use your home computer to dial into a Region 3 BBS and access information on thousands of companies in the Southeast? Region 3 has funded a special project to fabricate a BBS from "off the shelf" hardware and software. The BBS will support database searches by a number of options to identify companies by company name, location, SIC code, etc.. Datebases will be based on CD-ROMs and/or commercial lists that can be obtained cheaply and regularly updated. If you would like to participate or have legal access to information files that can be included in the BBS, please contact me at the address listed at the back of this newsletter.

Region 3 PACE has goals of supporting projects at the section level this year. If you have a idea for a project, please document it on a PACE project proposal form and get it to me as soon as possible. We do have funding for projects but it is limited. So generate your ideas, make them realistic and worthwhile and get them to me. If you don't have the official form, please let me know and I will FAX one to you.

There is a requirement that every section have at least one PACE related meeting each year. To help your planning, we do have a collection of videos and scripts on PACE topics that are available on loan to you. Again let me know and I will forward information to you.

Two important PACE meetings are coming up this year. At Southeastcon '94 on April 8/9, all of the PACE chairman in the region are encouraged to attend a session in which we will provide training and discuss projects. During Labor Day weekend in September, the national PACE Workshop will be held in Phoenix. Some funding is available for travel but we ask you to please check with your company or section for the majority of your travel expenses to the meetings. Those Frequent Traveler coupons that you keep saving can also be used to attend the meetings.

Bottom line, find out what your

PACE needs are, get active, and let us know what we can do to help.

PUBLIC Information

Allen K. Thomas



We have come from horses to space missions in this millenium. What enhancements to the quality of life will engineers of the future discover?

The responsibility of the Public Information Committee is to provide a greater awareness and recognition of the advancements of technology and the invaluable role engineers play in shaping today's world. To meet this challenge, I have established four major goals for this year.

First, as we move toward the twentyfirst century, what abilities will be vital for the electrical engineering profession? A survey of industry and academia will assist in identifying those skills required to gain and maintain employment in today's "Reengineering" society. This information needs to be available to the membership and shared with the Educational Activities Committee. This will aid in developing programs that will provide our members with opportunities to maintain their competence in meeting the challenge of today's evolving technology.

Second, we must establish a resource center to assist in promoting the IEEE and Electrical Engineering. This center would include a list of speakers available for section meetings. We would also provide other technical and service organizations a list of volunteers that would promote the Electrical Engineering profession. There is also a need to prepare various media (slides, overheads, etc.) for use within Region 3.

Our third goal is to showcase the accomplishments of our members. Any

local, state, or national recognition needs widespread dissemination. Members that attain advancement within the IEEE must be recognized. Individuals and sections selected by Region 3 should receive more widespread recognition for their accomplishments.

Finally, We need to continue to support National Engineers Week as a vehicle to proclaim engineering as indispensable to challenge the technological frontiers of the future.

By gathering information through our survey, making it available to our profession, sharing news of our accomplishments and supporting National Engineers Week, the Public Information Committee should enhance the visibility of the electrical engineer and meet our

STRATEGIC PLANNING

Robert S. Duggan, Jr.



The SPC met on 4 February in Louisville, KY. Region 3 Director Powers reviewed her challenges and goals for the Committee: (1) Make the Operations Manual available electronically, (2) Update the Operations Manual prior to SECON94, (3) Revise the Reg. 3 By Laws and plan for approval by SECON95, and (4) As each SPC member is a former Director, mentor Region 3 Committees.

Assignments made are the following (Standing Committees/Mentor): Awards/V B Powers, Conference/R S Duggan, Education/D W Jackson, Finance/D A Conner, Membership Development/ K R Thompson, Professional Activities./D C McLaren, Public Information/W L Sullivan, Student Activities/ G F Abbott. These assignments include Work with Finance Committee on Budgets for 1995-2000, Review the IEEE Strategic Plan and develop a Region 3 Strategic Plan, Prepare for SPC review in 1994 by Eric Herz and Joel Snyder, Respond to Priority Recommendations from Sections Congress 93.

Other goals were identified: (1) Complete the draft of the Region 3 History, (2) Review the Awards Committee wording regarding eligibility.

Specific goals for the Region 3 Strategic Plan were defined (along with detailed objectives): (1) Increase Student Member transitions to full membership and increase member retention, (2) Improve Section leadership effectiveness, (3) Enhance accessibility of services to members (with strong emphasis on use of e-mail, (4) Strengthen availability of educational services and products to members, (5) With industry define professional needs of members during next decade. Maximize career potential for engineers in Region 3, (6) Enhance image of engineers, and (7) Review and improve structure of Region 3.

The next meeting of the SPC will be in Miami on 8 April.

STUDENT ACTIVITIES

Charles E. Hickman



The Region 3 Student Conference, hosted by Florida International University (FIU), promises to be an exciting adventure for all IEEE members. I have been impressed by the tireless efforts of the FIU students to ensure the success of the conference. For example, they have produced "Miami Movie," a video that not only describes conference activities but also features nearby tourist attractions. Highlights of the conference include the Paper Contest, Hardware Contest, Software Contest and Awards Luncheon.

The Hardware Contest is always competitive, exciting and well-attended.

The Paper Contest also involves a number of motivated students who represent IEEE well, and we urge you to attend their oral presentations on Monday morning, April 11. The culmination of our conference is the Awards Luncheon where we recognize all student activities for the year. See you in Miami.

E-MAIL

Daniel B. Koch



The Right Connections

Elsewhere in this newsletter you will find a list of all the sections in Region 3 and their connection status with regard to e-mail. In many cases you will see the notation "pending" next to a section name. In these cases a request has been sent recently to IEEE headquarters to establish a section alias. As you can see, we are well on the way to getting all sections connected electronically. I want to thank all of you for your help so far in making this possible. Let's work together to get the rest of the sections on board. You may send e-mail to all sections with the single address: sec.r03@ieee.org. Two other group addresses of interest are sb.r03@ieee.org (all student branches) and reg03.excom@ieee.org (all members of the executive committee).

If you currently do not use e-mail let me encourage you strongly to try it out. With e-mail, telephone tag becomes a thing of the past. Many services offer a very user-friendly interface and monthly rates less than \$10/month. You can also sometimes make arrangements with a local computer user group or university. Here is a sampling of service providers and 800 numbers.

America Online	800-827-6364
AppleLink	800-877-8221
AT&T Mail	800-247-7000
CompuServe	800-848-8990
Delphi	800-695-4005

GEnie 800-638-9636 MCI Mail 800-444-6245 Prodigy 800-776-3449 Sprint Mail 800-736-1130

Once you are connected, be sure to send a note to info.info@ieee.org to learn about the range of services available to you from IEEE. Two other addresses of interest are info.startup@ieee.org (how to get a section alias) and aliases@ieee.org (to request a personal alias). If you have any questions, feel free to contact me.

EMPLOYMENT ASSISTANCE

Dick Riddle



The USAB Employment Assistance Committee (EAC) is adding two new services to our IEEE members in 1994.

Job Bank USA

As I mentioned in my article published in the "Winter 1994-IEEE Region 3 Newsletter" the IEEE has become an Associate Partner in Job Bank USA operated by The Career Advancement Service. The following is a news release I received about the service: "As of January 1, 1994, IEEE-USA is offering members and their families a new, inexpensive job referral service in conjunction with JOB BANK USA, one of the nation's premier employment data base companies.

The Career Advancement Service brings employment assistance into the Information Age, by combining the speed and efficiency of a state-of-the-art computerized data base with a large client base of employers throughout the nation.

To use the service, an IEEE member submits a one-page enrollment form and up to two current resumes, from which is created a personalized electronic career record that is stored in the data base. When employers ask JOB BANK USA to fill open positions, its computer scans all electronic career records to identify qualified individuals. If a member is identified as a potential candidate, JOB BANK USA will call to see if he or she is interested in the position. If so, it will forward a copy of the member's original resume directly to the employer. The entire referral process takes only 48 hours to complete.

Among the benefits to IEEE members, the Career Advancement Service offers maintenance of the personalized electronic career record for a full year; a toll-free telephone number for updates and changes to the record during the year; a newsletter; and unlimited referrals to JOB BANK USA company clients. For more information and a Career Advancement Service enrollment form, call JOB BANK USA toll-free at 800-296-1872, and indicate IEEE affiliation. Until March 31, 1994, IEEE members and members of their families can enroll at an introductory rate of only \$27.00 — 65% less than the non-member price of \$75.00. After March 31, members will be eligible for a special, but slightly higher, rate."

As your Region 3 member of the USAB Employment Assistance Committee, I voiced my concern about our (IEEE) entering into a contract with another organization that claimed that they could help find employment for our members without providing some supported data on how many technical professional (engineers) candidates that had found employment by using this service. I'll let you know when and if I receive that data. My concern is based on our experience with PEER I and PEER II. Please let me know if you or any of your members use this service and the results.

Kinko's Copy Center

As of January 1, 1994, IEEE members, through the efforts of the Employment Assistance Committee, will receive a 10% discount on services such as resume creation, copying, FAX, computer rental, and other services. While the goal was to provide a discount for unemployed members to prepare a quality resume, any member of IEEE will receive the discount. Simply show your IEEE membership card at the front counter prior to

payment. The IEEE discount is not to be added to other discounts or special offers. Check with your local Kinko's for details. Call 1-800-743-COPY for the location nearest you.

I Need Help

I can not effectively represent you if you don't let me know what your views are regarding what IEEE should be doing about employment assistance for our members. Should we be in the business of trying to help find jobs for our members? The services that IEEE is now providing can be obtained via IEEE E-Mail by sending a message to: info.ieeeusa.employ@ieee.org Be ready to receive 14 pages of information. If you do not have E-Mail, write me and I'll send you a copy. I am open to any ideas, comments, or suggestions concerning employment assistance.

LEADERSHIP DEVELOPMENT

J. Cullen Wright



SoutheastCon '94/Region 3 Committee meeting in Miami will provide the opportunity to attend a Leadership Development Workshop. This workshop is oriented toward new chapter, section,m area, and council officers who are coming aboard in their new positions. Information on the Institute hierarchy and organization will cover areas such as bylaws, constitution, and policies plus procedures for reporting, running a successful section or council/area, and chapter and society involvement. At least one officer from your organization should attend. For those attending, hardcopy will be provided via manuals to take back to their sections for future ready reference and sharing with those not attending.

Nominations

Vernon B. Powers

In accordance with IEEE Bylaw 314 and Region 3 Bylaw Section 5, the Region 3 Nominations and Appointments (N&A) Committee is now accepting nominations for the Region offices for Delegate-Director and Vice-Chairman. All candidates nominated for the office of Delegate-Director shall be at minimum Senior Member grade.

All Region 3 Committee member nominations shall be received on or before June 1, 1994. Nominations should be mailed to the Region 3 N&A Committee Chairman at the address listed in the Region 3 directory in this newsletter.

SPECIAL REVIEW

Daniel W. Jackson



"ARE YOU DOING THINGS RIGHT?"

The Special Review Committee was created to review the standing committees of the region to determine if they were doing things right. Are they following their charters and accomplishing their goals? It also serves to remind Section and Area/Council leaders that you should being reviewing your own organizations to be sure you are "Doing things right."

There is another facet to the review which is not always as well recognized.

"ARE YOU DOING THE RIGHT THINGS?"

We need to constantly look at all our activities to make sure they are serving the members needs. Each year we set goals which many times are extensions of previous year's goals. A more in depth

FIVE SECTIONS RECEIVE EXEMPLARY SECTION AWARD

The Region 3 Exemplary Section Award recognizes outstanding section leadership, management, and administration for the immediate past section year. We are proud to present the following sections with this award at SoutheastCon '94:

Alabama Section
New Orleans Section

East Tennessee Section Florida West Coast Section

Orlando Section

THE IEEE FINANCIAL ADVANTAGE PROGRAM AT SOUTHEASTCON '94 APRIL 10 - 13, 1994

Member Benefit Highlights include:

- * No Load Mutual Funds
- * No Annual Fee Credit Card
- * Tax Deferred Annuities
- * Discount Copying
- * Car Rentals

- * Bank Services
- * Airborne Express
- * Insurance
- * Long Distance Phone Service

And More!!!

For information on any of the above benefits, stop by the <u>IEEE Financial Advantage Program</u> booth and/or Hospitality Room. Be sure to consult your **SoutheastCon '94** Program for additional information.

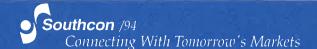
And remember, even if we will not see you at SoutheastCon '94, you can call *1-800-GET-IEEE*, 24 hours a day, 7 days a week to request valuable information on the *Financial Advantage Program*, **NOW!!.**.

CALL 1-800-GET-IEEE
AND GET THE IEEE ADVANTAGE

look might reveal that some activity is not serving the members and should be dropped to be replaced by another. For instance, does a section meeting truly meet a need or would a series of Saturday morning seminars be a better use of the section resources? Section executive committees need to look at all their activities in light of the changing engineering environment to determine how best to serve their members. Remember to ask yourselves both of these questions:

"ARE WE DOING THINGS RIGHT?" "ARE WE DOING THE RIGHT THINGS?"





The Southeast's largest exhibition and conference for design engineers and electronics purchasing professionals returns to Orlando, Fla., March 29-31, 1994, with products and technical information to meet your professional needs:

Hundreds of live product demonstrations from manufacturers and suppliers of semiconductors and passive components; test and measurement equipment and instruments; and manufacturing materials and services

New Computer Technology Showcase, highlighting the latest in Computer OEM Systems and Subsystems; EDA Tools and Software; Programmable Devices and Local Area Networks

Idea-generating technical sessions focusing on Recent Technological Advances, Applications, Systems and Engineering

Special Keynote Panel discussing exciting new technologies and projects that will have a major impact on industry throughout the state. Scheduled topics include *The Space Station Freedom, Electric Vehicles, Recent Advances in Power Electronics and Applications, Recent Advances in Fiber-Optics/Lasers, and Applications of Neural Networks.*

Sponsored by Region 3, Florida Council, IEEE & and Sunshine Chapter, ERA 🖘

Don't Miss Southcon/94
For more information, call 800-877-2668

March 29-31, 1994 Orange County Convention Center Orlando, Florida

Region 3 Award Recipients to Receive Recognition at SoutheastCon '94



David A. Conner

David A. Conner, Ph. D., P.E. To Receive Outstanding Service Award

David Conner has served IEEE with distinction for 32 years at all Institute levels. During the last 15 years, Dr. Conner has been an extremely active member of the Alabama Section, holding every elected office and numerous appointed positions. He also has actively contributed to the Education Society of IEEE in a variety of offices over the past 11 years.

Dr. Conner is the immediate Past Director of Region 3. During a term characterized by innovation, he also served the Institute as a member of the United States Activities Board and the Educational Activities Board. He was an ABET evaluator for four years and Chairman of the Board of the Alabama Board of Registration for Professional Engineers and Land Surveyors. His list of service to other professional and community organizations is impressive as well.

Dr. Conner was born in Greenville, Alabama and attended Auburn University and the Georgia Institute of Technology. Active in the teaching profession since 1961, he is the Chairman of the Department of Electrical Engineering at the University of Alabama, Birmingham, and Co-Director of the Center for Telecommunications Education and Research.

David Conner is being presented the Region 3 Outstanding Service Award for his outstanding and dedicated service to IEEE at all Institute levels.



Bimal K. Bose

Bimal K. Bose, Ph. D. To Receive Outstanding Engineer Award

Bimal Bose holds the Condra Chair of Excellence in Power Electronics at the University of Tennessee, Knoxville, following 15 years of teaching and 11 years performing research for General Electric. In a simultaneous position as Distinguished Scientist at EPRI's Power Electronics Applications Center, he has led the effort to promote university-industry collaboration.

Dr. Bose has received international recognition for outstanding contributions as a technical leader, researcher, inventor, author, and educator in the field of power electronics and machine drives. He has made pioneering research contributions in power converters, pulse width modulation techniques, microprocessor control, control of AC drives, electric vehicle control, and expert system and fuzzy logic applications in power electronics.

His publications span almost every aspect of power electronics systems. He has promoted the field of power electronics and drives throughout the world with lecture tours and state-of-the-art papers in IEEE and non-IEEE literature. The author of more than 100 technical articles and 170 technical presentations, Dr. Bose holds 18 U.S. patents. Several of his books have been translated into other languages

A graduate of Calcutta University in India and the University of Wisconsin, Dr. Bose is the recipient of a General Electric Silver Patent Medal. The India Institute of Electronics and Telecommunications Engineers established the Bimal Bose Award in Power Electronics in his honor in 1983.

Bimal Bose is being presented the Region 3 Outstanding Engineer Award for his outstanding achievements in power electronics and drive technology.



T. Vaughn Blaylock

T. Vaughn Blalock, Ph. D. to Receive Joseph M. Biedenbach Outstanding Engineering Educator Award

T. Vaughn Blalock has been a valued member of the faculty at the University of Tennessee, Knoxville, for more than 32 years. He has headed the electronics area of the Electrical Engineering Department for more than 25 years and is largely responsible for the department's reputation in this field.

Dr. Blalock has conducted research for NASA, the Oak Ridge National Laboratory, the National Institute of Justice, and the Electric Power Research Institute. He is the author, co-author, or presenter of 76 technical publications and ten papers at national and international IEEE conferences. Dr. Blalock holds five U.S. patents and is recognized as an expert in the design of low-noise preamplifiers and sophisticated instrumentation. Noted for his remarkable vigor and enthusiasm as well as his technical ability, his classes are popular with the students at UT.

T. Vaughn Blalock is being presented the Region 3 Joseph. M. Biedenbach Outstanding Engineering Educator Award for his outstanding achievements in electronics education and research.

Virginia Council

Central Virginia Hampton Roads

Richmond

sec.centralvirginia@ieee.org sec.hamptonroads@ieee.org sec.richmond@ieee.org

sec.virginiamountain@ieee.org

Virginia Mountain North Carolina Council

Central North Carolina

pending

Charlotte

Hickory

Eastern North Carolina

sec.enorthcarolina@ieee.org

Lower Cape Fear

Greenville

Weastern North Carolina

Winston-Salem

sec.winstonsalem@ieee.org

Area 3

Atlanta Savannah sec.atlanta@ieee.org sec.savannah@ieee.org sec.centralgeorgia@ieee.org Region 3

Central Georgia Florida Council

Canaveral

Florida West Coast Gainesville

sec.floridawestcoast@ieee.org sec.gainesville@ieee.org

sec.canaveral@ieee.org

Jacksonville

Miami Orlando sec.miami@ieee.org sec.orlando@ieee.org Sections

Palm Beach

Tallahassee Area Northwest Florida

sec.nwflorida@ieee.org sec.daytona@ieee.org sec.broward@ieee.org

sec.tallahassee@ieee.org

Daytona Broward S Brevard Indian River

sec.sbrevard.indianriver@ieee.org

Jamaica

sec.jamaica@ieee.org

on

Tennessee Council

Chattanooga East Tennessee Memphis

sec.chattanooga@ieee.org sec.easttennessee@ieee.org sec.memphis@ieee.org

Middle Tennessee

Nashville

pending sec.oakridge@ieee.org Oak Ridge

Tri Cities

sec.tricities@ieee.org

Area 6

Alabama

sec.alabama@ieee.org

E-Mail

Montgomery

sec.batonrouge@ieee.org **Baton Rouge**

Huntsville Mississippi

NE Mississippi

Mobile sec.mobile@ieee.org

New Orleans

South Carolina Council

Central Savannah River Coastal South Carolina

pending

Columbia

Piedmont pending

Area 8

Evansville-Owensboro Paducah (inactive)

Lexington

sec.lexington@ieee.org

Louisville

pending

LAPTOPS...THE REST OF THE STORY

by Deborah M. Powers

At the December 1994 Region 3 Executive Committee Meeting, a proposal to buy laptops for the use of the Region 3 Executive Committee was discussed. One outgoing member of the ExCom felt particularly strongly about the issue, and used his Area Chair column in the following newsletter to speak out, and followed this with an E-Mail message to some unknown audience (I was not copied). I did not write anything about the proposal in that newsletter for two reasons: first, the proposal was in an extremely formative stage, and second, I did not think it was fair to voice an opinion without giving "equal time" to other views

Since the article and E-Mail message, I have received one very professional inquiry from an Area 3 Section Chair. I was told of one section ExCom that voted unanimously in favor of the concept, and one council Excom that was equally opposed. Today, I was copied on an article published in a section newsletter that voiced a negative view. Unfortunately, it was based on one person's opinion, contained no background information, and either omitted or distorted some of

So that this does not get (further) out of hand, and since this was my proposal originally, I asked Brian to hold the newsletter so that I could give you the background and facts you need to have an informed opinion on this subject.

BACKGROUND

I attended Sections Congress in 1987, and noticed that many of the viewgraphs were handwritten. Evidently other people noticed this, too, because one of the recommendations was that the IEEE start to use some of the technology its members had invented. In the seven years since, IEEE staff/Field Services has gone from typewriters and dumb terminals to PCs, E-Mail, and things like ROOT and the RAB Awards Manual being available on disk.

In 1992, the Board of Directors decided to move toward "paperless" meetings, by buying a laptop computer for the use of each Board member. Because the cost of copying and shipping the amount of paper used at BoD meetings is so great, eliminating it through the laptops saved enough money so that it was estimated that the laptops paid for themselves within their first year of use.

There were some other benefits, as well. I was a RAB Committee Chair in 1988 and 1989, and attended RAB and BoD meetings at that time, so I knew what to expect when I attended the RAB and BoD meetings in November 1993 during Orientation. I was astonished to find that the meetings were virtually unrecognizable! Gone was the rustling of paper and the snapping of notebooks...gone was the endless cry of "I don't have that page!" and the wait while the offending page was tracked down. The meetings took less time, and they accomplished much more! After one of the RAB Committee Chairs explained to me how easy it was for him to write all of his E-Mails between meetings, in the airport, or wherever he was, and how he just called his home computer and "traded" E-Mails. I was convinced that Region 3 could benefit from this technology.

THE DECEMBER MEETING

I shared this with the Executive Committee in December during the Caucus portion of the meeting. Some of the questions were: "Does it make more sense to lease computers for just the meeting?" (The feeling was that much of the benefit would be obtained through use between meetings).

"Who owns the computers?" (Region 3 - they are only a LOAN). "Should we get older, used equipment, or some very basic equipment to save money?" (Feeling was strong that the opposite was true - that the computers needed to be well-equipped in order to be useful for more than a few years.)

"Where does the money come from?" (The money would come from conference proceeds - primarily an unexpected return of capital from the SouthCon show of \$29,000. None of the money would come from member rebates.)

During the ExCom Meeting, I made a motion that the ExCom purchase laptop computers for the voting members of the ExCom, and accepted a friendly amendment that the vote would be to "approve in principle", pending further investigation into the feasibility of the concept.

The motion was approved by the "narrow margin" of 9 for, 6 against (and keep in mind this was the OUTGOING ExCom, many of whom would not be the ones receiving the laptops! Also keep in mind that I did not vote, although I was entitled to - making the "true" vote more like 10 for, 6 against.).

The "Laptop Committee" met later that evening in a workshop format to discuss hardware and software requirements.

THE FEBRUARY MEETING

The "Laptop Committee" exchanged numerous E-Mails between December and February on specific machines. They met at a standing room only meeting prior to the February ExCom, and came to the conclusion that the equipment required would cost more than the \$2000 per machine they had budgeted. The Committee felt that the prices of these machines would come down into our price range in the near future.

WHAT'S NEXT?

If the Laptop Committee finds the required equipment within the \$2000 price range, they will bring a motion before the ExCom to purchase the machines. At that point, it is a simple majority vote.

SOME FINAL WORDS...

Many of you are section officers, elected by the members. Some of you are Council officers, elected by the sections in your council. Jim Beall and I are region officers, elected by the members in the region.

At each level the elected officers administer the affairs of their entity with the help of an Executive Committee, or something like it, with the idea that the democratic process would prevail. Over a period of time, there are bound to be disputed issues - one where the voting is not unanimous. How would you take it if one of your section's officers, after failing to convince the majority of the rightness of his position, starting publishing and disseminating one biased viewpoint, with no background and distorted facts? No happier than I was, I'll bet.

You are all entitled to your opinions on this matter, and I welcome your input, as I'm sure your Area or Council Chair will. I would ask those of you who are publishing newsletters to exercise some journalistic cautions when publishing any secondhand information that presents "facts" - check your "facts", and think carefully about presenting only one side of an issue that you know must have at least one other side.

I personally feel very strongly that IEEE needs to take a leadership role in the use of computer technology and electronic communication. I think that we are talking about "when", not "if", and that the use of portable computers will be as accepted in the future as having a VCR and microwave is now (remember when nobody but the "technofreaks" had one? Was that so long ago? Think about how few people you know who don't have these things, how many consider them essential to life, and how many have two!). This technology is our future, and I'd like to see us lead the way - and the only way to get somewhere is to start moving.



Region 3 Director

Deborah M. Powers

3985 Heathwood Lane Norcross, GA 30092

(404)263-9200x4238 O (404)449-6114 H (404)441-3757 F D.POWERS@IEEE.ORG

Region 3 Vice Chairman

James H. Beall

9836 Stephenson Drive New Port Richey, FL 34655

(813)376-2790 H

J.BEALL@IEEE.ORG

Region 3 Secretary

Richard E. Beatie, P.E.

Tampa Electric Company Telecom-ESA, PO Box 111 Tampa, FL 33601-0111

(813)228-1111x41925 O (813)289-0252 H (813)228-1000 F R.BEATIE@IEEE.ORG

Region 3 Treasurer

Rov H. Harris

2025 Nottingham Lane Burlington, NC 27215

(910)292-8900 O (910)584-7910 H (910)292-2666 F R.HARRIS@IEEE.ORG

Region 3 **Past Director**

David A. Conner, Ph.D., P.E.

4605 Summit Cove Hoover, AL 35226-4207

(205)934-8440 O (205)733-9346 H (205)934-8437 F D.CONNER@IEEE.ORG

Area 1 (VA Council) Chairman

Russell J. Churchill

402 Third Street Radford, VA 24141

(703)731-0655 O (703)639-9542 H (703)731-0836 F

Area 2 (NC Council) Chairman

Ronald C. Harrell, P.E.

1210 Shadow Bark Court Raleigh, NC 27603

(919)715-1970 O (919)779-0990 H (919)715-2018 F

Area 3 (Georgia) Chairman

Dennis A. Ludwig

PO Box 281 Warner Robins, GA 31099-0281

(912)926-5433 O (912)293-2780 H

D.LUDWIG@IEEE.ORG

Area 4 (FL Council) Chairman

Iames M. Howard

Tampa Electric Company PO Box 111 Tampa, FL 33601

(813)228-1958 O (813)876-1748 H (813)228-1056 F J.HOWARD@IEEE.ORG

Area 5 (TN Council) Chairman

Hugh Lowe, Jr.

256 Moore Link Road Portland, TN 37148

(615)736-5603 O (901)325-9589 1-1

Area 6 (AL, LA, MS) Chairman

Dale C. Caston

365 Canal Steet, Room 1080 New Orleans, LA 70140

(504)528-2500 O (504)887-2479 H (504)528-7407 F D.CASTON@IEEE.ORG

Area 7 (SC Coun.) Chair **PACE Chairman**

Lee Stogner

6 Shelly Lane Route 6 Taylors, SC 29687

(803)627-9200 O (803)794-3674 H (803)627-9188 F L,STOGNER@IEEE.ORG

Area 8 (Kentucky) Chairman

Joseph D. Cole, Ph.D., P.E. Dept. of Electrical Eng.

Speed Scientific School University of Louisville Louisville, KY 40292 (502)588-6289 O (502)897-6828 H (502)588-6807 F J.COLE@IEEE.ORG

Awards & Recognition Chairman

Allan H. Long, P.E.

108 Eastland Drive Memphis, TN 38111

(901)528-4859 O (901)683-6967 H (901)528-4984 F A.LONG@IEEE.ORG

Conference Committee Chairman

David Green

933 Shadybrook Circle Birmingham, AL 35226

(205)934-8440 O (205)822-3137 H (205)934-8437 F D.GREEN@IEEE.ORG

Educational Activities Chairman

Fred Symonds

The University of Tennessee Dept. of Electrical and Computer Engr Knoxville, TN 37996

(615)974-5475 O (615)588-3160 H (615)974-5492 F

F.SYMONDS@IEEE.ORG

Membership Develop. Chairman

James M. Howard

. Гатра Electric Company PO Box 111 Tampa, FL 33601

(813)228-1958 O (813)876-1748 H (813)228-1056 F J.HOWARD@IEEE.ORG

Public Information Chairman

Allen K. Thomas

16 Rose Wood Drive Greenville, SC 29607-5100

(803)862-5718 O (803)963-9145 H (803)862-6265 F A.THOMAS@IEEE,ORG

Strategic Planning Chairman

Robert S. Duggan, Jr., P.E.

1112 Mason Woods Drive Atlanta, GA 30329-3804

(404)636-2110 H

R.DUGGAN@IEEE.ORG

Student Activities Chairman

Charles E. Hickman, Ph.D., P.E. Center for Electric Power Tennessee Tech. University Box 5032 Cookeville, TN 38505 (615)372-3875 O

(615)526-1160 H (615)372-6172 F C.HICKMAN@IEEE.ORG

Student Representative Region 3

Natalie A. Little

3021 N. Sharon Amity Charlotte, NC 28205

(704)547-3271 O (704)567-1463 H (704)547-2352 F NALITTLE@MOSAIC.UNCC.EDU

E-Mail Coordinator Region 3

Daniel B. Koch, Ph.D

424 Ferris Hall University of Tennessee Knoxville, TN 37996-2100

(615)974-5443 O (615)675-3635 H (615)974-5492 F D.KOCH@IEEE.ORG

Employment Assistance Region 3 Chairman

Richard L. (Dick) Riddle

2725 London Lane Winston-Salem, NC 27103-5726

(919)765-9702 H

R.RIDDLE@IEEE.ORG

Leadership Develop. Chairman

J. Cullen Wright

500 Mountainside Drive Waynesville, NC 28786

(704)452-2921 O (704)452-2921 H (704)452-2011 F

Newsletter Editor Region 3

R. Brian Skelton

8085 Windersville Drive Bartlett, TN 38133

(901)528-4333 O (901)388-6930 H (901)528-4087 F B.SKELTON@IEEE.ORG

Nominations Chairman

Vernon B. Powers

3985 Heathwood Lane Norcross, GA 30092

(404)449-6161 O (404)449-6114 H (404)441-6161 F

Special Review Comm. Chairman

Daniel W. Jackson, P.E. 5704 Castle Rock Road Roanoke, VA 24018-6106

(703)774-0484 H (703)774-1681 F D.JACKSON@IEEE.ORG

SoutheastCon '94 Meeting Schedule

Saturday							
	Room 1	Room 2	Room 3	Room4	Room 5	Room 6	Room 7
800 an	n Florida	NC	SC	Tennessee	Virginia	Joint	Conf.
900	Council	Council	Council	Council	Council	Area	*
1000		90	"	*	*	Meetings	9
1100	"	20	*		9		
noon			LUNCH				
100 pn	n PACE	Student	Leader-	Awards	Email	Education	
200	PACE	Training	ship	Awards	Email	Education	
300	PACE	Trial	Develop-	MD	Email	Olympics/	
400	PACE	*	ment	MD	Email	IEEE	
500	PACE	20	"	MD	Email	0.00	
600		· ereren en inimalina	DINNER			· · · · · · · · · · · · · · · · · · ·	************
700	PACE	*	Region				
800	PACE	AL .	Caucus				
900	PACE	9C	**				
1000	PACE	9	9				
1100							
*****	**********	*********	*********	***********	********		
Sunda	y						
900	PACE		Region				
1000	PACE		EXCOM				
1100	PACE		"				
1200		LUNCH					
100			Region				
200			Annual				
300			Meeting				
400							



The Institute of Electrical and Electronics Engineers, Inc. Memphis Section, c/o Ray Ward 3179 Ridgecrest Memphis, TN 38127

Dated Material - Please Do Not Delay

