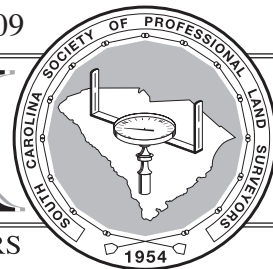


# BENCHMARK

THE NEWSLETTER OF THE SOUTH CAROLINA SOCIETY OF PROFESSIONAL LAND SURVEYORS



*An affiliate of the National Society of  
Professional Land Surveyors*

Dale C. Swygert, Editor  
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## GENERAL MEMBERSHIP MEETING

SATURDAY - MARCH 7, 2009  
1:30 PM



CAMP BUCKHORN  
PARIS MOUNTAIN STATE PARK  
GREENVILLE, SC

Luncheon and Demo

Sponsored by Allen Precision 12:00 PM

Chapter Cook-off Fellowship - 5:00 PM

## PRESIDENT'S MESSAGE

Dear Fellow Members,

**H**appy New Year! I hope that every one of you had a joyful holiday season. Thanks to the current economic situation, for the first time in years I was able to enjoy a little more time with friends and family.

I hope that you were able to make it to the December meeting, and meet our new administrative assistant Kim Long. She and Brenda have been busy getting ready for the education conference and trade show February 26-27th held in Columbia. Thank you to Colonel Dion and the Citadel for hosting our seminar and General Membership meeting. It is always a pleasure to visit the Citadel campus. The Duncan Parnell Team put on an informative program, and sponsored the evening social. The program focus was on integrating Laser Scanning Technology into everyday workflow. We got a glimpse of the powerful tools available, and some helpful ideas for targeting new markets. The Citadel even got a free survey of the façade of Bond Hall. After the seminar and meeting, we enjoyed camaraderie, football, and Chuck Dawley's BBQ at the Sullivan's Island Fish Fry Shack.

On January 20, I had the opportunity to speak at the licensing ceremony for new registrants. This ceremony at the State House and reception at the Palmetto Club are sponsored by the South Carolina Society of Professional Engineers and South Carolina State Board of Registration for Professional Engineers and Surveyors. I tried to impress upon those present the opportunities for personal and professional growth through activity in their respective societies. I was pleased to speak with several of the new registrants, and hear their perspectives on the direction of the profession. I think that we have added a few good surveyors to our ranks, and hopefully to our membership roles.

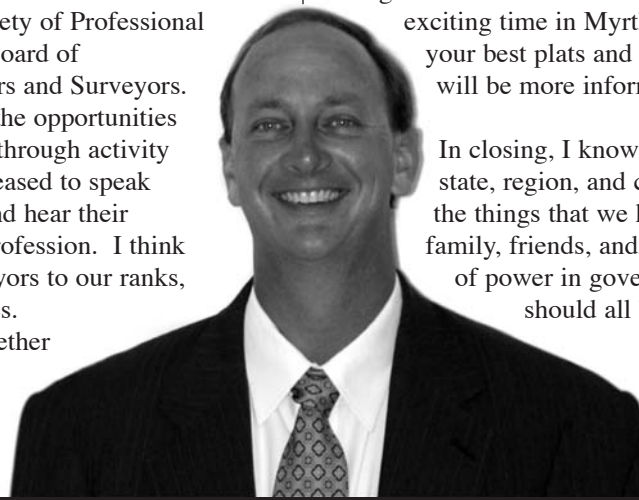
The next chance for us to get together will be at our Trade Show and Continuing Education Conference held February 26-27 at the Radisson

Hotel and Conference Center in Columbia. The education committee, lead by Joe McIntyre, has been hard at work lining up a slate of classes that make deciding what to take difficult. The opening session "A Vision for the Surveying Profession, and How to Get There" by Dr. David W. Gibson is sponsored by our LLR Board, and open to all registered attendees. Sign up early to get your first choice, these classes will fill up. Breaks have been arranged, and staggered to allow surveyors ample time to walk the trade show floor and check out the latest innovations, and visit with vendors. If you did not get a conference packet in the mail, please visit our website and download the brochure. Speaking of websites, please thank Dale Swygert, and pat him on the back for all of his hard work maintaining and updating the SCSPLS site, and also send him stuff to put on it. Our website is a valuable asset to keep us all linked together between Benchmark publications and meetings on a state and local chapter level.

Our next General Membership meeting will be March 7th at Camp Buckhorn. Please try to attend. This is the meeting at which we nominate new officers, eat really good food, and have a great time. Get ready for our convention. Please pencil it in June 10-13 on your calendar and review the enclosed agenda. Lewis Moore has been working hard, planning an exciting time in Myrtle Beach. Don't forget to look up your best plats and turn in for the Plat Contest. There will be more information to come on that soon.

In closing, I know that times are hard all over the state, region, and country; but don't forget all of the things that we have to be thankful for. We have family, friends, and freedom. The peaceful transfer of power in government is a blessing for which we should all be grateful.

Sincerely,  
Lee Frank  
SCSPLS 2008-09 President



## CAMP BUCKHORN, PARIS MOUNTAIN STATE PARK Greenville, SC

Paris Mountain State Park, Greenville, SC, one of the oldest protected areas in the state is gaining popularity as a beautiful retreat in a metropolitan area. Formerly a watershed for the city of Greenville, the 1540-acre Paris Mountain features large stands of old growth hardwood forests that canopy over hiking and biking trails, a family campground, picnic areas and Camp Buckhorn, a group-camp complex. Paris Mountain State Park was developed in 1935 by the Civilian Conservation Corps (CCC), a New Deal Program created by President Franklin D.



Roosevelt. The CCC was instrumental in the development of many of South Carolina's state parks. A number of buildings built by the CCC in the 1930s are still in use at the park along with the lakes and dams built by the Paris Mountain water company in the late 19th century which make this park a historic district on the National Register. For more information on the park, go to: [parismountain@scprt.com](mailto:parismountain@scprt.com)

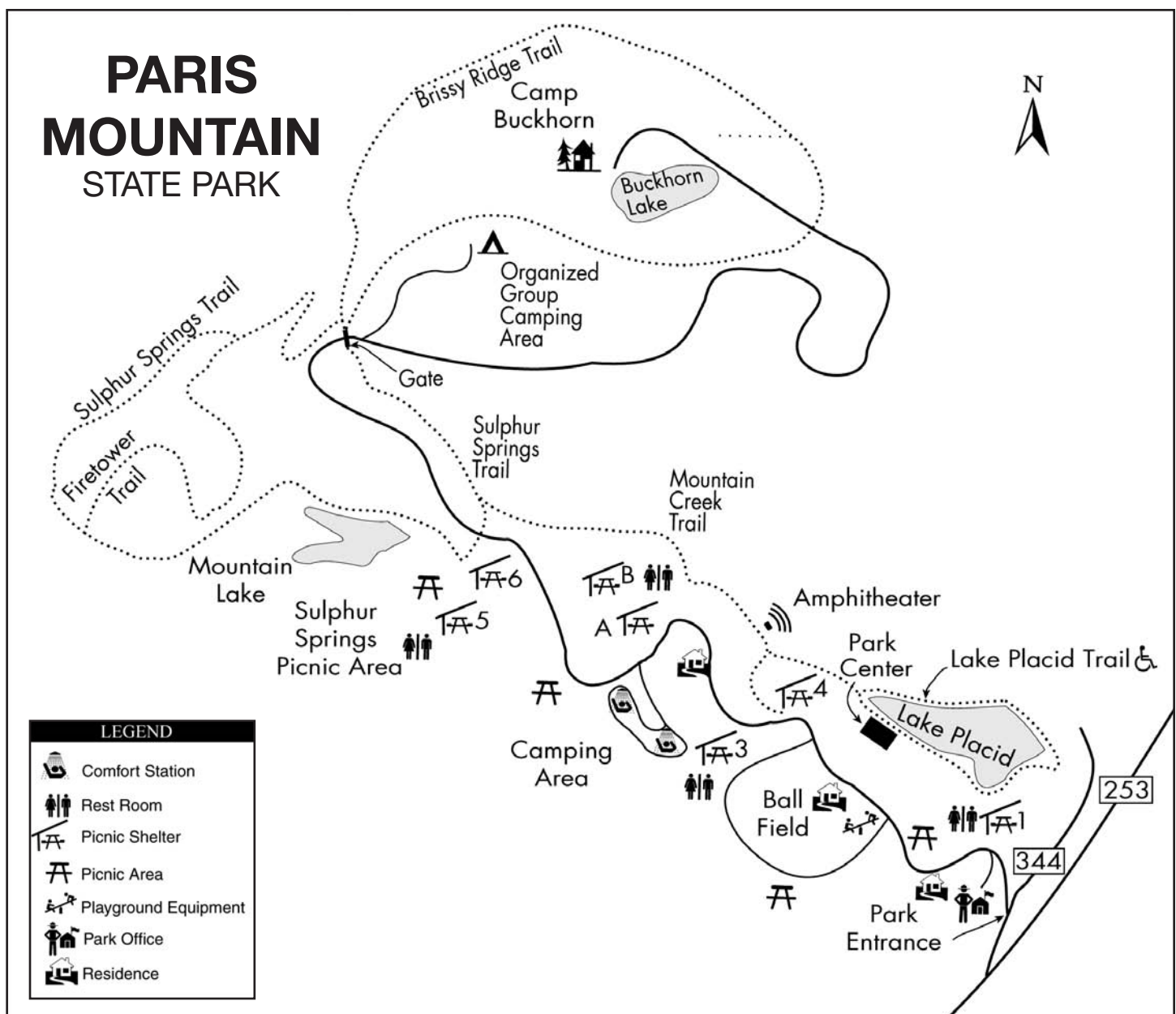
**Driving Directions:** From I-385: Take exit onto N. Pleasantburg Dr., (Hwy 291) for approximately 4 miles. Take a right on Piney Mountain Rd. Go to the 1st light and turn right. Park is 2 mi. ahead on the left.

**Cabins:** We always have a lot of fun and fellowship with great food from each corner of the state! Plan to come for the weekend and bring your family. The camp lodge offers a full kitchen with basic cooking and eating utensils, a meeting room, sleeping room, a restroom, and shower facilities for men and women. In addition to the lodge, there are ten primitive cabins (heat available). Each cabin is equipped with two sets of bunk beds. A centralized, unisex shower facility is located among the cabins. The cabins at Camp Buckhorn are available free of charge on a first come basis, check in 3:00 PM Friday, March 6th and check out on Sunday, March 8th, at 1:00 PM. There is no charge for the cabins. To reserve your cabin, call Bobby Foster. If you prefer hotel lodging, you can contact the Sleep Inn in Travelers Rest at 864-834-7040 or Hampton Inn at 864-834-555. Contact information: Bobby Foster email FosterRA@dot.state.sc.us or phone: 864-241-1014 x 438 (office) or 864-895-0955 (home).

**Meeting:** SCSPLS General Membership will begin the meeting

at 1:30 PM. Nominations for SCSPLS officers for 2008-09 will be accepted from the nominating committee and from the floor at the meeting for the following offices: Executive Board-Vice Pres., Secretary, and District Directors for Districts 1, 3 & 5. If you are interested in serving in one of these positions, contact Mr. Bobby Foster, Nominating Committee Chairman or Mr. Larry Beasley or Mr. Ben Christensen, members of the nominating committee. Persons nominated must be in attendance at the meeting or letter of acceptance presented.

**Chapter Cook-Off:** Each chapter is asked to help with the menu for Saturday evening or make a donation to help with the cost. Please e-mail the information as to which food items your chapter will be bringing to Kevin Schwacke, Activities Director, at schwackek@bellsouth.net or phone 843-762-7005 (office) or 843-573-8774 (home). He will also need an approximate number of those attending the dinner from your chapter in order to prepare the correct quantity of food.





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- Bluetooth Wireless technology
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- Up to 9,900ft distance measurement (3,000m)

per month: **\$135.90**



### FC-100 W/ TOPSURV 7

- Field Computer & Controller
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per month **\$43.20**



### BANTAM RADIOS

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### MAGNATRAC 200

Instrument control panel features LCD visual display and water-repellent push button switch operation. Seven year warranty.

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Heavy duty wood tripod with quick clamps, large round head & replaceable points.

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per month **\$3.20**



### CST QUICK-LOK

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*"What attracted me to Hayes at first was the 'Worry-Free' Lease because it fit so well into my business plan. It allowed me to get the equipment that I needed to start my business, without expending my entire budget. One of the most important parts of any business plan is the exit strategy. The 'Worry-Free' Lease allowed me to return the equipment with no further obligation if need be. As I grew, I learned the most important part of the lease is that I could trade up to better technology, without the obligation of making payments on equipment that I wasn't using.*

*Advancing technology is at the heart of my business plan. It allows me to compete directly on projects in ways that weren't possible 8 or 10 years ago. It takes a lot of effort to stay on the leading edge and it takes support as well. Hands down, Hayes has the best technical support that I have ever used. They know their equipment and they know their software.*

*When I need an answer, I need it now. I'm not real interested in excuses, and I don't appreciate the line: 'Johnny is busy right now and maybe he can call you back tomorrow.' If I tell my clients that maybe I can meet their schedule, I'm reasonably certain they will tell me that maybe they can get someone else. Hayes understands that and they*

*have always given me strait answers to every question I've asked. Sometimes the answer is yes and sometimes the answer is no, but my clients get the truth from me and that's what I get from Hayes.*

*There will always be logistical issues in surveying. The one thing I haven't learned to do is to be in two places at once, but I am working very hard on learning how to do that. Hayes in Tennessee and me in Florida has never been an issue. The truth of the matter is that with overnight deliveries, the internet, email, FTP access and the telephone we can all do business with just about anyone we want.*

*I'm a Consulting Surveyor and I wouldn't have it any other way. Things change and my business will change right along with them. The keys are motivation, support and always remembering that the harder we work, the more luck we have."*

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**GULF SURVEYORS GROUP, INC.**  
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# SCSPLS GENERAL MEMBERSHIP MEETING SATURDAY, MARCH 7, 2009 1:30 P.M.

Camp Buckhorn, Paris Mountain State Park, Greenville, South Carolina

## Welcome & Invocation

**Meeting Format:** Robert's Rules of Order

## Agenda Approval

## Minutes Approval

## Financial Report

## Delegate Reports:

- SC Council of Eng. & Surv. Soc.
- NSPS Governor Report
- SMAC/GIS Delegate Report
- SC Utilities Committee Report
- The Auxiliary

## Chapter Representative Reports:

- Aiken Chapter
- Central Chapter
- Coastal Chapter
- Foothills Chapter
- Grand Strand Chapter
- Low Country Chapter
- Midlands Chapter
- Mid-State Chapter
- Northwest Chapter
- Pee Dee Chapter
- Thomas C. Anderson Chapter
- Tri-County Chapter
- Upper Piedmont Chapter

## District Director's Reports:

- District 1
- District 2
- District 3
- District 4
- District 5
- District 6

## Committee Reports:

- Activities & Programs
- Constitution & By-Laws
- 2009 Convention
- Education
- Ethics & Standards of Practice
- Four-Year Degree
- GPS-VRS Committee
- Insurance
- Legal & Legislative
- Membership
- Newsletter, Plat Contest Surveyor of the Year
- Past Presidents Council
- Public Relations
- ROD Committee
- Scholarship Committee
- State Parks Committee
- Survey Contest
- Web Site Committee
- Yearbook

## Business

State Board Report

Nominations for 2009-10 SCSPLS Board of Directors

## Closing Comments

**Adjournment:** Join us for a social and equipment demo before the meeting sponsored by Allen Precision and Chapter Cook-off after the meeting.

President Lee Frank

President Lee Frank

President Lee Frank

Dec. 6, 2008

Ben Christensen

Carl Bostick

Henry Dingle

Jody Mitchell

Aaron Taylor

Lesa Jenkins

Bill Tripp

Brian Pate

Tim Maull

Bryan Gosnell

Wendell Powers

Ray Cook

Rick Inman

Bart Dominick

Greg Sosebee

Ferrell Prosser

Wayne Reynolds

David Thomas

Jody Mitchell

Kevin Schwacke

Al Whitworth

Tom Abraham

Dennis Clinkscales

Burnett Jenkins

Mike Culler, Jr.

Kevin Schwacke

Ronnie Tyler/Bill Tripp

Lewis Moore

Joe McIntyre

Bryan Gosnell

Bart Dominick

Matt Wellslager

Dennis Clinkscales

Ben Christensen, Skyler Ericson

Lewis Moore

Dale Swygert

Bobby Foster

Chuck Dawley

Al Whitworth

Burnett Jenkins

Mike Culler, Jr.

Upper Piedmont Chapter, Jody Mitchell

Dale Swygert

Robert Praete

Gene Dinkins/Thurl Amick

Bobby Foster, Nominating Com. Chmn.

President Lee Frank

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GPS receiver design has taken a quantum leap forward with Topcon's GR-3. It starts with 72 universal channels that support all current and planned satellite positioning signals. When a surveyor comes to Earl Dudley, Inc. and invests in a Topcon GR-3 system that can track every available GPS and Glonass signal and is already compatible with the future European Galileo system signals, he can rest assured that he's made a sound investment, eliminating the need to buy a new receiver every time new signals come online. The GR-3 is truly a revolutionary receiver, far ahead of any other receiver technology available.



EARL DUDLEY, INC.

**TOPCON**

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## The Best Design

Besides offering users the most advanced satellite positioning technology available, the Topcon GR-3 also offers convenient and flexible design features to make a surveyor's job easier. Hot swappable batteries keep you constantly operational, Bluetooth technology means there are no cables to slow you down or get damaged and a compact, single case carries 2 units and all the accessories you need. The ultra-rugged construction stands up to the punishment issued by any jobsite.

## The Most Options

Earl Dudley also offers Topcon's Green Label Hiper Ga and Gb receivers, giving surveyors the ability to purchase advanced positioning equipment on a limited budget, without sacrificing capability or great functional design. With the same integrated Bluetooth wireless technology and durable casing as the GR-3, you get the same hassle-free ease of use. Advanced digital radios offer superior signal quality, robust performance and interference suppression in both models. The Hiper Ga features GPS satellite tracking standard, with the ability to be upgraded to GLONASS with a simple activation code. Earl Dudley, Inc can upgrade your receiver while you wait, with no hardware changes or modifications required. The Hiper Gb provides similar functionality, but with GPS only tracking capabilities, giving the option of a very economical, cable free RTK base and rover system.

With a company history spanning 70 years, the team from Earl Dudley, Inc. can show you how to put this valuable technology to work for you and back up your business with unsurpassed technical support. Call the location nearest you today and schedule a demonstration.



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- Integrated Bluetooth technology keeps you conveniently cable free.
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# MINUTES OF SCSPLS GENERAL MEMBERSHIP MEETING

**Saturday, December 6, 2008, The Citadel, Charleston, SC**

A meeting of the general membership of the Society of Professional Land Surveyors was held on Saturday, December 6 at 2:00 PM, at The Citadel, Charleston, South Carolina.

Those in attendance were:

## Officers:

• President	R. Lee Frank, II
• President Elect	Lewis Moore
• Vice President	Dale Swygert
• Secretary	Robert Praete, Absent
• Treasurer	Ben Christensen
• Immediate Past President	Bobby A. Foster

## Delegates:

• SC Council of Eng. & Surv. Soc.	Carl Bostick, Absent
• NSPS Governor	Henry Dingle, Absent
• SMAC/GIS Delegate	Jody Mitchell, Absent
• SC Utilities Committee	Aaron Taylor
• The Auxiliary	Lesa Jenkins, Absent

## Chapter Representatives:

• Aiken Chapter	Bill Tripp, Absent
• Central Chapter	Brian Pate, Absent
• Coastal Chapter	Tim Maull
• Foothills Chapter	Bryan Gosnell, Absent
• Grand Strand Chapter	Wendell Powers, Absent
• Low Country Chapter	Donald Cook, Jr., Absent
• Midlands Chapter	Rick Inman, Absent
• Mid-State Chapter	Bart Dominick, Absent
• Northwest Chapter	Greg Sosebee, Absent
• Pee Dee Chapter	Ferrell Prosser, Absent
• Thomas C. Anderson Chapter	Wayne Reynolds, Absent
• Tri-County Chapter	David Thomas, Absent
• Upper Piedmont Chapter	Joe Mitchell, Jr., Absent

## District Directors:

• District 1	Kevin Schwacke, Absent
• District 2	Al Whitworth, Absent
• District 3	Tom Abraham, Absent
• District 4	Dennis Clinkscales
• District 5	Burnett Jenkins
• District 6	Mike Culler, Jr., Absent

**Executive Secretary:** Brenda Smith

**Asst. to Exec. Secretary:** Kim Long

**OTHERS PRESENT:** Robert L. Bellamy, Jr., Gene Dinkins, Col. Tom Dion, Danny Forsberg, Francis M. Harter, Dennis Johns, Francis Manhardt, William C. Martin, William P. Seaborn, Aaron Taylor and Ronnie L. Tyler.

President Lee Frank opened the meeting with prayer and called the General Membership meeting of the SCSPLS to order Saturday,

December 6, 2008 at 2:00 PM at The Citadel, Charleston, SC. President Frank stated that the meeting would be conducted under Robert's Rules of Order.

**AGENDA:** A motion was made to approve agenda as written. Motion seconded and unanimously approved.

**MINUTES:** Motion made to approve minutes from October 4, 2008 General Membership meeting as written, with a second. Minutes unanimously approved as published.

**FINANCIAL REPORT:** Treasurer Ben Christensen reported that the Society had \$251,926 in various cash accounts and that the books were in good shape. Report for information only.

## DELEGATE REPORTS

President Frank requested that written reports be sent into the SCSPLS office two weeks before meeting, and only any additions to written reports will be given orally.

## SC COUNCIL OF ENGINEERING AND SURVEYING

**SOCIETIES:** No report.

**NSPS:** No report. President Frank reported that Mr. Dingle will be going to Utah in February for the ACSM/NSPS Conference and should have much to report when he returns from that trip.

**SMAC/GIS:** No report.

**SC UTILITIES COMMITTEE:** Mr. Aaron Taylor was present and indicated there was nothing new to report.

**THE AUXILIARY:** Mr. Burnett Jenkins gave the report on behalf of Lesa Jenkins. The Auxiliary met today and discussed the need for more participation.

## CHAPTER REPORTS:

Mr. Lewis Moore made a motion that the chapter reports not be given individually and for the chapter representatives to speak up only if they had something to say in addition to their written report. The motion was seconded and carried unanimously.

**Aiken:** Mr. Bill Tripp's written report stated that the Chapter meets at Eejay's Restaurant at the Kalmia Mall in Aiken, SC, on the second Tuesday of each month at 7:00 PM. Speaker for the October 14, 2008 meeting was Judy Warner who gave a program on the environmental approach to site design. Nine members were in attendance. They met again October 21, 2008 and Lewis Lapine, Chief of SC Geodetic Survey, spoke on SC virtual reference system. Twenty-one members were in attendance. Ken Wardenski was the speaker for the November 11, 2008 meeting and he spoke on electronic files and backup for surveyors. Seven were in attendance for that meeting.

**Central:** President Brian Pate was absent. No report given. Coastal: Mr. Tim Maull's written report stated that the chapter met September 30, 2008 at the Crab Shack in West Ashley and October 28, 2008 at Sticky Fingers in Summerville. Both meetings were held at 6:00pm. Truett Nettles, PA spoke in September about the various processes available to them for collecting debt owed. In October Bill Spaulding from Trident Technical College talked to the group about the importance of talking to fifth, sixth and seventh graders about the surveying profession. By eleventh and twelfth grade the students have already started choosing classes for the



# MINUTES OF SCSPLS GENERAL MEMBERSHIP MEETING (CONT)

college courses they need to take for their chosen profession. Get to them before they start making class choices.

**Foothills:** Mr. Bryan Gosnell's written report stated that the chapter meets the second Tuesday of each month at 6:30 PM at Butter Beans Family Restaurant on Wade Hampton Boulevard in Taylors with normally 12 members in attendance. In October the chapter held a joint meeting with the Upper Piedmont Chapter. This fall social was held at Burban Creek Plantation and was catered by Huntin' Camp BBQ. A "Forestry Mowing" demonstration by Travis Anderson preceded the event. In November a Furman University professor spoke on the history, instruments used and other neat trivia about the Lewis & Clark expedition. The December meeting will be a Christmas social gathering at Butter Beans Family Restaurant.

**Grand Strand:** Mr. Wendell Powers' written report stated the chapter meets the third Tuesday of each month at T-Bones in Murrells Inlet with an average of twenty members and one guest in attendance. In September they had a legal seminar with a local attorney speaking on right-of-ways. In October that had a prostate cancer awareness seminar and in November a representative from the Horry County School District gave them information on the shadow program for student careers.

**Low Country:** No report.

**Midlands:** Mr. Dennis Johns reported that the Midlands Chapter will be organizing and donating food boxes again this year to help needy families at Christmas time. The boxes will be packed by chapter member the morning of Saturday, December 13, 2008. The Christmas banquet is scheduled for the third Saturday in December.

**Mid-State:** Mr. Bart Dominick's written report stated the chapter meets the second Thursday at 6:30pm for a meal at Stable Steak House in Prosperity with business session starting at 7:30 PM. Programs for each month were as follows: September-Lake Level and Tidal Elevations, Corrections, etc. by Dr. Lewis Lapine of SC Geodetic Surveys; October-general business planning meeting; November-Highway Surveying, David Montgomery, PE.

**Northwest:** No report.

**Pee Dee:** According to the Pee Dee Chapter newsletter, the November meeting had 8 present. The December meeting was held on December 1st, from 5:00pm-8:00pm at the Florence County Library. The purpose of this program is to train members to use the Florence County GIS. The program included how to use tools, searches, results, identify and report, and printing. It taught how to go online and find tax parcels, ownership, streams, flood zones, street addresses, etc. A certificate for 3 continuing education units was given to all those attending. The Chapter is in the process of getting an email roster of all chapter members to avoid postage costs. They expressed their condolences to Bill Smothers for the loss of his mother.

**Thomas C. Anderson:** No report.

**Tri-County:** Chapter's written report stated that the chapter meets the first Tuesday of the month starting at 6:30 PM at The White Horse Restaurant in Rock Hill with an average attendance of 20 members and 2 guests. Defer to District 5 report.

**Upper Piedmont:** No report.

## DISTRICT DIRECTORS REPORTS:

**District 1:** No report.

**District 2:** No report.

**District 3:** Mr. Dennis Clinkscales deferred to Chapter reports.

**District 4:** No report.

**District 5:** Mr. Burnett Jenkins's written report stated that the Tri-County Chapter meets the first Tuesday of the month at 6:30 PM at the White Horse Restaurant in Rock Hill with an average attendance of twenty members and two guests. Overall, Tri-county has had a good year with attendance continuing to grow. Mark Kettlewell and Eddie Bassett spoke about the growth in York County, new flood mapping, and the penny's for progress program in October. In November Matt Wellsleger spoke about the VRS system and how to use it. Those who attended these programs earned one PDH credit per program.

**District 6:** No report.

## COMMITTEE REPORTS:

**Activities:** Mr. Lewis Moore reminded everyone present of the cookout immediately following the meeting at Sullivan's Island and sponsored by Duncan-Parnell.

**Constitution and By-Laws:** Mr. Ronnie Tyler reported that his committee is still working on the wording for the changes to membership in the Constitution. He welcomes ideas from the other members.

**2009 Convention:** Mr. Lewis Moore reported that convention will be June 10-13, 2009 at the Kingston with more information to come at a later date.

**Education:** Mrs. Brenda Smith and Mr. Aaron Taylor reported that the committee is working on the February Seminars and the planning stage is almost complete with classes and speakers being finalized.

**Ethics & Standards of Practice:** Mr. Bobby Foster questioned on surveying the wetlands line in the changes to the Standards of Practice. After a discussion on out of state businesses doing business in SC without a state license, State Board representative, Mr. Gene Dinkins, said that all provisions are being enforced at LLR and complaints should be given to the board in writing and will be followed up on by the investigator.

**Four-Year Degree Program:** Mr. Bart Dominick's written report stated USC's Geography Dept. will probably start teaching surveying once it is released from the Civil Dept. That will allow almost every surveying related course except AutoCAD and Road Design to be housed in the Geography Dept. They are going forward with establishing the Surveying Minor. Courses have been proposed and were waiting on approval. USC Upstate still has their 2+2 Engineering Management Degree that will take in Civil Engr. Tech Degrees for a 4 year degree. USC Columbia still has the Interdisciplinary Degree for people with any 2 year degree, but those with Civil Engr. Tech Degrees may take 5 geography courses and 5 small business courses (or 5 civil courses with all prerequisites being met and permission from the civil dept.) and receive a 4 year degree and meet state requirements. Clemson is supposed to have a surveying option added to their Forestry Degree.

**GPS/VRS:** No report.

**Insurance:** No report. Mr. Lee Frank reported that Chairman Dennis Clinkscales has been working on officer and directors as well as event insurance information.

**Legislative:** Mr. Ben Christensen reported that the hearings on LLR boards losing their decision making powers to and administrative



# MINUTES OF SCSPLS GENERAL MEMBERSHIP MEETING (CONT)

law court have been postponed. The boards being targeted were the ones for less precise and professional services than surveying.

**Membership:** Mr. Lewis Moore gave the membership report. The society currently has 480 total members. Peter M. Wagenaar, Keck & Wood, Inc., in Rock Hill was approved as a full member at the November board meeting. Presently, 54 members from 2007-2008 have not renewed. Termination letters are scheduled to be sent in the coming week.

**Newsletter:** Dale Swygert stated that he will be working on the content for the third issue. Anyone with an article to submit needs to do so by the end of December, beginning of January.

**Past President's Council:** Mr. Robert Foster indicated he had an issue with the DOT that he was trying to get in touch with Joe Jones about. The DOT is introducing a program that will allow outside users to have access to the state's road plans and it should be in place by March, 2009. Surveyors are currently having trouble getting plans from the DOT. Mr. Foster feels like it may be best to address this issue from a political angle because the DOT is currently being run by Buck Limehouse and the governor's council. Mr. Christensen said he will talk to Mr. Jones about working on this issue on the society's behalf.

**Plat Contest:** No report.

**Public Relations:** President Frank gave the report on behalf of Mr. Chuck Dawley who is working on Social for this afternoon at The Fish Fry Shack. Mr. Dawley would like some suggestions on information or people to contact to better get information out to the public about the surveying profession.

**ROD Liaison:** No report.

**S. C. State Parks:** Mr. Mike Culler's written report gave the following updates: Kings Mountain State Park – Mr. Jetter Pittman has received the information on Kings Mountain and plans to start surveying soon; Myrtle Beach State Park – Mr. Mike Culler has completed; Paris Mountain State Park – Mr. Bobby Foster and Mr. Bryan Gosnell have started surveying on one property line of the park; Santee State Park – Mr. Rod Vaughn is still waiting to hear from the state park officials for an answer on the section that has an encroachment; Sesquicentennial State Park – Joe McIntyre has no change from July 9, 2008 report.

**Scholarship:** Mr. Burnett Jenkins' written report stated that ticket sales have been slow so far. Tickets were available at today's meeting. Items to be raffled at the 50th annual convention are a Remington shotgun with commemorative etchings and a Wii Game system and 19" HDTV valued at \$575.00. Items will be raffled at the 2009 Trade Show and Conference to be announced at a later date.

**Survey Contest:** No report. Upper Piedmont will plan to games for the convention.

**Surveyor of the Year:** Mr. Dale Swygert stated that information will be posted in the newsletter for the 2009 Surveyor of the Year.

**Website:** Mr. Dale Swygert reported that he is working on the content on the website and if anyone has something they would like to add they should let him know. A calendar for 2009 should be up and operational by the end of this year.

**Yearbook:** Mr. Robert Praete's written report said that the new yearbook should start delivery sometime the first of next week. Approximately 516 yearbook inserts will be mailed this year. Mrs. Brenda Smith reminded everyone that this is only the insert and that

they should keep their binders each year.

## BUSINESS:

**State Board Report:** State Board Report given by Mr. Gene Dinkins. Items discussed are as follows:

- The board has adopted a policy statement that only allows only South Carolina engineers or licensed surveyors to generate DTM data.
- Regarding the issue of senate subcommittee hearings to restructure LLR boards from the state and streamlining them to give their powers to and administrative law judge – If the issue arises again the Surveying and Engineering Board plan to ask the subcommittee to establish tiers and keep surveying on the professional tier. President Frank commented the implementation of a four-year degree requirement would help insure the location of surveying on that tier.
- New regulations have been sent to legislation. SCANA expressed concern over the last line of the regulation that calls for wetlands being put on a plat by a surveyor. Because SCANA is using sketches and not actual plats, there is no problem with what they are doing at present. Minimum Standards do not require that you put wetlands on the plat. Discussion followed on how surveyors annotate wetlands on a plat that were not surveyed as a part of that plat.
- All state board members were voluntarily audited and all passed.
- Four Year Degree – Details are in the 4 year degree committee report. Col. Dion from The Citadel would like someone to talk to Col. Dennis Fallon about offering more surveying classes at The Citadel. With so many classes already in place, adding a couple more may allow them to offer surveying as a minor. The Citadel's night college would allow students that are not a part of the core of cadets a chance to participate in the surveying program. Mr. Dinkins will work this out with The Citadel.
- The state board approved \$3,000 to bring in a guest speaker to the February conference and \$3,000 to bring in a speaker to the engineering conference in March, 2009.
- A licensing ceremony will be held January 20, 2009 at the statehouse. All are welcome to attend.
- The state board would like to see the Society get involved in composing a new state exam. Mr. Dinkins will be glad to lend assistance for this project.

President Frank asked for a group that would be interested in acting as a liaison between OCRM and surveyors. Mrs. Frances Manhardt said that the Coastal Chapter was planning to send a letter to OCRM outlining their specific concerns. President Frank asked that the letter be sent on the state level rather than the local level so the Society and Chapter efforts are coordinated. After discussion it was determined that Mr. Chuck Dawley would be contacted about possibly chairing that committee. Mrs. Manhardt offered her assistance.

Motion to adjourn was made, seconded and unanimously approved.

Respectfully submitted,

Robert Praete, SCSPLS Secretary

# CONFERENCE AND TRADESHOW

## S C H E D U L E

### **WEDNESDAY, FEBRUARY 25, 2009:**

2:00 – 6:00 PM: Trade Show Set-up – Congaree A & B, Radisson Hotel, Columbia, SC

### **THURSDAY, FEBRUARY 26, 2009:**

7:30 AM – 8:30 AM	REGISTRATION- Coffee with Exhibitors- <b>CONGAREE A &amp; B</b>
<b>8:30 AM – 9:30 AM</b>	<b>OPENING SESSION – 1 PDH – DR. DAVID W. GIBSON, CONGAREE A&amp;B</b>
9:30 AM – 10:00 AM	Morning Break with Exhibitors- All attendees
10:00 AM – 12:30 PM	SESSION 1: Business Succession Planning SESSION 2: Wetlands Delineation & Permitting, SESSION 3: SCDOT Environmental & Archeological Impacts SESSION 4: Small Business Planning for Profit SESSION 5: Exam Review
12:30 PM – 1:45 PM	Lunch with Exhibitors - <b>CONGAREE A &amp; B</b>
1:45 PM – 5:15 PM	SESSION 1: (Cont'd): Business Succession Planning SESSION 2: (Cont'd): Wetlands Delineation & Permitting SESSION 3: (Cont'd): SCDOT Environmental & Archeological Impacts SESSION 4: (Cont'd): Small Business Planning for Profit SESSION 5: (Cont'd): Exam Review
3:00 PM – 3:30 PM	Afternoon break with Exhibitors- Sessions 1 & 2 <b>CONGAREE A &amp; B</b>
3:30 PM – 4:00 PM	Afternoon break with Exhibitors- Session 3, 4 & 5 <b>CONGAREE A &amp; B</b>
3:30 PM – 5:15 PM	Continuation of Afternoon Sessions 1 & 2
4:00 PM – 5:15 PM	Continuation of Afternoon Sessions 3, 4 & 5
5:15 PM – 7:15 PM	EXHIBITOR SOCIAL – Radisson Conference Center – <b>CONGAREE A &amp; B</b> <i>Prize Drawings (name badge required for entrance)</i>

### **FRIDAY, FEBRUARY 27, 2009:**

7:30 AM – 8:30 AM	REGISTRATION - Coffee with Exhibitors
8:30 AM – 12:00 PM	SESSION 1: GIS & Surveying SESSION 2: Marketing Your Professional Services Successfully SESSION 3: FEMA Updates, SCDNR SESSION 4: Exam Review – Fundamentals
9:45 AM – 10:15 AM	Morning Break with Exhibitors- Sessions 1 & 2 <b>CONGAREE A &amp; B</b>
10:20 AM – 10:50 AM	Morning Break with Exhibitors- Sessions 3 & 4 <b>CONGAREE A &amp; B</b>
10:15 AM – 12:00 PM	Continuation of Morning Sessions 1 & 2
10:50 AM – 12:00 PM	Continuation of Morning Sessions 3 & 4
12:00 PM – 1:15 PM	Lunch with Exhibitors- <b>CONGAREE A &amp; B</b>
1:15 PM – 5:15 PM	SESSION 1 (Cont'd): GIS & Surveying SESSION 2 (Cont'd): Marketing Your Professional Services Successfully SESSION 3 (Cont'd): FEMA Updates SESSION 4 (Cont'd): Exam Review – Fundamentals
2:45 PM – 3:15 PM	Afternoon break with Exhibitors- Sessions 1 & 2, <b>CONGAREE A &amp; B</b>
3:20 PM – 3:50 PM	Afternoon break with Exhibitors- Session 3 & 4, <b>CONGAREE A &amp; B</b>
3:15 PM – 5:15 PM	Continuation of Afternoon Sessions 1 & 2
3:50 PM – 5:15 PM	Continuation of Afternoon Sessions 3 & 4
3:50 PM – 6:00 PM	Trade Show Break Down

• **Registration, coffee, breaks, and lunches are included in registration fee. Thursday's Opening Session and Exhibitor's Social are included in Thursday's registration fees.**

**\*\*\*IF YOU HAVE NOT REGISTERED, YOU CAN FIND FULL BROCHURE WITH REGISTRATION INFORMATION AT [WWW.SCSPLS.COM](http://WWW.SCSPLS.COM)**

# WELCOME NEW MEMBERS

The following new members were approved at the November, 2008 Board meeting:

**Full:** Peter M. Wagenaar, Keck & Wood, Inc., Rock Hill, SC

## LICENSING CEREMONY

The S.C. Department of Labor and Licensing announces the following where were recently licensed as a Professional Land Surveyor. Below are pictures from the January 20, 2009 licensing ceremony at the State Capitol in Columbia.

### Those passing PLS exam in October, 2008:

David K. Ballard, Blythewood, SC  
Robert C. Baumgartner, Columbia Station, OH  
Brian E. Clark, Charlotte, NC  
Christopher T. Coggins, Charleston, SC  
J. Jason Cox, Myrtle Beach, SC  
William J. Dixon, Rock Hill, SC

Adam Foster, Monroe, NC  
Byron H. Gaskins, Darlington, SC  
John H. Gray, Port Royal, SC  
Nancy E. Hopper, North Charleston, SC  
Nolan M. Martin, Columbia, SC  
Robert K. Morgan, Savannah, GA  
Kevin J. Richardson, Mt. Pleasant, SC  
Walter B. Sheets, Myrtle Beach, SC  
William J. Smith, Bluffton, SC

### Congratulations to those passing the LSIT exam in October, 2008:

Steven Leo Barrineau, Jr., Mayesville, SC  
Ryan A. Edwards, Sumter, SC  
Franklyn William Fairey, IV, North Myrtle Beach, SC  
James David Fulmer, Jr., Leesville, SC  
Ernest Jason Hardin, Blacksburg, SC  
Jeremy Wayne Reeder, Bluffton, SC



Surveying and Engineering Licensing Ceremony  
– Jan. 20, 2009. SC State Capitol, Columbia



L-R: Gene Dinkins, LLR Board member, David Ballard, Chris Coggins, Nancy Hopper, newly registered PLS, and Lee Frank, SCSPLS President



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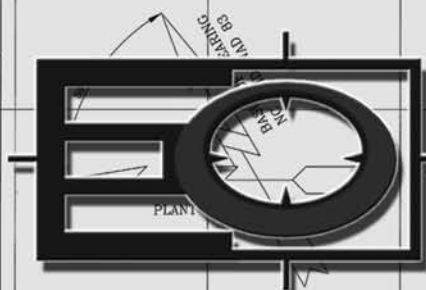
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# 40TH ANNUAL CONVENTION

## A G E N D A

June 10 – 13, 2009

### KINGSTON PLANTATION, MYRTLE BEACH, SC

DATE/TIME	EVENT	LOCATION
<b>WEDNESDAY, June 10:</b>		
3:00 PM - 4:30 PM	Convention Committee Meeting	Hampton, Main Hotel
<b>THURSDAY, June 11:</b>		
11:30 AM - 4:30 PM	Golf Fellowship (meet at course)	Arcadian Shores
3:00 PM - 5:00 PM	Registration Open	Windsor Foyer
6:00 PM - 8:00 PM	* President's Reception	
Palmettos Pavilion		
	Presentation of Golf Awards	
	Visit Exhibitor Exhibits	Palmettos Pavilion
<b>FRIDAY, June 12:</b>		
8:30 AM - 4:00 PM	Registration Open	Windsor Foyer
9:00 AM - 12:00 AM	* Technical Session:	Windsor AB
“Surveying in Autodesk Civil and Civil 3D 2010”	By: Dan Bonenfant, PLS, Duncan Parnell	
8:45 AM - 1:00 PM	Auxiliary Function	
9:45 AM - 10:15 AM	* Technical Session Break	Windsor Foyer
12:00 PM - 1:00 PM	* Lunch	Somerset
12:00 PM - 1:00 PM	Past President's Luncheon	Pembroke
1:00 PM - 4:00 PM	* Technical Session Continued	Windsor AB
2:15 PM - 2:45 PM	* Technical Session Break	Windsor Foyer
<b>SATURDAY, June 13:</b>		
9:00 AM - 9:30 AM	Registration Open	Windsor Foyer
9:30 AM - 12:00 PM	SCSPLS General Membership Meeting	Pembroke
9:30 AM - 10:30 AM	Auxiliary General Membership Meeting	Somerset
2:00 PM - 4:00 PM	Surveying Contest/Games (Upper Piedmont Chapter)	Atlantic Lawn (Main Hotel)
	Survey Awards after conclusion of games	
6:00 PM - 7:00 PM	* SCSPLS Social Hour	Palmettos Pavilion
7:00 PM - 9:30 PM	* Awards Banquet	Palmettos Pavilion
	(Door Prize Drawing)	

*Convention Agenda is subject to minor changes as needed.*

\*Function Tickets Required - Registration Badge Required At All Events

*You must be registered for the day to be eligible for any prize drawings.*

2 0 0 9 S C S P L S

# PLAT CONTEST

**DEADLINE: MAY 1, 2009**  
**IN CONJUNCTION WITH THE SCSPLS ANNUAL CONVENTION**

## CATEGORIES

SUBDIVISION

BOUNDARY/CADASTRAL

TOPOGRAPHICAL

ALTA/NSPS SURVEY

MISCELLANEOUS

COLOR PRESENTATION

### **DESCRIPTION:**

- SUBDIVISION: Plat of survey of boundary and division of property into two or more parcels.
- BOUNDARY: Plat of field survey. Should not show topographic, as-built, etc., information.
- TOPOGRAPHIC: Plat showing existing topographic information and features.
- ALTA/ACSM: Surveys showing existing improvements and boundary information.
- MISCELLANEOUS: Easement, mortgage, and other plats not in above categories.
- COLOR PRESENTATION: Must be actual plat used for client presentation.

### **RULES:**

1. Entry fee of \$10.00 per plat entered in each category. (If entry fees exceed cost of awards, excess will go to the SC-SPLS Scholarship Fund).
2. Plat must be drawn of surveys performed after May 1, 2008.
3. All entries must be submitted or sponsored by a member of SCSPLS.
4. All entries must be in accordance with "Minimum Standards for the Practice of Land Surveying in South Carolina," Article 4, Chapter 49, Code of Regulations.
5. Entries must be reproduced as blue-line or black-line drawings - no originals. All plats must be reproduced to scale - no reductions or enlargements.
6. Provide the following information for each plat:
 

a. Entrant	c. Company	e. Category
b. Sponsor	d. Address	f. Name to put on Award, i.e. Company or Individual

**AWARDS:** Plaques will be awarded for first place and second place in each Category to be presented at the Banquet of the Annual Convention. First place winning plats will be entered into the NSPS Annual Map/Plat Competition. Mail to: Dale Swygert, c/o Survey & Mapping Services, Inc., 3320 Platt Springs Rd., W. Columbia, SC 29170 (phone: 803-796-8214 – office; 803-892-6501-home)

***ENTRIES MUST BE RECEIVED NO LATER THAN MAY 1, 2009***

# South Carolina Society of Professional Land Surveyors

## SURVEYOR of the Year Guidelines

**DEADLINE: MAY 1, 2009**

(As approved by the SCSPLS Board of Directors November 7, 1997)

### A. Eligibility

1. Licensed in South Carolina.
2. Resident of South Carolina.
3. Prior recipients are ineligible for five (5) years.
4. No record of administered disciplinary action by the S.C. State Board of Registration for Professional Engineers and Land Surveyors.
5. Must be a member of the South Carolina Society of Professional Land Surveyors.

### B. Nominations

#### SCSPLS Chapter

- (a) Nomination letter must have signature of Chapter President and another Chapter elected officer.
- (b) Only one nomination per Chapter.
- (c) Chapters may nominate same individual as other Chapters.
- (d) Chapter members may submit letters of recommendation.

#### Surveyors at Large

- (a) A nomination letter with the signature of two sponsors.
- (b) Sponsors must be resident licensed S.C. Land Surveyors.
- (c) Recommendation letters from 4 individuals other than the sponsors.
- (d) A minimum of two letters of recommendation must be from SCSPLS members who have been members for at least the two preceding years.

#### Data Required Regarding the Nominee in Nomination Letters

- (a) Biographic information.
- (b) Specific contributions to the surveying profession.
- (c) How the Chapters and/or the sponsors recognized the nominee's contributions to the profession.

#### Data Required Regarding the Nominee in Recommendation Letters

- (a) Specific contributions to the surveying profession.
- (b) How the nominee's contributions to the surveying profession were recognized.

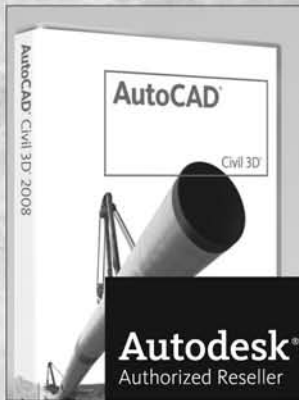
All nominations and letters of recommendation must be submitted by May 1, 2009.

### C. Selection of Surveyor of the Year

The Vice-President will receive the nominations, review and investigate the nominations. A report and ballot of all eligible nominees shall be mailed to each Board Member and Past President thirty days prior to the SCSPLS Annual Convention. Ballots must be returned ten days prior to convention to be counted. The Vice President, the Immediate Past Surveyor of the Year and the Executive Secretary shall serve as the tellers committee. In the event anyone of these is a nominee for Surveyor of the Year or cannot serve, a replacement shall be appointed by the President. The Surveyor of the Year Award shall be presented at the Annual Convention by the Immediate Past Surveyor of the Year if available.

**NOMINATIONS AND LETTERS OF RECOMMENDATION ACCEPTED NO LATER THAN MAY 1, 2009.** Mail to SCSPLS, 121 Executive Center Dr., Suite 248, Columbia, SC 29210.

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# Attracting & Retaining the Very Best People

By Mike Stones

Many employers complain about the difficulty of attracting and retaining quality people. When considering this challenge, we must look at what makes people leave their jobs. Profiles International recently completed a survey asking this very question, here are the six main reasons:

- 30% were unhappy with management and the way that they were managed
- 25% felt they received no recognition for good work
- 20% complained of limited opportunities for advancement
- 15% cited inadequate salary and benefits
- 5% were bored with the job
- 5% noted other reasons such as retirement, sabbatical or travel

Are you surprised by the answers? The prevalent theme in these statistics is that people tend to leave people, not jobs.

So what do you do? First, identify and provide training and people information to managers and supervisors who struggle to manage their people in a way that encourages productivity and retention. Good management is a key to retention. There are a number of avenues available to improve management skills including formal training, mentoring and constant feedback on what they are doing well and what they could improve.

Second, seek out opportunities for positive recognition. Look for ways in which your people perform above and beyond the call of duty. Give as many people as possible an opportunity to bask in the glow of positive recognition for a job well done. But be aware that a recognition culture cannot be created from nothing – it requires a healthy working environment to thrive. Let all of your people know where the organization is going; how it plans to get there; how their jobs play a part in the grand scheme of things and why they are a key to your success. Spread information liberally throughout your organization; give your people an “I’m on the inside” feeling – it’s hard to leave something that has you on the inside. Create an atmosphere where management expects the best of its team members and they’ll respond. Trust is one of the key sources of recognition

- no one is more flattered than when they are trusted implicitly.

Previous generations of workers could aspire to promotions within multi-layered, hierarchical companies. In these days of lean, flat-structured organizations, workers rarely have this option. This doesn’t mean that employers have to accept losing

staff because they cannot offer a corporate ladder. Today’s job-seekers want the opportunity to develop themselves to be all that they can possibly be – to continually polish their skills, abilities and experience so that their value continually rises. If they can do this without the uncertainty of job-hopping, so much the better. You need a clear, ongoing development path – a way that each of your people can advance their skills and value so that they realise their full potential. This means some investment in training and development. Don’t be boxed in to limiting the training to those skills specific to an individual’s current job. Remember that you are not simply training for job-effectiveness but are also offering your people the development opportunities that make them feel good enough about the pace of their personal advancement that they don’t feel the need to look for

greener grass elsewhere.

After following 360,000 people through their careers during a 20 year period, a major study was published by Harvard Business Review. It demonstrated that a key ingredient in retaining people is to ensure that they are matched to their jobs in terms of their abilities, interests and personalities. The study found that when you put people in jobs where the demands matched their abilities, where the stimulation offered by the job matched their interests and where the cultural demands of the position matched their personalities, staff turnover decreased significantly and productivity increased dramatically.

If you can implement the above steps, you will address 75% of the reasons why people leave their jobs. And you haven’t added a cent to salaries!

Printed with permission from The Ontario Land Surveyor, Vol. 47, No. 2, Spring, 2004



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# Lobbyist Report

## South Carolina Society of Professional Land Surveyors

Earlier this fall, we were concerned about a massive change in the regulation of the land surveying and engineering professions when a SC Senate Staffer contacted us about a possible hearing before a subcommittee of the Senate Labor Commerce and Industry Committee concerning changes in the regulation of surveyors and all other regulated professions.

The hearing was postponed indefinitely, and when ACEC-SC PAC checks were delivered to a number of senators, the PAC Board talked to senators about possible changes on the regulation and licensing of engineers and surveyors. The consensus of the engineers reporting back on the conversations was that any possible changes are going to be directed more to the registration and regulation of licensees, which are not as technical or professional as land surveying, engineering, architecture, accounting, etc.

Also, the House Labor Commerce and Industry Committee is expecting a new Chair. Current Chair Rep. Harry Cato (R-Greenville) is expected to be elected to House Speaker Pro Tem. Rep. Bill Sandifer (R-Oconee) may become the next Chair.

From the SC State Board of Registration for Professional Engineers and Surveyors, Surveyor Representative, Mr. Gene Dinkins, was elected Registration Board Chair. Mr. Andy Kinghorn was elected Vice Chair, and Ms. Theresa Hodge was elected Board Secretary.

More important, Mr. Dinkins introduced a curriculum from Clemson University College of Forestry that offers a degree in Forestry with an emphasis area of Land Surveying. Those students following the curricula outlined to meet the Land Surveying emphasis meet the SC State Board of Registration for Professional Engineers and Surveyors requirements for the four-year surveying degree.

Mr. Dinkins said students had already shown an interest in pursuing the degree. The Registration Board officially endorsed the curricula and the degree at its Nov. 18, 2008 meeting.

Ms. Jan Simpson, Board Administrator, announced all registration board members have submitted the professional development hours for review as if audited by the registration board and all board members met the PDH requirements for the registration period.

Ms. Simpson reported a suggested change to the Regulations had been submitted by a professional engineer representing SCANA, had been reviewed, the LLR legal department agreed and the board accepted the change. The change has been incorporated

into the Regulations to be filed with the SC General Assembly prior to its opening day.

Ms. Theresa Hodge introduced a flow chart explaining how the Registration Board deals with complaints. The LLR legal department praised it and said Ms. Hodge had captured the process and portrayed in such a manner that all can understand.

The Registration Board also discussed appropriating funds for surveying and engineering educational programs. Discussions were positive for upcoming programs.

The General Assembly convenes December 2 to elect House and Senate officers, assign committees, offices and other housekeeping duties. Following that meeting, we will know the names of committee chairs and committee assignments. As legislators move up in seniority, they often have the opportunity to move to other committees; therefore, we may see some movement into and out of Labor Commerce and Industry as well as other committees.



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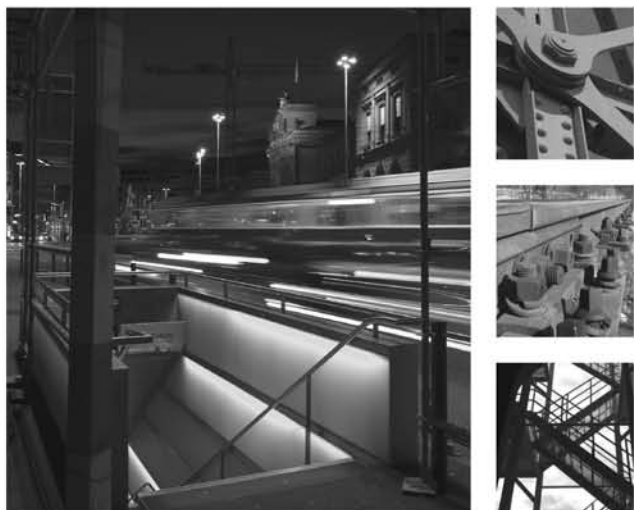
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## NEWS RELEASE

*The National Museum of Surveying Announces*

### "Museum Preview Night"

The National Museum of Surveying is pleased to announce the first event at the new Museum in Springfield, Illinois. "Museum Preview Night" will be held on surveyor Abraham Lincoln's 200th birthday, Thursday evening, February 12, 2009 at the Museum which is literally across the street from the Old State Capitol where Lincoln served as Illinois State Representative and where he gave his famous "House Divided" speech. The party will be held in conjunction with the Illinois Professional Land Surveyors Annual Conference. To celebrate Lincoln's bicentennial birthday, Lincoln scholars from around the world will be in Springfield that day for symposia on Lincoln's life. So will we surveyors, to celebrate Lincoln and the opening of the National Museum of Surveying. Not all of the displays will be completed by that date, but the extensive interior renovations are complete, "Science on a Sphere" (one focal point of the Museum) is complete and a wide representation of early American surveying equipment is on display. To accommodate our group and the Lincoln scholars and aficionados, that evening, the Old State Capitol Building (across the street) will be open for viewing and tours. It will be quite a night for our Museum, its members and surveyors, generally. Drinks and hors d'oeuvres will be served. Tickets will be \$15.00.

**For more information, tickets and reservations, see:**

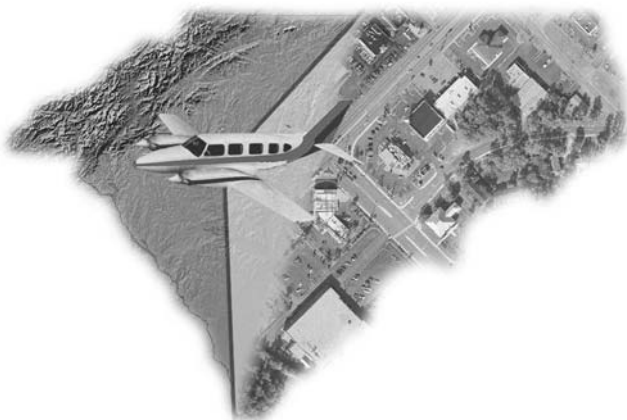
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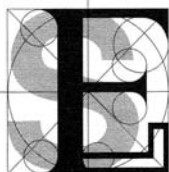
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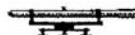


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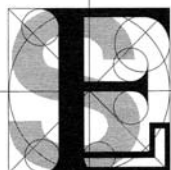
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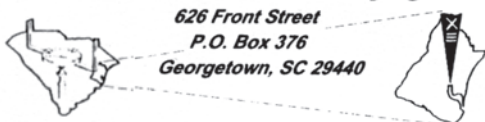
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## **SCHEDULE OF EVENTS**

- |                     |  |
|---------------------|--|
| 10:00 AM – 12:00 PM | SCSPLS BOARD MEETING                           |
| 12:00 PM – 1:30 PM  | LUNCHEON AND DEMO sponsored by Allen Precision |
| 1:30 – 4:30 PM      | GENERAL MEMBERSHIP MEETING                     |
| 5:00 PM             | CHAPTER COOK-OFF FELLOWSHIP                    |

