

An affiliate of  
National Society  
of Professional  
Surveyors



**NSPS**

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## BOARD AND GENERAL MEMBERSHIP MEETING

**SATURDAY – DECEMBER 7, 2013**  
**2:00 PM**



**THE CITADEL, GRIMSLEY HALL**  
**CHARLESTON, SC**

**“BOUNDARY LAW IN SOUTH CAROLINA”**  
**SEMINAR 9:00 AM – 1:00 PM**  
**Lunch Sponsored by Smartvent Products, Inc.**

**Cookout Fellowship – 4:00 PM**  
**Sponsored by: Coastal Chapter**

# PRESIDENT'S MESSAGE

Greetings SCSPLS members,

I would like to start by thanking the local Chapters for their hospitality these past few months as I try to attend each Chapter meeting in the State. In August I had the pleasure of traveling to the Pee Dee and Grand Strand Chapter meetings with Larry Beasley, 2012-13 Scholarship Committee Chairman, and Michael Culler, Jr., District 6 Director, to award scholarships to 4 surveying students. Thanks to the 2012-13 Scholarship Committee for their hard work to make this happen and to everyone who purchased raffle tickets or made donations to the



Scholarship Fund.

I also had the opportunity in August to attend a Midlands Chapter meeting. Their guest speaker from SCDOT gave a short, but informative speech about surveying for SCDOT. Chapter President Larry Smith did a wonderful job calling members and getting them to come out for their meeting. In September it was on to the Mid-State, Low Country and Coastal Chapter meetings. I wish to personally thank Low Country Chapter Representative, Terry Hatchell, for his hard work in getting the Low Country Chapter actively meeting again.

I am very pleased with the efforts by the Chapters to gain in membership and keep the Society moving forward at the grass roots level. This Society survives because of our local Chapters and the work their members do. I ask that you all become active in your Chapters, and not just active, but proactive to see that the Professional Surveyors as well as the General Public are protected in your area.

On a different note, I would like to speak to you about

education and inspiration of the generation of Surveyors to come. Not long ago, I had the pleasure of speaking to 6th graders at a local middle school about surveying. I can't tell you how much fun that is! I had made up a power point presentation of about 20 pictures and had a small narrative that I read for each one and expanded on the ones that sparked interest in them. I have this on a Jump Drive because it is a large file, but can send to anyone who wants a copy so you can go to your local schools and get kids involved. This presentation is geared more toward 6th and 7th graders but is a good starting point and can easily be upgraded to work for older students. I also had a 10th grade student from the Academy for Arts and Science Technical School follow me for a "Shadow Day." He had fun and learned a bit about what it takes to be a Surveyor. I have another student lined up for November.... I encourage all of you to do all you can to inspire the next generation of Surveyors. They are our future.

The information and registration form for the December 7th seminar and Board & General Membership meeting are in this newsletter. I hope you will make plans now to attend. We are looking forward to an informative seminar and have several important items to discuss at the meeting. Thank you to Col. Dion and The Citadel for the use of their facility and help in setting this event up; to the Coastal Chapter for sponsoring the social after the meeting; Smartvent Products, Inc. for sponsoring the lunch for seminar attendees; GeoMax Positioning and SCRS for donating door prizes for a few lucky meeting attendees.

That's all folks...until next time, may your traverses always close.

Sincerely,  
Aaron F. Leach  
SCSPLS 2013-14 President

## SCSPLS 2013-2014 MEETING DATES

### GENERAL MEMBERSHIP MEETINGS:

July 20, 2013	Charleston, Charleston Marriott
December 7, 2013	Charleston, The Citadel, Grimsley Hall
*February 5, 2014	Columbia, DoubleTree Hotel
April 5, 2014	Greenville, Camp Buckhorn

\*Pending Board approval.

### BOARD MEETINGS:

July 18, 2013	Charleston, Charleston Marriott
December 7, 2013	Charleston, The Citadel, Grimsley Hall
*February 5, 2014	Columbia, DoubleTree Hotel
April 5, 2014	Greenville, Camp Buckhorn



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FEBRUARY 6 - 7, 2014





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# BOUNDARY LAW IN SOUTH CAROLINA

**Saturday, December 7, 2013**

**The Citadel, Grimsley Hall, Charleston, SC**

**9:00 AM – 1:00 PM**

*Presented By*

**Richard M. Unger, Esq.**

**ATTENDEES WILL EARN 4 PDH UNITS**

## WORKSHOP AGENDA

8:30 – 9:00 AM	Registration
9:00 – 10:30	Seminar
10:30 – 11:00	Coffee Break- Letellier Hall
11:00 – 1:00	Class continued
1:00 – 2:00	Lunch Provided for seminar attendees – Sponsored by Smartvent Products, Inc.
2:00 – 3:00 PM	SCSPLS Board & General Membership Meeting
4:00 – Until	SCSPLS Social Sponsored by the Coastal Chapter of SCSPLS

### **YOUR INSTRUCTOR:**

Dick Unger has more than 35 years of experience representing private, public and institutional developers, purchasers, equity investors and lenders. Mr. Unger counsels clients in the development, acquisition, financing, operation, sale and leasing of all forms of commercial, industrial and residential real estate, with a particular emphasis on the resort development industry. In addition, he is a frequent speaker and author on real estate development topics. Mr. Unger is a certified circuit court mediator in South Carolina concentrating in the mediation of real property disputes. He is a graduate of Wofford College and the University of South Carolina Law School and serves on the board of the S.C. Land Title Association.

### **WORKSHOP INFORMATION:**

Mr. Unger will give a presentation on boundary laws affecting surveying in South Carolina. This presentation will touch on the history of S.C. boundary laws, changes in the laws over time and the things that surveyors should know concerning South Carolina's interpretation of the laws affecting property boundaries. His presentation will cite interesting cases and how the courts ruled on those cases. He will also discuss ALTA/ACSM Land Title Surveys from the attorney's point of view and be open to questions from the attendees.

### **REGISTRATION:**

Registration will begin at 8:30 AM Saturday, in the foyer of Grimsley Hall on the campus of The Citadel. The workshop is scheduled from

9:00 AM until 1:00 PM. Lunch is provided to seminar attendees only. Attendees will be given a certificate and awarded 4 PDH units.

### **SEMINAR COST:**

#### **Registration fees:**

**Free to Society members attending the General Membership Meeting**

**Society members not attending meeting:** \$30.00 by Nov. 15; \$40.00 after Nov. 15

**Non Members:** \$50.00 by Nov. 15, \$60.00 after Nov. 15

**Full refund will be made if notification is received by November 22nd.** Substitutions are allowed if given prior written notice. Citadel engineering students free of charge. **No lunch if registering on site.** **A temporary parking pass is required for this event and will be emailed to registrants with their confirmation.**

### **LOCATION:**

**The Citadel - Grimsley Hall - Charleston, South Carolina**

From Interstate 26 Eastbound, take Rutledge Ave. exit (219-A) for 1.2 miles. Turn right on Moultrie Street and follow Moultrie until it ends at Lesesne Gate. Grimsley Hall is third building on the right after turning onto Jenkins Ave. to the rear of Summerall Field of The Citadel. For directions, ask the Cadet at the Main Gate for building location and parking instructions. *Join SCSPLS after the seminar for a Board and General Membership Meeting at Grimsley Hall and SCSPLS social afterwards sponsored by the Coastal Chapter of SCSPLS.*

# SEMINAR REGISTRATION

## BOUNDARY LAW IN SOUTH CAROLINA

**CHARLESTON - December 7, 2013, 9:00 AM – 1:00 PM**

NAME: \_\_\_\_\_

REGISTRATION NO.: \_\_\_\_\_ STATE: \_\_\_\_\_

COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

DAYTIME TELEPHONE: \_\_\_\_\_ CELL: \_\_\_\_\_

FAX: \_\_\_\_\_ EMAIL: \_\_\_\_\_

CURRENT SCSPLS MEMBER: \_\_\_\_\_

\_\_\_\_\_ Yes-I will be attending the 2:00 PM Board & General Membership meeting.

\_\_\_\_\_ \$30.00 Enclosed before Nov. 15 – not attending meeting but will attend seminar

\_\_\_\_\_ \$40.00 Enclosed after Nov. 15 – not attending meeting but will attend seminar

SCSPLS NON-MEMBER: \_\_\_\_\_ Amount Enclosed: \$ 50.00 before Nov. 15

\_\_\_\_\_ \$60.00 enclosed after Nov. 15 Non-Member

\_\_\_\_\_ Yes, I will be attending the social afterwards. Number attending \_\_\_\_\_

**ALL ATTENDING MUST REGISTER ON THIS FORM.**

(Please make photocopies of this form for additional registrants.)

**MAIL, EMAIL OR FAX REGISTRATION FORM BY NOVEMBER 15th AND  
MAKE CHECK PAYABLE TO SCSPLS: S.C. Society of Professional Land Surveyors,**

121 Executive Center Dr., Ste., 248, Columbia, SC 29210 Phone: (803) 750-7524

Fax to SCSPLS at 803-750-7523 or Email: [kim@scspls.com](mailto:kim@scspls.com)

For additional registration information contact: Kim Long, SCSPLS,

or Greg Jenness, Education Chairman Email: [gjenness@aec-sc.com](mailto:gjenness@aec-sc.com)

# SCSPLS BOARD AND GENERAL MEMBERSHIP MEETING SATURDAY, DECEMBER 7, 2013, 2:00 P.M.

The Citadel, Grimsley Hall, Charleston, South Carolina

## Welcome:

## Invocation:

## Meeting Format:

Aaron Leach

## Agenda Approval:

## Consent Agenda Reports Approval:

## Approval of Minutes of Board Meeting:

## Approval of Minutes of GM Meeting:

President Aaron Leach

Robert's Rules of Order, President

President Aaron Leach

President Aaron Leach

July 18, 2013

July 20, 2013

## CONSENT AGENDA FOR THE FOLLOWING ITEMS:

### 1. President's Report:

President Aaron Leach

### 2. Financial Report:

Will Fairey

### 3. Executive Secretary's Report:

Kim Long

### 4. Delegate Reports:

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

Carl Bostick

Henry Dingle

Bill Tripp

Aaron Taylor

### 5. Chapter Representative Reports:

- Aiken 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

Bill Tripp

Curtis Lybrand

Thurl Amick, Sr.

Michael Culler, III

Terry Hatchell

Greg Jenness

C. A. Shealy

Scott Richey

Ferrell Prosser

Wayne Reynolds

Floyd Sweatt

Dennis Clinkscales

### 6. District Director's Reports:

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

Chuck Dawley

George Bradley, Jr.

Tom Abraham

Billy Martin

Billy Hipp

Mike Culler, Jr.

### 7. Committee Reports:

- Activities & Programs
- Constitution & By-Laws
- 2014 Convention
- Education
- Ethics & Standards of Practice
- GPS-VRS
- Insurance
- Internet
- Legal & Legislative
- Membership
- Newsletter, Plat Contest & Surveyor of the Year
- PAC Research Committee
- Past Presidents Council
- Public Relations
- ROD Committee
- Scholarship Committee
- Survey Contest
- Yearbook

Aaron Leach

Ronnie Tyler

Elliotte Quinn

Greg Jenness

Will Fairey

Dennis Clinkscales

Dave Ballard

Elliotte Quinn

Andrews B. Wadsworth, Sr.

Brian B. Bonds

Dennis Clinkscales

Kent Hudson

Aaron Leach

Al Crouch

Joe McIntyre

Thomas C. Anderson Chapter

Andrew B. Wadsworth, Sr.



# SCSPLS BOARD AND GENERAL MEMBERSHIP MEETING SATURDAY, DECEMBER 7, 2013, 2:00 P.M.

The Citadel, Grimsley Hall, Charleston, South Carolina

## NORMAL AGENDA ITEMS:

### New Business:

Board of Prof. Eng. & Surveyors' Report  
Statute Revisions/QBS  
Meeting Dates for 2013-14  
2014 Convention  
Committee Appointments  
Disaffiliation of Central Chapter  
PAC Committee Update

Gene Dinkins/Johnny Johnson  
Elliotte Quinn  
Aaron Leach  
Elliotte Quinn  
Aaron Leach  
Aaron Leach  
Dennis Clinkscales

### Closing Comments

President Aaron Leach

### Adjournment



## SCSPLS will celebrate its **60th Anniversary** this year!

As part of the celebration, we will be drawing for prizes at each of our remaining 2013-14 General Membership meetings. Members only are eligible to win and you must be present to receive a prize.

### Prizes being given away at the December 7<sup>th</sup> meeting:

2 – 30 Power Auto Levels (valued at \$750 each)  
Prism Pole 2 Bipod (\$129 value)  
Full Size Prism Assembly (\$145 value)  
GPS 2 Meter Carbon Fiber Rover Rod (\$219 value)  
Wood Fiberglass Tripod (\$150)

**Thank you GeoMax Positioning and SCRS for donating the prize giveaways for this meeting!**

***Thank you to everyone who has supported this Society through the years and continues to support it today - and into the future!***



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*\*Price is \$216.00 per Month  
for 60 Months.*

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Field

Office



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Per Month

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- GIS GPS Rover
- Data Collector for GPS & Total Station
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- 3.5G Cellular Module
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- 806 MHz processor

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- Stake: Points, Lines, Surface, Curve, Real-Time Roads, Slope
- Cloud connected data exchange and backup
- Survey: Topo, Auto Topo, X-Section





## ELECTION RESULTS 2013-14 OFFICERS:

President	-	Aaron F. Leach
President-Elect	-	F. Elliotte Quinn, III
Vice President	-	Brian B. Bonds
Secretary	-	Andrew B. Wadsworth, Sr.
Treasurer	-	F. William Fairey, IV
Past President	-	Kent C. Hudson

Following were elected for a 2 yr. term beginning 2013-14 fiscal year:

District 1	-	Charles F. Dawley, Jr.
District 3	-	Thomas B. Abraham
District 5	-	William V. Hipp
NSPS Governor	-	Henry B. Dingle



2013-14 Board Induction: Henry B. Dingle, Kent C. Hudson, F. William Fairey, IV, Andrew B. Wadsworth, Sr., Brian B. Bonds, F. Elliotte Quinn, III, Aaron F. Leach

## Welcome New Members

**The following new members were approved at the July, 2013 Board meeting:**

**Full:** Kevin J. Beat, Donley's Inc., Cleveland, OH; Robert A. Praete, Little River, SC

## SCSPLS Membership Renewal Reminder

2012-2013 SCSPLS Members had until October 1, 2013 to renew their membership for the fiscal year July 1, 2013-June 30, 2014. By the authority of the Constitution and the Executive Board of SCSPLS, members not renewed by that date have been dropped from the membership of the Society and all benefits terminated. Any member wanting to join after October 1, 2013 must reapply and pay a \$10.00 application fee plus yearly dues.

This decision of the Executive Board is in accordance with Article II of the Constitution of the South Carolina Society of Professional Land surveyors, as follows:

Section 2, CANCELLATION. Only members whose dues are currently paid shall be eligible to vote. Should a member fail to submit current annual dues within ninety (90) calendar days from the beginning of the fiscal year, said person shall be notified in writing by the Secretary and dropped from membership in the Society. The request of such a person for readmission must be accompanied by dues in full for the current fiscal year and all prior late fees assessed when the member was dropped.

Should you have any questions, please contact Mrs. Kim Long at the Society office (803) 750-7524 or email: [kim@scspl.com](mailto:kim@scspl.com).

## Congratulations to Newly Licensed PLS

The S.C. Department of Labor and Licensing announces the following were recently licensed as Professional Land Surveyors.

**Those passing PS exam in April, 2013:**

Wendell R. Ball  
 Vernon W. Bell  
 Christopher R. Elmer  
 Luke J. Hunt  
 Everett T. Johnson, II  
 Jeremy M. Keeny  
 Aaron W. Knight  
 Nickey H. Lewis, Jr.  
 John K. Lineberger  
 Jesse M. Muckerman  
 Todd C. Phillips  
 John B. Smith

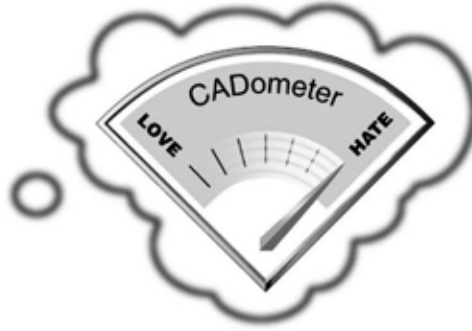


Luke J. Hunt, PLS



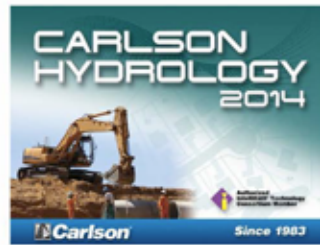
Todd C. Phillips, PLS

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<p>Carlson Survey &amp; GIS Workshop \$99 for 8 PDH credits</p> <p>Statesville NC on 11/12/2013</p> <p>Raleigh NC on 12/11/2013</p>	<p>Topics include:</p> <ul style="list-style-type: none"> <li>• CAD tips &amp; tricks,</li> <li>• traverse adjustment with Carlson Survey,</li> <li>• SurvCE/SurvPC tips &amp; tricks,</li> <li>• data collection and Field to Finish with Survey, SurvCE/SurvPC and GIS,</li> <li>• mapping &amp; stakeout with Carlson Survey</li> </ul>
<p>Carlson Civil &amp; Hydro Workshop \$99 for 8 PDH credits</p> <p>Statesville NC on 11/13/2013</p> <p>Raleigh NC on 12/12/2013</p>	<p>Topics include:</p> <ul style="list-style-type: none"> <li>• CAD tips &amp; tricks,</li> <li>• surface modeling and volume calcs with SiteNet,</li> <li>• BIM file import and export with new CADNet module,</li> <li>• advanced techniques for subdivision &amp; roadway design,</li> <li>• overview of hydrology design, drafting &amp; reporting</li> </ul>
<p>CAD and Carlson Workshop \$49 for 4 PDH</p> <p>Hendersonville NC (Asheville area) On 11/11/2013</p> <p>Wilmington NC on 12/9/2013</p>	<p>Topics include:</p> <ul style="list-style-type: none"> <li>• CAD tips &amp; tricks,</li> <li>• Carlson Survey and SurvCE tips &amp; tricks,</li> <li>• mapping &amp; stakeout in Carlson Survey and GIS,</li> <li>• surface modeling &amp; volume calcs</li> </ul>
<p>SEATS ARE LIMITED - REGISTER TODAY! Visit <a href="http://www.thatcadgirl.com/training-events">www.thatcadgirl.com/training-events</a> Call (919) 417-8351 Email <a href="mailto:ContactUs@ThatCADGirl.com">ContactUs@ThatCADGirl.com</a></p>	



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# MINUTES OF SCSPLS AND SAMSOG COMBINED MEMBERSHIP MEETING

**Saturday, July 20, 2013, Charleston Marriott, Charleston, SC**

A combined General Membership meeting of South Carolina Society of Professional Land Surveyors and Surveying and Mapping Society of Georgia was held on Saturday, July 20, 2013, at 8:30 AM, at the Charleston Marriott, Charleston, South Carolina.

SCSPLS Past President Kent Hudson called the meeting to order. SAMSOG President, Jim Anderson, gave an invocation and led in the Pledge of Allegiance. SCSPLS Past President Kent Hudson thanked everyone for their attendance and stated the group would be hearing from the following represented organizations: SAMSOG, SCSPLS, NCSS, TAPS, FSMS and NSPS.

**SAMSOG:** SAMSOG President Jim Anderson stated this was the group's first joint venture with SCSPLS and it seemed to be a success. He expressed his appreciation for attendance at the Convention. SAMSOG has had a few legislative issues over the past couple of years. Last year the House and Senate both passed a bill for a Geospatial Advisory Committee only to have it vetoed by the Governor. SAMSOG membership is steady. They have signed the MOU with NSPS. Their Board officers recently changed from 1 year term to 2 year terms. President Anderson has the distinction of being the first SAMSOG president to serve a 2 year term.

**SCSPLS:** SCSPLS Past President stated SCSPLS has also had a few legislative issues to deal with. In 2012 the Registration Board opened the Code of Laws for Engineers and Surveyors to be updated. While the Codes were opened, 3<sup>rd</sup> party groups came in and tried to take away and modify things that were important to engineers and surveyors. SCSPLS got involved with LLR, attended meetings and gave input on what was important to surveyors. The effort was successful and a good compromise was reached. Membership is improving and he thinks it will be a growing trend. SCSPLS has signed the MOU with NSPS and looks forward to more participation on the National level. The SCSPLS Board of Directors for 2013-14 has been elected and Past President Hudson is excited to see the upcoming events and leadership of SCSPLS during the 2013-14 year.

**NCSS:** NCSS President Joel Johnson thanked SCSPLS and SAMSOG for the invitation to attend this Convention. NCSS has had a busy year in legislation. They are working through two Bills that went through the House and Senate dealing with Underground Utilities. Working with power companies on a compromise has been difficult but they are hopeful a compromise will be met. Their Board of Examiners recently introduced a bill to include GIS professionals as Professional Land Surveyors. The bill allows 2 or 3 years for grandfathering of current GIS professionals but it is a difficult process. NCSS membership is starting to rebuild. They have signed the MOU with NSPS and were concerned the additional \$40 dues increase would cause them to lose members but it does not seem to have had an effect on membership renewals. Their convention will be held February 20-22, 2014, at the Crowne Plaza in Asheville, NC.

**TAPS:** TAPS President Benjamin Moorman thanked SCSPLS and SAMSOG for the invitation to attend this Convention. TAPS signed the MOU with NSPS and is putting effort into a membership drive. They have focused their attention on two

legislative issues that they hope will encourage TN surveyors that they need to be involved in their State Society. The first issue being address is Mortgage Loan Survey Reports which addresses issues of interest to lenders and title companies. They have received favorable reaction from title attorneys but have not yet approached lenders. The second issue is Property Description Reports. A Property Description Report would require a Registered Land Surveyor to review a property description before a title is transferred to see if the description is still relevant. This would not prevent the transfer of title but would be a way for the public to know what they are getting before acquiring a piece of property.

**FSMS:** FSMS Executive Director Marilyn Evers thanked SCSPLS and SAMSOG for the opportunity to speak at the combined meeting. FSMS membership began to decline in 2007 due to the economic downturn. Last year there was a slight increase in their membership and they are working to keep momentum going this year. They have charged Chapter with making local contact and encouraging membership in the State Society. FSMS understands the financial restraints their members are under and offer installment payment plans for membership dues and conference registrations. They have signed the MOU with NSPS. FSMS was successful in passing a limitation of liability bill this year and are looking at possible changes to their Minimum Technical Standards next year.

**NSPS:** NSPS President Lamar Evers thanked SCSPLS and SAMSOG for the invitation to this Convention. The 100% NSPS Membership Initiative has been very successful, with approximately 50% of the States on board at this time. Because of this success NSPS Membership has grown from 2,000 members 18 months ago to somewhere between 12,000-15,000 members currently. NSPS continues to work for the surveying profession on the national level. It provides technical answers on how GPS affects lives and is involved in national organizations such as FEMA, whose decision affect surveyors on a daily basis. NSPS has recently hired a firm that will act as their legislative affairs consultants. It has also hired Flat Dog Media firm for publications. NSPS needs to find younger surveyors willing to run for NSPS office and get involved on the national level. A national conference is in the planning stages now. At this time it is likely the conference will be held in the Baltimore/DC area in the spring of 2015.

**Closing Comments:** SAMSOG President Jim Anderson presented SCSPLS President Aaron Leach with a \$250 donation to the Amelia Manhardt Education Fund. SCSPLS Past President Kent Hudson thanked Mrs. Brenda Smith, Mrs. Kim Long and Ms. Ginger Walker for their work in putting the Convention together.

The combined meeting was adjourned for a short break. After the break SCSPLS and SAMSOG will continue their membership meetings separately.

Respectfully submitted,  
Andrew B. Wadsworth, Sr., SCSPLS Secretary 2013-14

# MINUTES OF SCSPLS GENERAL MEMBERSHIP MEETING

**Saturday, July 20, 2013, Charleston Marriott, Charleston, SC**

The first meeting of the General Membership of South Carolina Society of Professional Land Surveyors for the 2013-14 fiscal year was held on Saturday, July 20, 2013, at 9:30 AM, at the Charleston Marriott, Charleston, South Carolina.

Members in attendance were:..

## **Officers:**

President	Aaron Leach
President Elect	F. Elliott Quinn, III
Vice President	Brian B. Bonds
Secretary	Andrew Wadsworth, Sr.
Treasurer	F. William Fairey, IV
Immediate Past President	Kent Hudson

## **Delegates:**

SC Council of Eng. & Surv.	Carl Bostick, Absent
NSPS Governor	Henry Dingle
SC Utilities Committee	Aaron Taylor
SMAC/GIS	Bill Tripp

The Auxiliary

## **Chapter Representatives:**

Aiken Chapter	Bill Tripp
Central Chapter	
Coastal Chapter	Curtis Lybrand, Absent
Foothills Chapter	Thurl Amick
Grand Strand Chapter	Michael Culler, III, Absent
Low Country Chapter	Terry Hatchell
Midlands Chapter	Greg Jenness
Mid-State Chapter	C. A. Shealy
Northwest Chapter	T. Scott Richey, Absent
Pee Dee Chapter	Ferrell Prosser
Thomas C. Anderson Chapter	Wayne Reynolds, Absent
Tri-County Chapter	Floyd Sweatt, Absent
Upper Piedmont Chapter	Dennis Clinkscales, Absent

## **District Directors:**

District 1	Chuck Dawley, Absent
District 2	George Bradley, Jr., Absent
District 3	Tom Abraham, Absent
District 4	Billy Martin
District 5	Billy Hipp, Absent
District 6	Mike Culler, Jr., Absent

## **Executive Secretary:**

**Asst. to Exec. Sec.** Brenda Smith

Kim Long

**OTHERS MEMBERS PRESENT:** Joe Baird, Christopher Bass, Larry Beasley, Bill Coleman, Jack D. Epperly, Lee Frank, Nancy Frasure, Dennis Johns, Johnny Johnson, Bobby King, Todd Phillips, Terry M. Watson, Keith A. Wilson

**GUESTS PRESENT:** Lamar Evers, NSPS President; R. Joel Johnson, NCSS President.

A combined meeting of SCSPLS and SAMSOG was held Saturday, July 20<sup>th</sup> at 8:30 AM at the Charleston Marriott, Charleston, SC. At the conclusion of that meeting, the General Membership meeting of SCSPLS was called to order by Past President Kent Hudson at 9:30 AM. Mr. Brian Bonds

opened the meeting in prayer. Past President Hudson thanked everyone for their attendance and support through the year and passed the gavel to President Aaron Leach.

**MEMORIALS:** Memorials were presented for the following surveyors who passed away this past year: Henry Zed Duffie, Jr., Frankie Manhardt, W. Keith Roark, and Donald Wilson.

**CONSENT AGENDA:** A motion was made to approve the reports in the Consent Agenda. Motion was unanimously approved.

**APPROVAL OF MINUTES OF GENERAL MEMBERSHIP MEETING:** A motion was made to approve the minutes of the June 21, 2013 General Membership meeting. Motion unanimously approved.

**AGENDA:** Motion to approve agenda with a second. Motion unanimously approved.

**PRESIDENT'S REPORT:** Under New Business.

**FINANCIAL REPORT:** Mr. Will Fairey submitted a written statement of accounts. The balances of SCSPLS accounts are as follows: Wells Fargo account ending in -1285 balance of \$166,527.84; Wells Fargo account ending in -7096 balance of \$27,383.09. The balances of the SCSPLS Scholarship accounts are as follows: Merrill Lynch account ending in -4196 balance of \$48,659.39; Wells Fargo account ending in -7754 balance of \$4,411.40. All information is current as of July 3, 2013 and furnished for information purposes only.

**EXECUTIVE SECRETARY REPORT:** Mrs. Brenda Smith's written report stated she will begin working on a part-time basis on August 1<sup>st</sup>, 2013, and Mrs. Kim Long will assume the Executive Secretary position. Mrs. Smith will continue as Administrative Secretary and will assist the board with meeting planning, conventions, trade shows and conferences. She will also continue as financial assistant to the Treasurer.

## **DELEGATE REPORTS**

**SC COUNCIL OF ENG. & SURV. SOC.:** No report.

**NSPS:** No report.

**SMAC/GIS:** No report.

**SC UTILITIES COMMITTEE:** No report.

## **CHAPTER REPORTS:**

**Aiken:** Mr. Bill Tripp's written report stated the Chapter has met four times since February report with an average of 10 in attendance. Meetings were as follows: February 12, 2013 – Program, "Aiken Airport Base Line," presented by Bill Tripp; March 12, 2013 – Chapter business meeting; April 16, 2013 – Program, "Underground Utilities Equipment," presented by Chuck Drouillard of Duncan-Parnell; May 14, 2013 – Program, "Micro-survey Software for Land Surveying," presented by Brandon Wampler of MicroSurvey.

**Central:** No report.

**Coastal:** Mr. Curtis Lybrand's written report stated the Chapter met May 28<sup>th</sup> and June 25<sup>th</sup>. Sixteen members and



# MINUTES OF SCSPLS GENERAL MEMBERSHIP MEETING

**Saturday, July 20, 2013, Charleston Marriott, Charleston, SC**

guests were in attendance at the May meeting. David Grant of Natural Directions, LLC spoke on tree protection and the Chapter voted to donate \$225 to Homeworks, a program for children. Eighteen members and guests were in attendance at the June meeting. Guest speakers Gregg and Kellie Howell from SCPUPS discussed underground utilities. New officers were announced with Chuck Dawley being elected President. The Chapter voted to donate \$2,000 to an education fund for Frankie Manhardt's daughter, Amelia. Chuck Dawley will establish the account with Wells Fargo. Plans for the Convention Survey Games were discussed and finalized. The Chapter voted to purchase \$150 worth of items of local interest to donate to the Convention's Silent Auction.

**Foothills:** Mr. Thurl Amick's written report stated the Chapter elected officers at its June meeting: President – Bobby Foster; Vice President – Tony Kerr; Secretary/Treasurer – Norton Skardon; Chapter Representative – Thurl Amick.

**Grand Strand:** No report.

**Low Country:** No report.

**Midlands:** Mr. Gregory Jenness' written report stated the Chapter has met three times since last report with an average of 25 members and 1 guest present. The meeting for March was held on Monday evening, March 25<sup>th</sup> at Gilligan's Restaurant in Lexington. Members from the Midlands Chapter and Mid-State Chapter were on hand to hear Paul Abrams discuss new FEMA guidelines for flood certificates and Smart Vents. The April meeting was held on the 22<sup>nd</sup>. Chapter officers were nominated for the upcoming year and ballots were mailed to chapter members. The meeting date for May was changed to Wednesday, May 29<sup>th</sup> due to the Memorial Day holiday.

**Mid-State:** No report.

**Northwest:** Mr. T. Scott Richey's written report gave a synopsis of the Chapter meetings for the year. October and December, 2012 and January thru March, 2013 were general meetings. In September, Butch Herter from Carlson Software and Jennifer DiBona from That CAD Girl gave a product demonstration. In November, Joe Baird and Kent Hudson attended the meeting and discussed the aspects of the NSPS 100% membership initiative program. On March 22, 2013, Larry Phipps of Land Surveyor's Workshops presented a two part, 8 hour seminar, "Implementing Value Pricing for Surveying Services" and "A Look at Changes Coming in the Surveying Profession."

**Pee Dee:** No report.

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

**Tri-County:** No report.

**Upper Piedmont:** No report.

## DISTRICT DIRECTORS REPORTS:

**District 1:** No report.

**District 2:** No report.

**District 3:** No report.

**District 4:** Mr. Billy Martin's written report stated the Foothills Chapter has not 3 times since last report, with an average of 15 members and 1 guest in attendance. The Upper Piedmont Chapter has met once since last report, with 8 members and 1

guest in attendance.

**District 5:** No report.

**District 6:** No report.

## COMMITTEE REPORTS:

**Activities:** No report.

**Constitution and By-Laws:** Mr. Ronnie Tyler's written report stated the Committee continued this year to review the current SCSPLS Constitution and By-Laws to provide clarification and guidance to the Board of Directors and the membership on constitution questions and issues. The Committee has also provided assistance to the Board of Directors on proposed revision to the Constitution.

Emeritus Membership has been a point of revise and discussion. Membership changes will continue to be an item that the 2013-2014 Committee and Board of Directors will need to work on with the Membership to reach wording and revisions.

With the vote by the membership to adopt the MOU with NSPS new issues are created with the SCSPLS Constitution. These issues were reported to the Board of Directors and the Membership at the December Meeting in Charleston. The Society is now in the same violations of the Constitution as with the issues of the insurance benefits previously provided to the Membership.

In addition to these items there has been some confusion as to District Directors being Chapter Representatives and their duties. As District Directors are elected by State Members in that District they do not represent any Chapters in a District. While a person must be a full in-state member of SCSPLS, they do not have to be a member of any chapter. Chapter Representatives are elected or appointed by the Chapter Members, which includes both state SCSPLS members and non-state SCSPLS Members. Some Districts have more than one Chapter and these Chapters may have conflicting view points and therefore a District Director would not be able to vote representing more than Chapters' direction on conflicting issues.

These are just a couple of items that the Committee has worked on over the past year and will need to continue to address in the coming year. 2012-2013 Constitution and By-Laws Committee Members: Aaron F. Leach, Terry Watson, Frankie Manhardt and Dennis Johns.

**2013 Convention:** No report.

**Education Committee:** Mr. Greg Jenness' written report stated speaker planning has been finalized for this year's SCSPLS Convention, being held jointly with SAMSOG in Charleston, SC. All seminars are scheduled for Friday, giving surveyors the opportunity to pick up 7 PDH credits at this year's convention. Planning for the 2014 Educational Conference being held in Columbia has begun. Suggestions for topics and speakers are welcome.

**Ethics & Standards of Practice:** Mr. Will Fairey's written

# MINUTES OF SCSPLS GENERAL MEMBERSHIP MEETING

**Saturday, July 20, 2013, Charleston Marriott, Charleston, SC**

report state the committee has not met. Individually members were urged to contact their local legislators in response to the Industrial Exemption Bill proposed in Columbia. Mr. Fairey attended an LLR meeting and Senate LCI Committee hearing in regard to this issue. Currently, the Bill has been amended and changed to a version SCSPLS is willing to support.

**GPS-VRS:** No report.

**Insurance:** No report.

**Internet:** No report.

**Legal and Legislative:** Mr. Joe Jones' written report stated the 2013 Legislative Session came to a close June 27, 2013 with the House and Senate returning to decide the fate of State Budget vetoes by Governor Haley. For surveyors, the most important legislation, revisions to the Engineers and Surveyors Practice Act did not move. There was strong opposition to the qualification based selection portion to this legislation; therefore, I did not request House or Senate Subcommittee hearings. My job is to convince legislators the bills we endorse are good for the profession as well as for the public. This job becomes difficult when surveyors and engineers contact legislators giving them contrary opinions. Hopefully, after the surveying and engineering communities utilize the six months between legislative sessions to inform their members of the value of this legislation, passing the updated Practice Act, including the qualification based selection section, will be possible in 2014.

Near the end of the session, legislation was introduced, known as the "industry exemption." As introduced, this bill would have allowed companies to do engineering and surveying without South Carolina licensed personnel. Hopefully you saw legislative alerts when this bill was moving through the House and Senate like wild fire, and hopefully you contacted your legislator about this devastating bill. After a lot of work by Rep. Kenny Bingham, PE, Rep. Nelson Hardwick, PE, Sen. Shane Martin, the registration board, grassroots contacts, and my hours at the State House, this bill was modified to cover only industries regulated by the Federal Aviation Administration, and most important to surveyors, any reference to surveyors was removed. Surveyors and engineers were forced to oppose some of the most influential lobbying groups, major industries, House and Senate leaders, and the Governor's Office on the industry exemption bill. Successfully compromising this bill into its final version was an exceptional feat. However, the fight on the industrial exemption is not over. All of those groups have said they will be back in 2014 for another attempt to expand the exemption to include industry in general. Surveyors, like engineers, must be ready for this attack again. SC State Board of Registration for Professional Engineers and Surveyors Chair, Ms. Theresa Hodge, PE, has convened a committee to investigate the need for the proposed industry exemption. SCSPLS Past President Kent Hudson, PLS, is serving on the committee. Ms. Hodge has invited industry representatives to serve as well as representatives from each of the members of the SC Council of Engineering and Surveying Societies. As of this report, the committee has not met, but

expectations are this group will come up with an acceptable solution to all groups.

For the construction industry, including surveyors, the significant funds allocated to transportation this session should have some positive benefit. So, for the 2014 legislative session, the rewrite of the Engineers and Surveyors Practice Act is certainly going to be important to SCSPLS members. The industry exemption language will be an amendment to the Practice Act. Other issues that are expected are a series of tort reform bills that are good for all businesses both small and large.

If you see the need for legislation beyond the practice act, the industry exemption or infrastructure funding, please contact your SCSPLS Legislative Committee. This group can evaluate the ideas, and if they are important to surveyors, we can work to draft legislation to cover the issue. The first step to proactive legislative activity is identifying a need, and then working to see if it can be acceptable to some legislators and then introduction in the House and Senate.

**Membership:** Mr. Drew Wadsworth's written report stated the society had 392 members in 2012-13: Full – 341; Associate – 7; Complimentary – 7; Emeritus – 21; Student – 2; Sustaining – 14. Membership at year end for 2011-12 was 412. 2012-13 membership is down 20 members from 2011-12, and there was a gain of 40 new members. Membership was down 37 members in 2011-12 from 2010-11, and gained 32 new members that year. New members approved at the July 18th, 2013, Board meeting are as follows: **Full:** Kevin J. Beat, Donley's Inc., Cleveland, OH; Robert A. Praete, Little River, SC. Membership renewal invoices will be sent out to all current members the week of July 22<sup>nd</sup>.

**Newsletter:** No report.

**PAC:** Mr. Thurl Amick provided research on PAC laws in South Carolina. The packet can be received by contacting the SCSPLS office.

**Past President's Council:** No report.

**Plat Contest:** No report.

**Public Relations:** No report.

**Scholarship:** No report.

**Survey Contest:** No report.

**Surveyor of the Year:** No report.

**Yearbook:** No report.

## NEW BUSINESS:

**Board of Prof. Eng. & Surveyors' Report:** Mr. Johnny Johnson provided a report from the Board of Professional Engineers and Surveyors.

- Surveyors were removed from the Industrial Exemption law. However, the Industrial Exemption issue is not dead. LLR will continue to monitor and do its best to keep surveyors out of it.
- The Board is deep into disciplinary hearings. At this time there are no hearings involving surveyors. If anyone knows of a surveyor who is doing something wrong, they must fill out a complaint form and send

# MINUTES OF SCSPLS GENERAL MEMBERSHIP MEETING

**Saturday, July 20, 2013, Charleston Marriott, Charleston, SC**

to LLR to begin the process.

- Jan Simpson has officially retired from LLR and Lenora Addison-Miles is the new program administrator.
- There is a move to get approval of a law change nationally that would allow PS and PE candidates to take their PS and PE exams prior to obtaining their required years of experience. Graduates that are qualified to take the fundamentals exams would be allowed to apply for their professional exam at the same time rather than waiting 4 years. They would not receive their license until they complete the required years of experience.
- 8 surveyors passed the April PS exam. 6 of the 8 had taken the exam multiple times. 17 took the FS exam and 13 passed. 2 surveyors attended the licensing ceremony at the Statehouse. Surveyors need to encourage pride in the surveying profession and encourage more people to consider surveying as a career.

**NSPS Report:** Mr. Henry Dingle provided a report from NSPS. The LightSquare issue has quieted down but NSPS is still busy working for the surveying profession. With the help of a contribution from the NSPS PAC, he was able to accept an invitation from Congressman Jim Clyburn to attend a fundraising event. This allowed face time with Congressman Clyburn and an opportunity to speak with him about the Davis-Bacon Act. The Davis-Bacon act classifies land surveyors as laborers rather than professionals. This classification means the pay scale for surveyors on federal projects is lower. Curt Sumner has also been working on this issue and has spoken at a hearing about the Act. NSPS also held on to opposition with ABET.

**President's Report:** President Aaron Leach announced that Mrs. Brenda Smith is moving to part-time and Mrs. Kim Long will be the new Executive Secretary as of August 1<sup>st</sup>. President Leach thanked Mrs. Brenda Smith for her years of service. President Leach addressed the group regarding participation. This organization cannot survive without participation from members, and especially Board members. It takes Chapters getting together, Chapter Representatives and District Directors coming to Board meetings and voting, to get things done. The decision to disaffiliate the Central Chapter was made at the July 18<sup>th</sup> Board meeting. A certified letter will be sent to the 3 last representatives on record giving them the opportunity to comply with the regulations for affiliation or disaffiliate.

**Scholarship Report:** Mr. Larry Beasley reminded the group of the raffle items being given at the Banquet. The Scholarship checking account has a balance of \$4,500 and the Merrill Lynch account has a balance of \$48,659. The Committee received scholarship applications from 4 qualified candidates. There is enough money in checking to give each applicant a scholarship and also give \$1,000 to ETSU for scholarship without having to use any funds in the Merrill Lynch account. Mr. Beasley encouraged the group to continue to make donations and

to encourage more young people to get into the surveying profession. Speaker kits for career days are available online at NSPS. CST information is also available through NSPS and he encouraged the Society to help sponsor a CST program in SC.

## Closing Statements:


Ms. Nancy Frasure reminded the group of the Survey Games and Cook-off being held on the hotel grounds after the meeting. Everyone is encouraged to attend.

Mr. Joe Baird thanked SCSPLS for arranging a meeting space and allowing NSPS Areas 3 & 4 Directors to come together at this Convention. Mr. Lamar Evers thanked SCSPLS for the invitation to attend the Convention. He asked those in attendance to think about running for national office in the future.

Motion to adjourn with a second. Vote unanimous.



Respectfully submitted,


Andrew B. Wadsworth, Sr., SCSPLS Secretary 2013-14



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Auxiliary**	
Constitution & By-Laws*	<b>Ronnie Tyler</b>
2014 Convention*	<b>Elliotte Quinn</b>
Council of Engrs. & Surveyors Soc.	<b>Carl Bostick</b>
Education*	<b>Greg Jenness</b>
Ethics & Standards of Practice*	<b>Will Fairey</b>
GPS-VRS	
Insurance	<b>Dennis Clinkscales</b>
Internet	<b>David Ballard</b>
Legal & Legislative*	<b>Elliotte Quinn</b>
LLR Liaison	<b>Kent Hudson</b>
Membership*	<b>Andrew B. Wadsworth, Sr.</b>
Newsletter*	<b>Brian B. Bonds</b>
NSPS Delegate**	<b>Henry Dingle</b>
PAC Research Committee	<b>Dennis Clinkscales</b>
Past Presidents Council	<b>Kent Hudson</b>
Plat Contest	<b>Brian B. Bonds</b>
Public Relations*	<b>Aaron Leach</b>
ROD Committee	<b>Al Crouch</b>
SC Utilities	<b>Aaron Taylor</b>
Scholarship Committee *	<b>Joe McIntyre</b>
SMAC/GIS Committee	<b>Bill Tripp</b>
Survey Contest	<b>Thomas C. Anderson Chapter</b>
Surveyor of the Year	<b>Brian B. Bonds</b>
Trade Show	<b>Executive Board</b>
Yearbook	<b>Andrew B. Wadsworth, Sr.</b>

\*Standing Committees (10)

\*\*Elected Position

## Changes at SCSPLS



We are pleased to announce the promotion of Kim Long to the position of Executive Secretary. Kim has been employed with our Society for four and half years and she has excelled in completing her tasks and accepted the ever-changing requests graciously. We look forward to the continuity and energy she brings to this position.

Please also join us in congratulating Brenda Smith on her opportunities to spend more time with her family and spend some well-deserved time traveling. The good news is that following her nineteen years as a salaried employee of SCSPLS she will not be leaving, but cutting back and working on a part time basis.

### *To the members of SCSPLS.*



After 19 ½ years in the position of Executive Secretary, it is time that I slow down a bit and devote more time to another chapter of my life. It has been a joy going to work each day to help provide support for the surveying community. I have enjoyed working with each person who has served this Society and have developed many friendships. Each President and member of the Board of Directors has served a special place in this profession and in my life as well.

I have been blessed with the job in many ways and all the relationships with the members have been an added “perk” to the job. I will continue on a part-time basis helping with projects and working with the Board. Kim Long will now serve as your Executive Secretary and “go-to” person at your assistance. Kim is very capable and will lead SCSPLS to further support the surveying community. I would encourage each of you to serve the Society and your chapter in a leadership role; I am confident you will receive more than you give as I have.

With the RV sitting in the driveway and a husband who retired two years ago, there are other places to go, things to see, and new experiences in my future. As I write this article, we are sitting in a campground in Quebec, Canada getting ready for a tour of Quebec City. With five grandchildren in my life, I also want to spend some special time with each of them just being the grandmother.

Again, thank you for all you have done for me.

Brenda Smith

# South Carolina and the Doctrine of Adverse Possession

© Kristopher M. Kline, P.L.S., G.S.I.

Authors note: this article includes several excerpts from “*Rooted in Stone: the Development of Adverse Possession in 20 Eastern States and the District of Columbia*.” As in the book, sources in this article are included with the relevant discussion rather than as footnotes.

Adverse possession has been characterized as an amorphous doctrine by which a persistent “have-not” may become a “have.” This doctrine is also the ultimate basis for the common phrase “possession is 9 tenths of the law.” At first glance, prescriptive claims seem completely contrary to any reasonable legal theory, since they seem to reward theft and penalize the innocent in favor of the guilty. One of the oldest axioms of English common law states: “**For true it is, that neither fraud nor might, Can make a title where there wanteth right.**” **Quoted in Altham’s case, 8 Coke Rep. 153, 77 Engl. reprint, 707.** However, it appears that adverse possession constitutes the inevitable exception to this axiom.

Adverse possession is hardly a new idea. Early origins of this concept can be traced back as far as the Code of Hammurabi (circa 1720 B.C.) Some of the concepts embodied by the code were later incorporated into the legal system of ancient Rome, where the term *usucapione* (still the modern Italian term for adverse possession) existed as early as 450 B.C. At that time, what were referred to as the “**Twelve tables**” dealt with issues still familiar today. Of particular interest is Table VI, which stated: “*Usucapio of movable things requires one year’s possession for its completion; but usucapio of an estate and buildings two years.*” This quotation demonstrates the early development of adverse possession and also recognizes the distinction between real and personal property.

United States statutes of limitations and several particulars of our common law are ultimately based on those early ideas as a result of their incorporation into early English common law. The **Statute of Westminster** (1275) includes one of the earliest known examples of what we now call a statute of limitations. More recently, the concept was embodied in the **Statute of 21 James 1, c. 16, (1623)** where “**the period within which an action must be brought to recover possession of real estate was reduced to twenty years.**” **American Law Register, April 1879 Vol. 27, No. 4, New Series Vol. 18.** This 20-year standard is still recognized in many jurisdictions, including South Carolina.

In theory, the continued existence of this doctrine in modern society provides several benefits to state and

federal government, and to society as a whole. Potential benefits include: stabilization of uncertain boundaries; perpetuation of the dignity of the apparent ownership of the adverse possessor who transfers his interest; and assurance of the long-term productivity of the land. The last item is of particular interest to local and federal authorities, since unclaimed land is difficult to tax and vacant lots provide little or no tax revenue. Ultimately, the idea is to award the land to the individual who will make the highest and best use of the tract in question.

The basic requirements for a prescriptive claim may be easily remembered with the acronym “**OCEANS**”. The claimant must show: physical **O**ccupation of a **C**ontinuous nature; **E**xclusive use must be proven; the use must be **A**dverse to the true owner as well as open and **N**otorious for the **S**tatutory Period. While this list may be used to remember the general outline of the doctrine, some states have modified this list to include as few as four or as many as seven requirements.

## Tacking in South Carolina

Compared with other state courts, South Carolina presents a relatively restricted view of the applications of tacking. **Pegues v. Warley: 14 S.C. 180 (1880)** declines to allow tacking between successive occupants and appears to set the standard for modern opinions on the subject. It should be noted that this case is further complicated by the lien that existed against debts owed by the original landowner.

It is already well settled in this jurisdiction: **that one in possession of land for a less time than the statutory period cannot unite his possession with that of one from whom he purchased in order to make out ten years, for, until that period has run out, they are both, as it respects the true owner, as mere trespassers ...** This stance is justified by the observation that conveyances between claimants in these circumstances are void and “convey nothing.” This view remains well established in South Carolina, in apparent contradiction with the position taken by most state courts.

**Haithcock v. Haithcock: 123 S.C. 61; 115 S.E. 727 (1923)** is a landmark decision that considers the relationship between tacking, statutory adverse possession and the 20-year common law presumed grant. The rather brief lower court ruling, which is upheld here, bears careful consideration.

This court defines four ways that title may be acquired

by an individual – a grant from the state, chain of title from common source, a conclusive presumption of a grant after 20 years of adverse possession, and 10 years of adverse possession under statutory requirements. While tacking is specifically allowed between successive owners when claiming the 20-year presumptive grant, tacking is only allowed between ancestor and heir where the 10-year statute of limitations will be invoked: **Now, he may tack his title and the title of those from whom he obtained title, so as to make up the 20 years which would presume a grant; but in order to make up the 10 years of adverse possession, he cannot tack his title with the title of his grantor or those under whom he claims as purchaser.**

The then-current statutory requirements defining possession under color of title are contrasted with those where the claimant lacks color. The requirements that were described in the then-current code sections 129 and 130 are now found in *S.C. 15-67-230* and *15-67-250*.

### **Effect of Mistaken Belief**

Two distinct views of possession under mistaken belief were proposed in the early development of the doctrine. In the first, the claimants are not allowed to pursue a claim based on mistake and they must have an actual intent in mind to take the lands of another. The argument against this stance (often referred to as the “minority rule”) is that it rewards criminal intent and penalizes innocent mistake. In addition, many courts concluded that determination of the secret inner thought of the claimant could be difficult for a jury years after the fact.

South Carolina has only recently shifted towards the so-called “majority rule” – also referred to as the “Connecticut rule” (based on the Connecticut ruling **French v. Pearce, 8 Conn. 439 (1831)**). This stance allows adverse use that originates from ignorance of the location of the true boundary location to mature into title. This is an important distinction considering the frequency of claims that arise out of innocent mistake by the parties as to the true location of the boundary line. It has also been one of the most argued elements of the doctrine nationwide as demonstrated by numerous overturned rulings and frequent shifts of posture by the courts.

### **Adverse Possession and the Surveyor**

Land surveys taken alone are not generally considered to either interrupt or commence an adverse claim, though the reasons stated for this rationale vary between jurisdictions. Many courts observe that a survey is an isolated event rather than a continuous occupation. Others note that the purpose of the survey is often simply to determine boundary location rather than to exclude the world at large.

**South Carolina Digest – 1783 to 1886 (volume 1 and 2; West publishing company - 1922)** notes that entry solely for the purpose of making a survey is not considered sufficient to bar the statute of limitations. South Carolina rulings note that conducting a survey is included in the

same category as cutting or marking trees. These acts are characterized as “Fugitive trespasses.” Nor is payment of taxes by itself considered sufficient to prove an adverse claim.

While modern rulings on this aspect of the doctrine are sparse, similar conclusions are found in the neighboring state of Georgia. **Henson v. Tucker: 278 Ga. App. 859; 630 S.E.2d 64 (2006)** ponders the significance of a boundary survey when considered as evidence of adverse use. The court response to this query was emphatic: **entering a tract of land and surveying it is not an ‘open, notorious nor a continued possession.’ The Court specifically determined, ‘Passing through a tract of land, or around it, and marking trees, is no such possession. It is no disseizin.’ Accordingly, the 1973 surveying of the land and marking of drill rods and pins found thereon did not amount to an adverse possession.**

Furthermore, these acts do not become an adverse possession merely because they are done in the presence of the true owner and consistent with his or her indications of the property boundaries. The court ruled that the survey failed to withstand the test of exclusive use and did not constitute a continuous possession of the disputed area. While “slight intervals” or “short intervals of temporary absence” may exist where the claimant is not present on the property, something must be present to give notice to the true owner for the entire statutory period.

Despite the legitimacy of the sources quoted, this article only touches on a few aspects of adverse possession. Other problems facing modern surveyors are claims of submerged lands and situations involving severed mineral interests in land. In addition, surveyors should be aware that existing easements of record may be extinguished by adverse use in certain circumstances. This review serves only to demonstrate the complexity of the application of the doctrine.

While it is certainly gratifying when the surveyor is asked to mediate between parties or to settle an adverse possession claim, the surveyor risks major repercussions with any error in judgment when acting in this capacity. As additional information becomes available, the surveyor should take advantage of any opportunity to expand his or her understanding of these issues, while keeping clearly in mind that the practice of surveying and the practice of law are separate professions.

*Kris’ new book “Rooted in Stone: the Development of Adverse Possession in 20 Eastern States and the District of Columbia” is now available for sale. Call 828-778-1748 for further information.*

**Note: neither the author nor publisher of this article intend it to be considered a source of legal advice. The law can change over time and differs in various jurisdictions. The best source of legal counsel is an attorney admitted to the Bar in your state.**



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# SPOTLIGHT ON EDUCATION

## Return on Investment: A Formal Surveying Education

By Knud E. Hermansen†  
P.L.S., P.E., Ph.D., Esq.

Carlton A. Brown†  
P.L.S., P.E., Ph.D.

As faculty members in the Surveying Engineering Technology program at the University of Maine, we are often asked if it is worth pursuing a bachelor of science degree in surveying. In other words, will a graduate receive a good return on their investment by pursuing academic studies in surveying. Our answer is an unqualified “YES.”

### THE RETURN FROM THE INVESTMENT

The return from investing in a four-year surveying education has many facets aside from the knowledge itself and the need for the degree in some states for obtaining a professional license. From our observation, graduates from a four-year surveying program are in the top 30% of the starting salaries received by college undergraduates. This surprises many surveyors who often feel they are on the bottom end of earners.<sup>1</sup> The fact is that a large number of college graduates cannot find employment after graduation.<sup>2</sup> What employment is available for many college graduates is not too far above the minimum wage.<sup>3</sup> Some graduates such as those with a degree in social work must often obtain a graduate degree or work as an unpaid intern for one or two years before securing paid employment in their field. On the other hand, over thirty employment announcements were posted for University of Maine surveying students between January and May 2013<sup>4</sup> - almost three times more than the number of

surveying students graduating.

A four-year surveying degree has considerable value aside from surveyor licensing. Graduates with a bachelor of science degree in surveying are in an excellent position to multiply their earnings through additional studies. Graduates can go on to earn a graduate degree in the surveying field or a related field such as GIS. Graduates can also pursue graduate studies and earn an MBA,<sup>5</sup> graduate degree in civil engineering,<sup>6</sup> or a law degree.<sup>7</sup>

Most four-year surveying programs are ABET accredited. Graduates with a bachelor of science degree in surveying from an ABET accredited program can seek dual registration as both a surveyor and engineer in most states.<sup>8</sup> Dual licensing as both an engineer and surveyor will add at least 50% to an individual's average salary.<sup>9</sup> Many surveyors also hold other licenses or certifications allowing practice and expanded services in such areas as designing on-site septic systems, forestry, wetlands delineation, flood plain manager, photogrammetry, and city planning, to name a few.

Surveying graduates also have considerable potential to increase their earnings by hard work and entrepreneurial endeavors. Unlike some professions

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average. (August 2012) “Surveyors”, *Bureau of Labor Statistics*.

Retrieved May 2013 from <http://www.bls.gov/ooh/architecture-and-engineering/surveyors.htm>

5 It is a misconception to believe an individual must have an undergraduate business degree before earning a masters in business administration (MBA).

6 Most civil engineer programs will allow an individual with a B.S. in surveying to enroll directly into the civil engineering graduate program.

7 Generally the only two requirements to be accepted into a law school is an acceptable undergraduate grade point average (GPA) and an acceptable law school aptitude test (LSAT) score. All things being equal, nurses and technical majors are often given preference.

8 NCEES administers both components of the surveying and engineering exams. Individuals seeking licensure as a professional engineer will have to work under a licensed engineer performing engineering services before the individual can sit for the principles and practice portion of the engineering exam.

9 According to the NSPE 2012 Engineering Income and Salary Survey, a dual licensed individual mean salary is \$104,000 a year.

1 The average salary of a surveyor in 2012 was \$59,180 a year or approximately \$28.50 an hour while an elementary teacher was \$56,000 per year, a social worker was \$47,000 per year, forester was \$57,000 per year, and electrical engineering technician was \$58,000 per year. “May 2012 National Occupational Employment and Wage Estimates United States” *Bureau of Labor Statistics*. Retrieved May 2013 from [http://www.bls.gov/oes/current/oes\\_nat.htm#17-0000](http://www.bls.gov/oes/current/oes_nat.htm#17-0000)

2 See Willis, Gerri. (2013 Feb.) “Drowning in Debt: Liberal Arts Graduates” *Fox Business*, *Gerri Willis Daily*. Retrieved May 2013 from <http://www.foxbusiness.com/on-air/willis-report/blog/2013/02/19/drowning-debt-liberal-arts-graduates> and Gerber, Scott. (2012 Sep.) “How Liberal Arts Colleges Are Failing America.” *The Atlantic*. Retrieved May 2013 from <http://www.theatlantic.com/business/archive/2012/09/how-liberal-arts-colleges-are-failing-america/262711/>

3 Notte, Jason. (2013 April) “284,000 College Grads Making Minimum Wage” *MSN Money*, Retrieved May 2013 from <http://money.msn.com/now/post.aspx?post=60c2d77c-2d2b-4920-8156-4fb05e443d93>

4 The employment outlook for surveyors is 25% higher than

such as grade-school teaching or social work where individuals most often work within a structured bureaucracy, surveyors usually obtain employment where they can advance based on merit and hard work. Licensed surveyors can start their own firms with minimal investment in equipment and software compared to other startup businesses.

The bottom line is that a graduate with a four-year degree can expect to earn around \$600,000 more during their professional career.<sup>10</sup>

The second part of analyzing the return on an investment in formal education as a surveyor is to look at the cost of a formal education. Without question, education is expensive. A four-year degree at a public university will cost around \$90,000.<sup>11</sup> There are numerous ways to reduce or even eliminate this cost.

One way to drastically reduce costs, available to every student, is to earn a surveying degree at a two-year college.<sup>12</sup> At the University of Maine, a 2+2 option is available for almost all two-year (associate in science) surveying degrees. Even where a two-year surveying degree is not available in a state, a frugal student can earn approximately two years of credit toward a four-year surveying degree at most community colleges. General education courses required for a surveying degree such as mathematics, physics, writing, speech, accounting, economics, business law, ethics, and humanities courses are usually found and can be taken at community colleges found near most communities.

Full tuition payment through scholarships or other avenues are often available to students. The most common source for payment of all tuition costs in the surveying program at the University of Maine is veterans' tuition assistance like the G.I. Bill. Almost 7% of the current students in the surveying program at the University of Maine are veterans receiving veterans' educational benefits.<sup>13</sup>

A major source of scholarship grants come from state surveying societies. Many state surveying

societies award student scholarships in excess of several thousand dollars a year. Almost all surveying students at the University of Maine receive one or more surveying scholarships.

Another major source of education financial support is summer employment in the surveying field. Summer often brings an increase in surveying field work with a corresponding increase in part-time surveying employment. Some employers even provide scholarships to summer employees going to college.<sup>14</sup>

### THE RESULTS

After examining both the investment cost and return on the investment, the result shows a four-year degree in surveying is a good investment. The college graduate can expect to earn 65% more than a high-school graduate.<sup>15</sup> Based on a 30-year professional career, a graduate can expect a 7% return on their investment.<sup>16</sup> Of course the return on the investment is considerably higher with community college courses, tuition aid grants, and scholarships.

For almost all individuals, pursuing a four-year surveying degree is worth the effort.<sup>17</sup>

† Knud Hermansen and Carlton Brown are professors in the Surveying Engineering Technology program at the University of Maine. The Surveying Engineering Technology program is a four-year program leading to a B.S. degree in Surveying Engineering Technology. It is an ABET/TAC accredited program. A five year B.S./M.B.A. option is available. The focus of the program is to educate students for professional surveying practice.

10 "2013 College Education ROI Rankings: Does a Degree Always Pay Off?" *PayScale*. Retrieved May 2013 from <http://www.payscale.com/college-education-value-2013>

11 "2013 College Education ROI Rankings: Does a Degree Always Pay Off?" *PayScale*. Retrieved May 2013 from <http://www.payscale.com/college-education-value-2013>

12 In Maine, community colleges tuition rates are approximately a third of the tuition rates at four-year Universities.

13 As an aside, without an explanation, almost all at this time are U.S. Marine veterans.

14 The Bureau of Land Management fell into this category along with many private employers such as Judith Nitsch Engineering, Inc.

15 Korane, Kenneth J. (2012, Sep.) "Which Engineering Schools Offer the Best Value?" *Machine Design*. Retrieved May 2013 from <http://machinedesign.com/news/which-engineering-schools-offer-best-value>

16 "2013 College Education ROI Rankings: Does a Degree Always Pay Off?" *PayScale*. Retrieved May 2013 from <http://www.payscale.com/college-education-value-2013>

17 Ibid.



# Surveying the Long Gray Line



**IN THE BEGINNING:** On December 20<sup>th</sup>, 1842 The Citadel was born with enabling legislation passed by the State to educate and train citizen soldiers. This course of instruction included the following subjects: Modern History, Geography, English Grammar, Algebra, Geometry, Trigonometry, French, Bookkeeping, Descriptive Geometry, Rhetoric, Moral and Natural Philosophy, Architecture, Civil and Military Engineering, the Science of War, Topographical Drawing, Chemistry, Physics, Geology, Mineralogy, Botany, Constitutional Law, and the Laws of Nations. In addition, Cadets would be schooled in the military arts, including Artillery, Evolutions of the Line, and Duties of non-commissioned and commissioned Officers. As one can readily see, the subjects taught to Cadets are remarkably similar to those offered as part of modern geomatics/surveying curricula. Many graduates conducted land surveys before the profession became regulated.

**OVER THE YEARS:** There have been many graduates who have pursued their professional careers in areas involving surveying at the national level which include the following three gentlemen:



Admiral James C. Tison, Citadel Class of 1929, began his career training with the Coast and Geodetic Survey as a deck officer in July 1929, and served for several years on various ships in the Atlantic, Gulf of Mexico, Puget Sound, and the Aleutian Islands. He then served as assistant inspector of construction for the Coast and Geodetic Survey at Newport News for several months in

1931 while the USC &GS survey ship HYDROGRAPHER was being completed. Later he was transferred by Executive Order into the Air Force in March 1942. He was in charge of photogrammetric and geodetic control operations for aeronautical charting. He returned to the C & GS in 1950 after achieving the rank of Colonel. He was promoted to Admiral where he served as the Director in 1965, and then as director of the International Hydrographic bureau in Monaco through 1977, the only remaining functioning body of the League of Nations.



Capt. Harry D. Reed, Jr., Class of 1933, NOAA (Ret'd) Spent 30 years with The Coast and Geodetic Survey which later was absorbed by NOAA. He entered on duty with the Coast and Geodetic Survey as a deck officer in 1940. He was transferred to the U.S. Army in January 1944, and served in Europe as survey officer

of an artillery observation battalion, returning to the Coast and Geodetic Survey in January 1946. Captain Reed served for more than 15 years on various Coast and Geodetic Survey ships, and commanded the JONES, PATTON, and HYDROGRAPHER. He was District Officer in New Orleans from 1962 until 1965, and later retired in 1968.

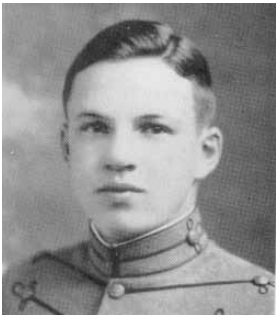


Cdr Richard T. Brennan, Class 1990 started his career in 1992 aboard NOAA Ship *Rude*. Since then he has served ten out of his nineteen years of service in the field conducting hydrographic surveys. He earned a masters degree in Ocean Engineering from the University of New Hampshire in 2005 where he

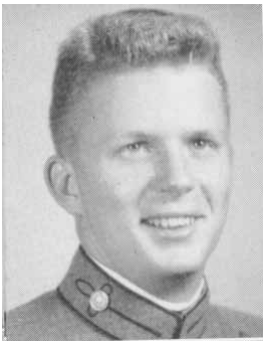
specialized in Ocean Mapping at the Center for Coastal and Ocean Mapping and NOAA's Joint Hydrographic Center. Most recently, CDR Brennan has served as the Chief of the Atlantic Hydrographic Branch compiling surveys and turning them into nautical charts. His current assignment is as the Commanding Officer of NOAA Ship *Rainier* whose mission is to conduct modern hydrographic surveys in the waters of the Pacific Northwest.

**Other graduates have pursued surveying related careers at the state and local level over the years.**

One example is Lt. Col. James Team Gettys, Jr., Class of 1931. Team was a registered land surveyor and civil engineer who initially practiced in Kershaw County for a number of



years as well as serving as Chief of Survey Party for the Resettlement Administration, City Engineer for City of Rock Hill, and engineer for the Vicksburg Engineer District. During World War II he served in the Army Air Corps in Australia and New Guinea as a commissioned officer. After the war he held the position of Base Civil Engineer and Squadron Commander at Maxwell Air Force Base in Alabama, Goose Bay in Labrador, Travis AFB in California, and Orlando AFB in Florida. After retiring from active duty he held the position of Camden's City Building Official for over a decade. Team was also active in Rotary and served at as Chairman of the Kershaw County Planning and Zoning Commission.



Another example graduate, Col. George F. Von Kolnitz, IV (Tony), Class of 1961. Tony served as a civil engineer in the U.S. Air Force, retiring from the Reserves with the rank of Colonel, and as a civil engineering and land surveying professor at The Citadel for a number of years. Recently he retired as the Director of Engineering at the Medical University of South Carolina in Charleston.

**CURRENT COURSE OFFERINGS:** The Citadel's gray cadet uniform as well as the surveying related fundamentals being taught have changed little over the years. New opportunities, however, allow non-cadet evening school students and veteran students the ability to prepare for a career as a professional surveyor by enrolling in the Citadel's College of Graduate Studies and 2+2 undergraduate civil engineering programs. In addition, what is being taught beyond the fundamentals in the surveying related courses reflects improved information, increased technology, and the latest changing conditions.

Students enrolled in the Department of Civil and Environmental Engineering are required to take a course in Plane Surveying and another in Geospatial Measurements. Both of these courses have accompanying labs where students apply theory learned in the classroom to solve real-world problems. These courses focus on linear measurements, leveling, theory of errors, traverse closure, coordinate geometry, legal aspects of surveys, public land surveys, topographic mapping, least squares adjustments, map projections, coordinate systems, astronomic observations, Geographic Positioning Systems (GPS), Geographic Information Systems (GIS), and remote sensing.

The surveying and mapping courses currently taught at the Citadel through the Department of Civil and Environmental Engineering and recognized by the South Carolina State Board for Professional Registration as collectively meeting the minimum

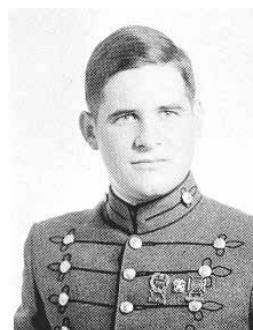
educational requirements for sitting the Fundamental in Land Surveying (FS) Examination include:

- Civil 101 - Engineering Drawing (2 credit hours)
- Civil 205 - Surveying (3 credit hours)
- Civil 235 - Surveying Laboratory (1 credit hour)
- Civil 208 - Geospatial Representation (3 credit hours)
- Civil 239 - Geomatics Laboratory (1 credit hour)
- Civil 302 - Highway Engineering (3 credit hours)
- Civil 305 - Transportation Engineering (3 credit hours)
- Civil 321 - Hydrology and Hydraulics (3 credit hours)
- Civil - 320 Fluid Mechanics (3 credit hours)
- Civil 418 - Fluid Mechanics Laboratory (1 credit hour)

**BENEFITS:** There are many benefits from students taking surveying and surveying related courses. In addition to the usual summer employment activities while in college, students often are able to parley this experience in their resume for permanent employment after graduation. Over the past several years, senior civil engineering students have been afforded the opportunity to sit the FS examination before graduation where the majority of those taking the examination have passed.

Other benefits include student participation in community service projects relating to surveying and mapping. One such project was conducted by Citadel Students in 1997 and 1998 when they re-surveyed the old part of the Town of Summerville that was laid out using the "Detmold Plan". This gridiron plan was never staked on the ground, and over the years no one knew where Square One was supposed to be located on the ground. Town Council had over 200 matters brought before it to address property line disputes between the time of incorporation and 1997. As many of the established block corners were located by the students, and their field data was adjusted by least squares to best fit the on-paper Detmold Plan. This resulted in the Town adopting an official map based on State Plane Coordinates for recognized block corners, and as a result Town Council has had no subsequent problems of this nature to deal with over the past 15 years.

**FUTURE:** Faculty is always looking to improve course offerings as well as educational opportunities to better meet the needs of the Citizens of the State of South Carolina.



**THE AUTHOR:** Colonel Thomas R. Dion PE & LS, Class of 1968, joined the Citadel faculty in 1976 as an assistant professor of Civil Engineering and became a full professor in 1996. He has been very active in promoting surveying educational opportunities while at The Citadel, and for 10 years served as chief examiner for the South Carolina State Board of Engineering Examiners on matters pertaining to state specific land surveying. He received the Society's Life Service Award in July and is planning on retiring 1 January 2014.

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# Col. Thomas R. Dion Given Life Service Award

Col. Thomas R. Dion, PLS, PE was presented with the SCSPLS Life Service Award on July 20<sup>th</sup>, 2013, at the SCSPLS and SAMSOG Joint Surveyors' Convention.



Col. Dion was nominated by fellow surveyors Kent C. Hudson, PLS and William C. Martin, PLS, PE because of his commitment to the surveying profession through his teaching, scholarship, service, and mentoring of surveying students. Col. Dion has taught at The Citadel since 1976, is a holder of patents pertaining to pumping systems both in and outside of the United States, and is

the author of numerous papers as well as textbooks.

Col. Dion is a graduate of The Citadel and Clemson. He enlisted with the Sea Bees when he was 17 years old, and received his commission in the Navy in 1968. Col. Dion received his B.S. Degree in Civil Engineering from The Citadel in 1968 and in 1973 he received his M.S. Degree in Civil Engineering from Clemson University. He began his teaching career at The Citadel in 1976. He has been on the faculty of The Citadel for 35 years, serving from an Assistant Professor to Associate Professor to

Full Professor at present. He has been instrumental in updating and keeping The Citadel's land surveying courses in-tact, and assisted in the process of having the State Board of Engineering Examiners review and certify those courses as meeting the 2010 educational requirements in preparation for becoming a land surveyor in training.

In addition to being a member of SCSPLS since 1983, Col. Dion is a life member of ASCE, a member of ASEE, Charleston Civil Engineers Club, Tau Beta PI, SC Gamma Chapter-The Citadel, and Phi Kappa Phi. He has received many honors and awards including the National ASCE for Outstanding Duty as Faculty Advisor of The Citadel ASCE Student Chapter; Outstanding Teacher of the Year Award at The Citadel in 1989; Outstanding Faculty Activity Award at The Citadel in 1989; selected for Who's Who in The South and Southwest, 1991-92; Who's Who in Education in 1992-93; Who's Who in Science and Engineering, 1992-1993; Who's Who in Finance and Industry in 1992-93; Citadel Board of Visitors Palmetto Medal, 2010 which is the highest award given by the Board of visitors, second only to that of an Honorary Degree. Col. Dion was recognized by the SC Board of Registration for Professional Engineers and Surveyors for 10 years of outstanding service as chief examiner on matters pertaining to the land surveying state specific examination for professional registration in 1996. In June 2011, Col. Dion received the ASCE's SC Sections' LeTellier Cup award which recognizes a person in SC who has contributed significantly to the Civil Engineering Profession through technical excellence, education, or service to the profession.

## SCSPLS Life Service Award Recipients

The SCSPLS Life Service Award recognizes lifetime contributions toward the advancement of land surveying as a profession in South Carolina. The SCSPLS Board of Directors voted to approve the Policy Statement of the SCSPLS Life Service Award at the April 26, 1996 Board meeting.

*The following are recipients of this award:*

1. **Mr. Sid Miller**, Easley, SC, Convention 1996, Springmaid Beach, Myrtle Beach, SC
2. **Mrs. Mary M. Law**, SC Department of LLR, Columbia, SC, July, 1996, SCESS Awards Dinner
3. **Mr. Gary Thompson**, NSPS Area 3 Governor, Convention 1999, Landmark Hotel, Myrtle Beach, SC
4. **Mr. Thurl and Mrs. Helen Amick**, Simpsonville, SC, 2000 Convention, Landmark Hotel, Myrtle Beach, SC
5. **Mr. Larry Coker**, Lexington, SC, Convention 2003, Kingston Plantation, Myrtle Beach, SC
6. **Mr. Al Whitworth**, Lexington, SC, 2003 Convention, Kingston Plantation, Myrtle Beach, SC
7. **Mr. Terry M. Watson**, Conway, SC, 2005 Convention, Kingston Plantation, Myrtle Beach, SC
8. **Mr. Charles J. Ido**, SC Department of LLR, Columbia, SC, 2006, Convention, Kingston Plantation, Myrtle Beach, SC
9. **Mr. Joe H. Baird**, Clover, SC, 2007 Convention, Kingston Plantation, Myrtle Beach, SC
10. **Mr. Edward F. Woodward**, Rock Hill, SC, 2009, Given while a patient at Hospice House & Com. Care, Rock Hill, SC
11. **Mr. Gene L. Dinkins, Sr.**, Columbia, SC, 2010 Convention, Wild Dunes Resort, Isle of Palms, SC
12. **Mr. Albert G. Wolfe**, Inman, SC, 2010 Upper Piedmont Chapter Christmas Banquet, Piedmont Club, Spartanburg, SC
13. **Mr. William R. Coleman**, Dallas, NC, given at 2011 NSPS Conference, July, 2011, San Diego, CA
14. **Col. Thomas R. Dion**, Summerville, SC, given at 2013 SCSPLS & SAMSOG Joint Surveyors Convention, July 2013, Charleston, SC

# 2013 SURVEYOR OF THE YEAR

## FRANCES M. A. (FRANKIE) MANHARDT



The South Carolina Society of Professional Land Surveyors honored Frances M. A. (Frankie) Manhardt of Eutawville, SC, by selecting her South Carolina "Surveyor of the Year" for 2013. This honor was presented at the SCSPLS & SAMSOG Joint Surveyors' Convention on July 20<sup>th</sup>, 2013 at the Charleston Marriott in Charleston, SC. Accepting the award on her behalf were her husband and daughter, Michael and Amelia Manhardt. The Surveyor of the Year Award is presented annually by the Society to a surveyor who has made outstanding contributions to the profession of land surveying in the State of South Carolina.

Frankie was born in Australia, and kept her trademark accent through her years. In 1994 she received an Associate's Degree in Cartography while living in Darwin, and working on a massive three year project for the Australian government. She was responsible for converting the original English standard measurements to the metric system. That same year, she met her future husband, Michael, and was married 10 days later. After traveling to the United States, they were stationed in Beaufort where Frankie went to work surveying in 1998. In 1999, the family relocated to Eutawville, and Frankie went to work at Davis & Floyd. She became registered in 2004, and by 2008, she was running the Charleston Office of CHE Surveying. She became active in the Coastal Chapter of SCSPLS, as well as the State Society, serving on the Boards of both and becoming the first woman President of either group. She once said, "I don't want to be known as a woman surveyor; I want to be known as a surveyor who happens to be a woman." Frankie served with distinction as the first female President of her local Coastal Chapter and as the first female President of SCSPLS. She exuded excitement, joy, kindness and great determination in everything she did. She touched the lives of everyone she came in contact with. Frankie represented SCSPLS and the surveying profession well in her travels as President and unselfishly gave up her time to help promote the

surveying profession whenever an opportunity arose.

Frankie Manhardt died May 29<sup>th</sup>, 2013, after a heroic battle against cancer. SCSPLS lost a leader and true pioneer in the surveying profession. Her love for her family, friends, and coworkers was limitless and unconditional. Rescuing animals was one of the great windows into her

heart and soul. It reflected her love and compassion for the less fortunate. Everyone who knew her knew for what she stood.

### Amelia Manhardt Scholarship Donation Fund

The Coastal Chapter of SCSPLS is pleased to announce the establishment of the Amelia Manhardt Scholarship Donation Fund. This was done to honor the life of our friend and colleague, Frankie Manhardt, PLS, and to show appreciation

to her family for her generous service to the profession on the local, state and national levels. The Coastal Chapter opened the account with a \$2,000 contribution. The Surveying and Mapping Society of Georgia (SAMSOG) also contributed \$250 to the account in Frankie's honor. Contributions can be made to The Amelia Manhardt Scholarship Donation Fund, Wells Fargo Bank, 406 North Main St., Summerville, SC 29483.



Michael and Amelia Manhardt accepting the Surveyor of the Year Award on behalf of Frankie Manhardt, PLS

# Thank You

**Thank you to everyone who contributed to the SCSPLS Scholarship Fund. Because of your generosity and support, the SCSPLS Scholarship Committee was able to award 5 Scholarships this year.**

Logan Bell – Clemson University - \$1,000

Jessica Zaft – Florence-Darlington Technical College - \$1,000

Michael Alexander – Florence-Darlington Technical College - \$500

Michael Bitzky – Florence-Darlington Technical College - \$500

ETSU - \$1,000



August 13<sup>th</sup> Grand Strand Chapter Meeting:  
Mike Culler, Jr., District 6 Director – Michael Culler, III, Grand Strand Chapter President  
- Larry Beasley, Scholarship Committee Chairman – Mike Alexander – Logan Bell – Jessica Zaft – Aaron Leach, SCSPLS President

August 5<sup>th</sup> Pee Dee Chapter Meeting: Mike Bitzky - Jessica Zaft – Kamil Zakhour, Dept. Head of Engineering Technology, Florence Darlington Technical College – Aaron Leach, SCSPLS President – Ferrell Prosser, Pee Dee Chapter President – Larry Beasley, Scholarship Committee Chairman – Mike Culler, Jr., District 6 Director



## Congratulations Scholarship Raffle Winners!

Albert Judy - One Year Subscription to the SC VRS Network

John Dudley - Stoeger 12 Gauge Pistol Grip



# SCSPLS and SAMSOG JOINT SURVEYORS' CONVENTION

## CONGRATULATIONS TO SCSPLS PLAT CONTEST WINNERS!

**Subdivision** 1st Place - Keith A. Wilson, PLS  
2nd Place - Philip T. Hornbeck

**Boundary/Cadastral**  
1st Place - Keith A. Wilson, PLS  
2nd Place - F. Elliotte Quinn, III, Thomas & Hutton

**Topographical**  
1st Place - Phillip P. Gerard, PLS, Thomas & Hutton

**ALTA/ACSM**  
1st Place - Philip T. Hornbeck  
2nd Place - Sal J. Chaves, Thomas & Hutton

**Miscellaneous**  
1st Place - Philip T. Hornbeck  
2nd Place - Garren B. Mullinax, PLS, Glenn Associates Surveying, Inc.



Plat Contest Winners Pictured: Garren B. Mullinax, F. Elliotte Quinn, III, Keith A. Wilson, Philip T. Hornbeck

## THANK YOU MID-STATE CHAPTER FOR ORGANIZING THE SURVEY GAMES!

Thanks to the Mid-State Chapter, especially Brian Bonds, Billy Martin and Chris Bass, for organizing this year's survey games!



### Survey Game Winners:

*Distance Guess* - Greg Jenness, SC; Mark Russell, GA  
*Elevation Difference Guess* - Ashley Johns, SC  
*Extend a Line* - Garren Jenness, SC; Senn Chord, GA  
*Windmill 90* - Larry Beasley, SC; Teeple Hill, GA  
*Direction Guess* - Lewis Moore, SC; Mark Russell, GA  
*Pacing* - Mike Johnson, SC; T. J. Hill, GA  
*Flagging Toss Accuracy* - Robin Bessent, SC; T. J. Hill, GA



Greg Jenness, Midlands Chapter Representative



## Congratulations to the Midlands Chapter for taking home the Survey Games Trophy for 2013!





# **THANK YOU COASTAL CHAPTER FOR ORGANIZING & SPONSORING THE FROGMORE STEW COOK-OFF DURING THE GAMES!**



Mike Johnson, William Weathers – Winners of Frogmore Stew Cook-Off



Curtis Lybrand, Coastal Chapter Rep., and cook-off judges: Stephen Harman from The Coastal Cupboard, Drew Taylor from The Long Point Grill and Chris Grimes from Local Seafood





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- Geographic Information System analysis
- Hydrographic surveying
- Mine surveying
- Forensic surveying
- Geodetic surveying
- Photogrammetry
- Land development
- Cartography



In addition, it provides a good foundation for graduate study in the following fields:

- Engineering
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- Urban and Regional Planning
- GIS
- Geodesy
- Cartography

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### Want to know more?

About the surveying profession:

- [www.surveyingcareer.com](http://www.surveyingcareer.com)
- [info@surveyingcareer.com](mailto:info@surveyingcareer.com)

About East Tennessee State University:

- [www.etsu.edu](http://www.etsu.edu)
- [gotoetsu@etsu.edu](mailto:gotoetsu@etsu.edu)

About ETSU's Surveying and Mapping degree program:

- [www.etsu.edu/scitech/entc/sams.htm#](http://www.etsu.edu/scitech/entc/sams.htm#)
- Jerry D. Taylor, program coordinator:  
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