2016 CALENDAR OF EVENTS


2016 VAS Board of Directors’ Meetings:

Spring 2016, Central Chapter Hosts, April 15-16
Summer 2016 – Monticello Chapter Hosts, June 23-24
Fall 2016 – Southern Chapter Hosts, September 15-17
Convention 2017 – Ed Dodd, Committee Chair

MOVING?
NEW TELEPHONE NUMBER, ADDRESS, OR E-MAIL?
Please sure and let us know!
Virginia Association of Surveyors, Inc., 1856 Old Reston Avenue, Suite 205, Reston, VA 20190
http://www.vasurveyors.org

Navigating a Changing Shoreline
January 21-23, 2016
68th Annual VAS Convention - Norfolk, Virginia

THIS ISSUE: 2016 VAS Convention Highlights
2016 VAS Slate of Officers
The Affiliates’ Corner
Vol. 51, No. 3 November - December 2015
2016 Convention Overview
Michael Starling, VAS Convention Chair

Over the past 20-25 years, the VAS Annual Convention has typically been located near the residence of the incoming President. Unfortunately, there are not any facilities near my home, on the Eastern Shore of Virginia that are large enough to host our convention. I would have loved to have been able to show all of you the beautiful area in which I live and work, but instead, the 2016 convention will be held at the Norfolk Waterside Marriott, January 21-24. Since I cannot bring the convention to the Shore, I will bring elements of the convention to the shore.

With the economy starting to turn back in a positive direction and receiving a great room rate from the Marriott, we have decided to expand the convention back out a bit. Chip Richardson has put together another great lineup of seminar speakers for your educational credits. We are expecting the Exhibit Hall to be filled of vendors showing the newest equipment with the latest technology. This year’s Friday night dinner will be a formal affair. Lieutenant Governor Ralph Northam, an Eastern Shore native, will be our guest speaker. We have a Murder Mystery group coming in on Friday night. At some point during dinner, someone in the room will be “murdered”. Everyone left will be deputized to try to solve the murder. Motives will be revealed, clues will be found, and suspects will be questioned. Can you solve the crime? Prizes will be awarded for our top Columbuses. After the dust settles and the blood has been cleaned up, we will be entertained by the band, Vinyl Headlights.

Saturday is packed full of events, beginning with a free, two-hour seminar on risk management, hosted by Beverly Kierman of Inigo Group. The Exhibit Hall will be open all morning. Door prizes will be given out in the Exhibit Hall on Saturday morning. You can win if you’re not there. At noon, we will see the return of the Awards Luncheon, followed by the Annual General Membership meeting in the afternoon. Following the meeting, you’ll have the choice of attending a Norfolk Admirals hockey game with a group of VAS members, or just hang out at the Marriott in the Hospitality Suite. On Sunday morning we will wrap up the weekend with a farewell breakfast.

An exciting Spouses’ Program has been set up to keep the ladies (and any gentlemen that may want to get away) entertained. Thursday’s program will begin with lunch at the Waterman’s Surfside Grill on Atlantic Avenue followed by a visit to the Virginia Aquarium & Marine Science Center.

The plot could be open to everyone, or shut off to Behind the Counter, click here for more details. Up to six stalls can be submitted for only $40. Show your pride in your work and submit some stalls. Maybe you’ll take some hardware home from the Awards Luncheon.

I look forward to seeing everyone in Norfolk. If you haven’t been to the convention and the Annual Meeting in a while, or, if you’ve never been, this is a great year to check it out. You owe it to yourself, and the profession.

Silent Auction

Participate in the VAS Silent Auctions! Donations are being accepted now. Simply bring a description, starting bid, and the item to the convention. Beth Starling will be onsite to accept your donations. If you’d prefer to drop your items off early, please contact Mike Starling at (757) 789-3960 to make arrangements. The Silent Auction will be held on Friday 6:00 a.m. to 7:00 p.m.

Be sure to stay up-to-date on all the wonderful items up for auction. We will also be monitoring the VAS Facebook page frequently for photos and descriptions of various auction items.

Proceeds from the auction go to support the VAS Educational Trust. The Trust awards scholarships and grants annually.
Affiliates’ Corner...
Updates from Duncan-Parnell and Trimble
Grant Stickler, Geomatics Representative, Duncan-Parnell

Duncan-Parnell has been serving the Virginia survey market since acquiring Earth Vector Systems in 2012. Duncan-Parnell was founded in 1946 and has fourteen offices in Virginia, North Carolina, South Carolina, and Georgia. Our newest office is located in Ashland, Virginia. The Ashland office contains a supply showroom, warehouse, training room, and optical repair facility. In addition to selling Trimble, Duncan-Parnell also offers Autodesk products, Wide Format printing and products, and 3D printing and products. Here are some recent updates from Duncan-Parnell and Trimble.

Support: SuccessCenter

Duncan-Parnell’s new SuccessCenter is an online support and training solution available anytime, anywhere. SuccessCenter contains videos that can be viewed on either a PC or mobile device and documents that can be downloaded and its content is available for Duncan-Parnell customers.

Visit: http://duncan-parnell.com/successcenter/
Contact our Training Manager Mark White, PLS to obtain your personal login – mark.white@duncan-parnell.com

Knowledge: Resources for UAS/Drone Technology

As unmanned Aircraft Systems/Drone technology takes off, Duncan-Parnell is seeing an increased need from our customers for information about UAS/Drone systems and what it takes to legally fly them for commercial purposes. Here are a couple of great resources:

- The NCDOT UAS site is full of useful information regarding Unmanned Aircraft Systems, including links to North Carolina laws and FAA guidelines. http://www.ncdot.gov/aviation/uas/

Connect: Introducing the All-New Trimble Community—Your Place to Connect, Learn and Communicate

Ask a question... find a resource. We’re excited to announce the launch of Trimble’s new Community, a place where everyone can ask questions of peers and Trimble experts, engage in conversations and explore Trimble’s entire knowledge base of information. It will give you unfettered access to Trimble right at the tip of your fingers, in the field or in the office.

The Trimble Community includes:

- Forums – Have a question on the newest features in Trimble Business Center? Forums is a place for customers to ask questions and start discussions related to Trimble Geospatial products and services with peers and Trimble experts.
- Solutions – Missed the most recent webinar or looking for the datasheet for the new Trimble S9, Total Station? Find that and more in Solutions, a true knowledge base of information including datasheets, whitepapers, and webinar recordings.
- Badges & Points – Want to show how much you know about Trimble? Earn points and badges in the community for engaging in discussions, answering questions, or just searching for information. Any badge you earn can be displayed in your profile for all to see.

Join today at: https://community.trimble.com/welcome

Take Your Pick!

From October 1 through December 31, 2015, you can get one of these two RTK Rover packages at a special low price:

- Spectra Precision SP60 GNSS Receiver with Nomad 900 Controller and Survey Pro GNSS software
- Trimble R2 GNSS Receiver with Stake Controller and Trimble Access software

See reverse side for details.

Special Year-End Savings on Trimble & Spectra Precision RTK Rover Packages

Choose from Two Packages – Sale Ends Dec. 31, 2015

Option 1: Trimble R2 Package
- Trimble R2 RTK Receiver
- GNSS NA/EA
- Trimble Stake Controller with Trimble Access Software
- 2 Meter CF Rod, Clamp & Clow
- KeyNetGPS RTK GNSS, 1 year, VA

Option 2: Spectra Precision SP60 Package
- Spectra Precision SP60 1/12 GNSS Single Receiver
- 5PN Nomad 900 Controller with Survey Pro GNSS Software
- 2 Meter CF Rod, Clamp & Clow
- KeyNetGPS RTK GNSS, 1 year, VA

Special Package Prices: $12,995  Special Package Price: $10,995

Contact Grant Stickler: 434-962-3909 • grant.stickler@duncan-parnell.com

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NOVEMBER - DECEMBER 2015 THE OLD DOMINION SURVEYOR | 5
Planning
John Palatiello, VAS Executive Director

At the September meeting of the VAS Board of Directors there was a constructive and spirited discussion on the future of surveying. It touched upon the definition of surveying, the aging surveying population, efforts to attract and recruit the next generation of surveyors into the profession, the status of surveying education programs, and education requirements in licensing legislation.

This discussion focused on Virginia, but it had national implications. A similar discussion took place at the National Society of Professional Surveyors (NSPS) and in other state surveying societies. The National Council of Examiners for Engineering and Surveying (NCEES), which is comprised of members of state licensing boards, has created a task force to evaluate the current state of the surveying profession to mitigate the low number of candidates seeking licensure as professional surveyors and better market the value of a career in the surveying profession.

I have had the pleasure of engaging in similar conversations with several VAS members, including past presidents and members at large. While there are different opinions on how to address this challenge, the concern for the future of surveying is almost universal. It is gratifying that surveyors are giving so much thought to the future of their profession.

To address this and other issues, VAS will soon embark upon a strategic planning process. I am pleased that the Board of Directors has asked me to facilitate that process. Having done so for NSPS, MAPS, the New Jersey Society of Professional Land Surveyors (NJSLPS) and other organizations, I welcome this opportunity to help guide the VAS effort.

This process will examine both the surveying profession in Virginia and VAS. It will include a SWOT (strengths, weaknesses, opportunities and threats) facing the profession and the association.

There will be ample opportunity for individual members of VAS to provide input, comment and contributions to the plan. Such engagement and investment from the membership is essential to the success of the process.

There are a number of quotes that capture the importance of such a planning process. My favorites include:

• "Planning is bringing the future into the present so that you can do something about it now" - Peter Drucker
• "He who fails to plan, plans to fail" - Chinese Proverb
• "Plan for the future, for that is where you will spend the rest of your life" - Benjamin Franklin

The process will look at VAS programs and activities, including membership, dues, finances, programs, chapters, legislation, education, bylaws, marketing, growing, conference, as well as external issues, such as standards, ethics, business climate, and professional status.

This effort is not being conducted in isolation. At its September meeting, the VAS Board took positive and decisive steps to improve the association. President Dave Gandy outlined those actions in a recent letter to the membership. Along with designing a new logo, upgrading the VAS website, and modernizing The Old Dominion Surveyor, the strategic plan is part of a larger effort intended to bring more value membership in VAS as well as enhance the image of surveyors and their association.

Surveying has a proud history, but an uncertain future. It is an attractive and personally rewarding career that can be financially lucrative, forward-looking, one that embraces science and computer technology, solving problems and mathematics. Moreover, surveyors contribute enormous benefits to their clients and society, such as environmental protection, economic growth, preservation of property rights, and collect data for good decision-making of public health, welfare and safety. But that is a story that is all too infrequently told to the public.

The strategic plan and other improvements will enable VAS to tell this story more effectively. I look forward to working with the membership in these efforts and urge every VAS member to take part in these activities.

I welcome the opportunity to discuss these efforts with all the members at our Annual Conference in Norfolk, January 21-23. I hope to see you there.

VAS Plat Contest
The Annual Plat Contest will be held during the 66th Annual Convention and Meeting, January 21-23, 2016. The categories are the same as the 2016 NSPS Map Design Contest Guidelines.

Entries may be machine or hand-drafted and have a maximum plot size of 24" x 36". While each submission must be a single entry, a student from Pennsylvania State University may participate in a group of up to a maximum of 3. Maps or plots completed after June 30, 2014 are eligible for entry. All entries will be judged on adherence to the minimum standards as set by NSPS and VAS. The judges will consider interpretability, content and layout of data shown, presentation, innovation, coloration, typographical error or persons using this type of plot, and correctness. Neatness and accuracy of scale will also be considered. All plots must be signed and sealed with a label stating "FOR PLAT CONTEST USE ONLY". Each plot must also be labeled with the name of the category in which it is being submitted. Contest winners will be announced at the Awards Luncheon on January 22.

Plat Categories:
- Subdivision Plats
- Topographical Maps
- ALTVACSM Survey Maps
- Miscellaneous Maps
- Boundary/Cadastral Maps

The first and second place winners in each category can also be entered in the 2016 NSPS Map Plt. Contest. First and Second place prizes will be awarded for each category. Mail your entries to: Virginia Society of Professional Land Surveyors, P.O. Box 205, Reston, Virginia 20190.

Your entries for each firm or branch office must be received along with a check for $40 (for one to six plats) by January 17, 2016. Please make checks payable to Virginia Association of Surveyors, Inc. 

2016 Convention Technical Sessions
Chip Richardson, Education Committee Chairman

We feel that the Education Committee has put together an another strong slate of education opportunities for the VAS membership. The convention is being held at the Norfolk Waterside Marriott where the venue and room setups will be excellent. The hotel's location very convenient to several restaurants and there is plenty of parking in adjacent hotel for day-travelers.

The first official session of the Plt. Kick-off Thursday on Thursday morning, January 21st with a four-hour long class on Unmanned Systems (UAV'S) and the laws and regulations that apply to their use. The class is being taught by Kevin Pomfret, an attorney with the nationally known law firm of Williams & Lucas. Kevin has a deep understanding of the technologies and markets of a broad range of geospatial industries, including UAVs, satellites, indoor location, GIS, LIDAR and spatial data infrastructures. He has also helped to develop image collection strategies and identified requirements for future collection systems and analytical tools. Kevin is unique in that he began his career in satellite analysis and before he attended law school.

On Thursday afternoon, David Bowers, PLS with Duncan-Parnell will host a four-hour session regarding ground and aerial image processing and setting control for imaging. Mr. Bowers is a registered licensed Land Surveyor in the state of North Carolina with over 18 years of Construction and Land Surveying experience in commercial, residential, and highway projects for the states of North Carolina, New Jersey, California, and Florida. He is a graduate from Pennsylvania State University with a degree in Surveying. Mr. Bowers has worked with GNSS, Robotic and Laser Guided Automated Machine Guidance Systems, as well as Survey grade layout systems. Currently, he is an Application Specialist at Duncan Parnell. His role is to provide technical support and training of GNSS, Robotic and Conventional Surveying hardware and software.

On Friday, January 22nd, we will have two all-day sessions to choose from. Jeff Lucas, PLS, Esq. returns to present a seminar on Survey Evidence and Procedures. Jeff is known nationally for his spirited presentations that keep everyone involved, engaged, and enjoying the topic being discussed. Jeff is President of Lucas & Company, LLC, based in Birmingham, Alabama. He is a licensed land surveyor in five states and a practicing attorney in Alabama. From Jeff’s own description of the seminar, “There is a line of thinking within and without the surveying community that goes something like this: The surveyor’s only role is to deal with the facts as contained in the client’s deed; all other issues with regard to boundaries can only be determined by a court of competent jurisdiction. The objection is that if the client is a surveyor, then clearly the case, society does not need land surveyors. Boundary determinations boil down to two questions: A question of law and a question of fact. The question of what is a boundary line is a matter of law, but the question of where a boundary line, or a corner, is actually located is a question of fact,” Walleigh v. Emsey, (Pa.Super.Court. 1960). This seminar will explore both of these questions, as well as the topics of evidence and procedures for the determination of a well-reasoned opinion on boundaries. State specific law will be incorporated into this seminar in the process of answering these and many other questions. The after eight-hour session on Friday is entitled “Succeeding in the NFIP.” This session is being presented by Wendy Latroop, a renowned licensed land surveyor, writer, and speaker from Bala Cynwyd, Pennsylvania. Wendy currently sits on the Technical Advisory Committee for FEMA. Per Wendy, the seminar will cover "How do elevations and regulations interact in the National Flood Insurance Program (NFIP)?" Understanding that relationship guides our work, whether we are rating policy, design projects, or applications to update flood mapping. We will examine the Elevation Certificate in light of the NFIP regulations related to the various purposes of that form and review some of the technical guidance that is available to better fulfill those purposes, we will also review Letters of Map Amendment and Letters of Map Revision Based on Fill to assure that our applications will be successful.

I hope to see many of our association’s members, non-members, and friends for this exciting seminar slate at the upcoming convention in Norfolk this January.

Dave Gandy, President

VAS LOGO
A graphic artist has been engaged to design a new VAS logo that will bring a more modern, professional, and reflective of state-of-the-art practice in surveying.

The Old Dominion Surveyor
We will work towards producing The Old Dominion Surveyor as a new digital format, as well as a traditional membership directory with a search and profile feature.

VAS Five-Year Strategic Plan
We will soon begin a Strategic Planning process to set future goals and objectives to guide the VAS and to enhance the public and professional status and image of the surveying profession in Virginia.

You will be kept informed of these improvements as they are implemented, and there will be opportunities for you to provide input on a number of these changes. The ability of VAS to engage and communicate with the membership will be enhanced through these plans, and your views and contributions will be a welcome part of the process.

I am privileged to serve as your VAS President this year, and work with the dedicated group of surveyors who make up our Board of Directors and the Technical Advisory Committee, and for their support and commitment to the association and our profession.

You will see a number of improvements at the Annual Conference, January 21-23 in Norfolk, and I hope to see you there. In the meantime, my best wishes.
2016 Convention Sponsorship Benefits

Sponsorship benefits include the following:

James Sponsorship includes:
- Company logo and link on conference website
- Company logo and link in all correspondence promoting the conference
- Signage at conference with acknowledgement of sponsorship
- Acknowledgement of sponsorship in conference program
- Opportunity to provide giveaways to all conference participants at registration

York Sponsorship Includes:
- Company logo and link on conference website
- Company logo and link in all correspondence promoting the conference
- Signage at conference with acknowledgement of sponsorship
- Acknowledgement of sponsorship in conference program
- Opportunity to provide giveaways to all conference participants at registration

Rappahannock Sponsorship Includes:
- Company logo and link on conference website
- Company logo and link in all correspondence promoting the conference
- Signage at event with acknowledgement of sponsorship
- Acknowledgement of sponsorship in conference program

Potomac Sponsorship Includes:
- Company logo and link on conference website
- Company logo and link in all correspondence promoting the conference
- Signage at event with acknowledgement of sponsorship
- Acknowledgement of sponsorship in conference program

Occoquan Sponsorship Includes:
- Company logo and link on conference website
- Company logo and link in all correspondence promoting the conference
- Signage at event with acknowledgement of sponsorship
- Firm provides the lanyards or tote bags with their logo for distribution at registration by VAS

Contributor Sponsorship Includes:
- Company logo and link on conference website
- Company logo and link in all correspondence promoting the conference
- Acknowledgement of sponsorship in conference program

Sponsorship Opportunities:
- James – Overall Conference Sponsor ($1,500)
- York – Sponsor of Banquet ($1,000)
- Rappahannock – Sponsor of Thursday Breakfast (Thursday) ($750)
- Rappahannock – Sponsor of President's Reception (Thursday) ($750)
- Rappahannock – Sponsor of Friday Breakfast (Friday) ($750)
- Rappahannock – Sponsor of Awards Luncheon (Saturday) ($750)
- Rappahannock – Sponsor of Farewell Breakfast (Sunday) ($750)
- Potomac – Tech Session I & II (Thursday) ($500)
- Potomac – Teach Session III & IV (Friday) ($500)
- Occoquan – Lanyards (firm provides) ($250)
- Occoquan – Tote Bags (firm provides) ($250)
- Conference Contributor ($150)

Sponsorships are optional. Purchasing an exhibit booth does not obligate an exhibitor to purchase a sponsorship or a sponsor to purchase an exhibit booth.

To be a sponsor, contact Sally at the VAS office 844-414-1466 or email sally@vasurveyors.org.
Please send a current company logo of at least 300 dpi to Beth at beth@vasurveyors.org.

Hotel Information

68th Annual VAS General Membership Meeting and Convention
Navigating a Changing Shoreline
January 21-23, 2016
Norfolk Waterside Marriott
235 East Main Street
Norfolk, VA 23510

Mention you are part of the 2016 VAS Annual Convention to receive the special reduced rate of $89 a night. Call 757-627-4200 to make your reservations or see www.vasurveyors.org for information on how to book your rooms online.

PARKING
VAS Annual Convention registrants receive a special rate of $12 a day. You must park at the Main Street Garage on the north side of the Marriott to receive this rate.

2016 Convention Exhibitor Information

Contact Sally Palieri at sally@vasurveyors.org or 844-414-1466 with any questions or problems.

EXHIBIT HALL HOURS
Location: Marriott I-IV
Set up - Thursday 9AM-5PM
Breakdown - Saturday 11:30AM-1PM
Exhibit Hall Open:
Friday 8AM-5PM
Saturday 8AM-11:30 AM

INCLUDED IN BOOTH FEE
All Exhibits are Affiliate members of the Virginia Association of Surveyors. The Non Member exhibitor registration includes the membership fee for becoming an Affiliate member. 10' x 8' booth includes one 6ft table and two chairs, breakfast and lunch Thursday and Friday, and the President's Reception on Thursday from 6PM to 7:30 PM. You must request additional chairs ahead of the conference. Electrical power and hard-wired Internet are available at additional cost and can be requested at the time of booth purchase. Exhibit Hall has complimentary wireless Internet. Power strips and extension cords are included in the power package. Company supplied banners can be hung from the exhibit tables.

LOAD IN/LOAD OUT
This is only permitted at the loading dock located off Atlantic Avenue. Marlin's Lane loading bay may be utilized for exhibits taking place in the Norfolk Ballroom. The Hotel Lobby is restricted.

PARKING
Trucks and containers may be parked temporarily at the dock entrance and must be removed as soon as they are emptied. Under no circumstances can they be left on property overnight.

SHIPPING/RECEIVING
Should items be shipped to the Norfolk Waterside Marriott for your event they can arrive as early as 3 days prior to the event. Please mark all packages for your event as follows:
NAME:
EVENT NAME/BOOTH #: EVENT DATE:
235 E. Main Street, Norfolk, VA 23510
All items that need to be shipped after the event must have a pre-paid shipping label. It is also the exhibitor's responsibility to schedule for package pick-up.

SECURITY
The Norfolk Waterside Marriott will not assume responsibility for any damage or loss of any property, merchandise or articles brought to the event. Arrangements may be made through your Event Services Manager for Security of Exhibits space.

Exhibiting is optional. Purchasing an exhibit booth does not obligate an exhibitor to purchase a sponsorship. Exhibitors may distribute any company promotional item they wish.

Please send a current company logo of at least 300 dpi to Beth at beth@vasurveyors.org.
For additional questions, please contact affiliate chair Beverly Kiernan.
757-581-4389
2016 Preliminary Convention Program Schedule

Wednesday — January 20, 2016
• 8pm – 11pm Hospitality Suite (Room 418)

Thursday — January 21, 2016
• 8am-5pm Conference Registration (Marriott Ballroom Foyer)
• 8am – 12pm Tech Session I “Unmanned Systems” (Marriott V-VII)
  Kevin Pomeroy, Esq., Williams Mullen
• 9am – 5pm Exhibitor Setup (Marriott I-IV)
• 12pm – 1pm Lunch
• 1pm – 5pm Tech Session II “Aerial Topography & UAV’s” (Marriott V-VII)
  David Bowers, PLLC, Duncan-Petrelli
• 1pm – 5pm Board of Directors Meeting (James I-III)
• 1pm – 5pm Spouses Program
  Lunch at Freemason Abbey
  Mermaid Factory
• 6pm – 7:30pm President’s Reception (Plaza Lounge)
• 7:30pm – 12am Hospitality Suite (Room 418)
• 7:30pm – 9:00pm Out-of-State Guests’ Dinner (Shulas 347)

Friday — January 22, 2016
• 8am-5pm Conference Registration (Marriott Ballroom Foyer)
• 8am – 5pm Tech Session III “Survey Evidence & Procedure” (Marriott V-VII)
  Jeffrey N. Lucas, PLLC, Esq., Lucas & Company, LLC
• 8am – 5pm Tech Session IV “Succeeding in the NFIP” (Chesapeake I-IV)
  Wendy Lathrop, PLLC, CFM, Credal Consulting, Inc.
• 9am – 5pm Exhibit Hall (Marriott I-IV)
• 11am – 11:30am Affiliates Meeting (Marriott I-IV)
• 12pm – 1:30pm Foundation Meeting & Luncheon (James I-III)
• 12pm – 4pm Spouses Program
  Lunch at Waterman’s Surfside Grill
  Virginia Aquarium & Marine Science Center
  6pm – 7pm Social Hour (Hampton Roads I-IV)
  7pm – 12am Banquet (Hampton Roads I-IV) (Black tie optional)
  Guest Speaker — Lieutenant Governor Ralph Northam
  Entertainment — Maverick Murder Mystery & Music by Vinyl Headlights

Saturday — January 23, 2016
• 8am – 11:30am Conference Registration (Marriott Ballroom Foyer)
• 8am – 10am Tech Session V “Risk Management” (Marriott V-VII)
  Beverly Klerman, Inko Insurance Group
• 9am – 11:30am Exhibit Hall (Marriott I-IV)
• 9am – 9:30am Incoming Chapter Presidents’ Meeting (James I-III)
• 12pm – 1:30pm Awards Luncheon (Hampton Roads I-IV) (Business casual)
• 1:45 – 5:30pm General Membership Meeting (Chesapeake I-III)
• 7pm – 10pm Admirals Hockey Game (Norfolk Scope)
  (Transportation on your own. Scope is within walking distance of the hotel. 3 blocks. Puck drops at 7:35 pm. Parking available at Scope for $5 per car)
• 8pm – 12am Hospitality Suite (Room 418)

Sunday — January 24, 2016
• 8am – 10am Farewell Breakfast (Franklin / Shangri-La/Yorktown)

CE hours are per the advertised session length.

68th Annual VAS General Membership Meeting and Convention
Return to: Virginia Association of Surveyors, 1906 Old Reston Avenue, Suite 208, Reston, VA 20190
Email: margaret@vasurveyors.org, Register Online: www.vasurveyors.org, Fax: 844-678-4973

Name

Address

City/State

Zip Code

Email

Phone #

Spouse/Guest

One Person Plus Spouse/Guest Per Registration Form. Please fill out new form for additional attendees. If purchasing discount package, circle sessions you plan to attend.

Thursday, January 21, 2016
Tech Session I “Unmanned Systems” (8 AM – 12 PM)
$135

Tech Session II “Aerial Topography & UAV’s” (1 PM – 5 PM)
$135

Tech Sessions I and II (All day)
$250

Friday, January 22, 2016 (Choose One)
Tech Session III “Survey Evidence & Procedure (All day)
$250

Tech Session IV “Succeeding in the NFIP (All day)
$250

Saturday, January 23, 2016
Tech Session V “Risk Management”
Free

Limited to the first 100. Please check box if planning to attend (8 AM – 10 AM)

Individual Tickets

Presidents Reception (Thursday 5PM – 7 PM)
$25

Banquet (Friday 7:30 PM)
$50

Awards Luncheon (Saturday 12PM – 1:30PM)
$35

Football Breakfast Sunday 8AM – 10AM
$15

Admirals Hockey Game (Saturday 7PM – 10PM) (Not included in discount packages)
$15

Discount Packages Includes Individual Tickets

Atlantic – Full registration including spouse/guest for all events & spouse/guest program
$740

Chesapeake – Full registration including spouse/guest for all events
$675

Chesapeake – Full registration including spouse/guest for all events
$560

Chesapeake – Full registration Friday & Saturday including spouse/guest for all events & spouse/guest program, No Thursday events included.
$450

Chesapeake – Full registration Friday & Saturday including spouse/guest for all events, No Thursday events included.
$405

Cape Charles – Full registration Friday & Saturday for all events.
$315

Please add late fee of $25.00 after January 6, 2016

Dietary Restrictions for Registrant

Dietary Restrictions for Spouse/Guest

Check enclosed payable to VAS

First Name/Nickname for Name Badge of Registrant

First Name/Nickname for Name Badge of Spouse/Guest

Name on Card

V-Code

Exp. Date

Account Number

City

State

Zip

Billing Address for Card
President

Michael Starling (Tidewater Chapter)

Michael Starling is the owner of Shoreline Surveyors, located in Accomac, Virginia. Michael began surveying in 1988. He received his license in 2002 and named Shoreline Surveyors in 2005. Michael has been a member of Virginia Association of Surveyors since 2003, serving on the Tidewater Chapter Board from 2005 – 2014. Michael is currently the Chapter’s TIGR Star Coordinator, a position he has held since 2005. Michael is currently the Virginia Association of Surveyors’ First Vice President as well as the Chair of the History Committee. Michael has been married to his wife, Beth, for 20 years and they have one daughter, Valerie (13). The Starling family resides in Onancock, Virginia. In his spare time, Michael enjoys bowling and assisting the Eastern Shore ESO Futsal Center where Valerie takes classes, with both backgammon, both backgammon, both backgammon.

First Vice President

Edwin J. Dodd, Jr. (Bull Run Chapter)

Ed Dodd has worked over 30 years in the field of Land Surveying in the Northern Virginia Region and became licensed in 2000. He has an AAS degree in Civil Engineering from NVCC and has attended Old Dominion University studying Boundary Law, Building Construction, and Environmental Science and studied at the Virginia School of Engineering at George Mason University. During his career, Ed has received accolades for his outstanding performance and efficiency in the production and management of multiple, concurrent commercial and residential projects. Ed has been a member of the Virginia Association of Land Surveyors since 2002 and has served as President of the Bull Run Chapter and current on the Board of Directors as 2nd Vice President. This year Ed celebrates his 13th year anniversary as President and Owner of Dodd & Associates in Warrenton, Virginia. He resides in Culpeper, Virginia with his wife, Tracy and three children. Ed enjoys playing golf and leading the praise and worship team at his church.

Second Vice President

Kevin D. Shreiner (Shenandoah Chapter)

Kevin is the Survey Manager for the Washington Metro Region at Triad Engineering, Inc. He has been in the surveying and engineering business for 30 years. Kevin was licensed in 2006, but has been a member of VAS since 2001. He obtained his CMM certification in 2007, and is also licensed as a professional land surveyor in West Virginia. He is the current 2022 Secretary Treasurer for VAS, and is active in the Shenandoah Chapter. In addition, Kevin is an instructor at the John Fossey School for five years teaching building land surveyors preparing for the FS exam. He is also an active member of NVBIA, ASPIM, and TVBIA. Kevin is a proud graduate of the five-year surveyor’s apprenticeship program. He grew up in Chambensburg, Pennsylvania and moved to Virginia in 1984 taking a job at PHIRMA doing hand drafting on mylar. Kevin currently resides in Winchester, Virginia with his wife of 20 years, Debbie.

Secretary/Treasurer

Gary M. Faulhaber (Mount Vernon Chapter)

Gary is currently Senior Surveyor with Wilde Mensech Corporation in Reston, Virginia. Mr. Faulhaber graduated from the State University of New York in 2006. He received an AAS degree in Surveying Technology. He has 30 years of Land Surveying experience with a forte in managing surveying tasks for high-profile infrastructure projects. Gary has been licensed in Virginia and a member of VAS since 2000 having served as Director-at-Large for the Mount Vernon Chapter from 2008 to 2012. Gary recently became a voting member of the Virginia Surveyors Foundation in 2014 and is honored to be a "debtor to his profession". In addition to his Virginia licensure, Gary has been licensed in the District of Columbia since 2002 and was the Founding Secretary (2001) and 3rd President (2003) of the District of Columbia Association of Land Surveyors (DCALS). Mr. Faulhaber just became (November 2015) the newest and 22nd Registered Surveyor for the Office of the Surveyor for the District of Columbia, approving and permitting him to prepare and certify Surveys to be recorded among their records. Gary is an accomplished musician and has served on his Church’s Worship Team as a keyboardist and vocalist. Gary enjoys spending quality time with his wife, Julie and playing with their awesome seven-year-old, Noah. The Faulhaber family resides in Dulles, Virginia.

Region II Director

Alison W. Hanson (Central Chapter)

Alison has enjoyed her career of over 30 years in the profession of land surveying and is a proud graduate of Old Dominion University’s Civil Engineering Technology program. Ms. Hanson became registered as a Professional Land Surveyor in 2004. She co-founded H & B Surveying and Mapping, LLC in 2009 which is headquartered in Richmond, Virginia and currently acts as its President. She has been a member of the Virginia Association of Surveyors since 2004 and has served the Association at the state and local levels. She has served the Central Chapter Board, holding all officer positions, and is currently the Public Relations Committee Chair. She also serves the State Board as an Assistant to the Educational Committee Chair. She resides in Prince George County, Virginia where she and her family enjoy their spare time at the beach and traveling.

NSPS Governor

David Holland (Central Chapter)

David L. Holland, LS is the County Surveyor for Henrico County, Virginia and a licensed surveyor in the Commonwealth of Virginia. He holds a degree in Journalism from the University of Memphis and a degree in Surveying and Mapping from the Denver Institute of Technology. David is a Past President of the Virginia Association of Surveyors. He is a member of the advisory board for the School of Engineering and Technology at J. Sargeant Reynolds Community College in Richmond. David and his wife, Shelly live in western Henrico County outside of Richmond.
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Cultural Growth in Surveying
Steve Douty, LS

In 1947, I was born in Confederate General Stonewall Jackson's kitchen; 21 years later I began my career in surveying. For the mathematically challenged, that means I have lived 68 years, 47 years of which I have been active at the state and national level of surveying. And in all those years, I have never met a licensed surveyor of African-American descent.

To be accurate, I was born in what had once been a kitchen; by then the building had been remodeled for use as a hospital. Time has marched on, and now the building has been restored to its original condition of the Civil War era and has been designated as a National Historic Monument. That elevated status had nothing to do with my birth; it, however, had everything to do with the great sense of history and "Southern Pride" that has pervaded Virginia, and parts further South, for more than a century. I was literally born into the heritage of Southern pride. This makes me keenly aware of the depth of passion surrounding those beliefs of the "Southern Heritage", and equally sensitive to the recent media wilfulness surrounding the cultural clash of "Heritage versus Race".

I mention this not further to articulate the arguments that have been highlighted in the news and social media. Instead, I bring it up because I think our profession is in a very real way a microcosm of the core issues behind the recent fervent debate reignited over the display of the Confederate flag.

In my heart, I am convinced we as a profession do not discriminate against any group. I have never encountered evidence that any individual, business, or professional society associated with the profession of surveying discriminates against anybody on any basis, whether it be race, sex, religion, or social status. However, the racial, ethnic, and gender mix of licensed surveyors remains largely monochromatic. Is this function of some hidden bias within our profession, or even a reflection of longstanding traditions that inadvertently restricts entry into the field? Is there some other explanation? I don't have any answers, but I am convinced we as a profession need to begin an open and thoughtful discussion of the situation.

The profession of surveying does not stand aloof from society, and is equally not immune to the ills and troubles of that society. For example, in recent years surveyors nationwide have been wrestling with the changes brought on by technology and within the legal system. Likewise, but sadly all but ignored within our profession, the demographic and cultural upheaval going on in our society is also affecting the world of surveying. I believe that if we are to preserve the profession that we love, and pass on its values and high standing to future generations, then we must honestly and fearlessly look at ourselves and decide how we must adapt to society, and how we want to look in the future.

There is an old truism that says "When you're green you grow; when you're ripe you rot". It's time to get out of the kitchen and join the society we live and work in!

— Steve has been a member of the Virginia Association of Surveyors since 1975.

How Virginia’s Unique Land Surveying Definitions Came About - Part II
Merlin F. McLaughlin, Licensed Land Surveyor #575 & #17

DPOR agreed to publish this latest language in a draft substitute bill, which became filed as House Bill 666. In HB666, the 3(a) definition was essentially a continuation of the same 1938 definition for land surveying, however tweaked to now define a "land surveyor" instead of the practice of "land surveying" (the prior-existing words in the brackets were deleted, and the undefined words were added), as follows: 3(a) "Land Surveying" refers only to "Land surveyors" shall be deemed to cover only surveys for the establishment of land boundaries and the subdivision of land and such topographic work as may be incidental thereto, the making of plans and maps and the preparing of descriptions of the land as surveyed or investigated. This proposed 3(a) definition in HB666 was very unsatisfactory to us, even though HB666 now had a 3(b) version to which VAS leadership had agreed.

Subsection 3(b) of this substitute bill, as was crafted and agreed to on February 10 by the group of 5 identified above, and then endorsed by VAS and the Virginia Section of ASCE, at that stage stated as follows: 3(b) "Land surveyor-substitute" shall be understood to do such work as may be done by a land surveyor and, in addition thereto for subdivisions, by prepare plans and profiles for roads, streets, drainage, and utility sewer extensions, where such work involves the use and application of engineering standards prescribed by local or state authorities. Nothing herein shall be construed to include engineering design work or the provision of specifications for construction.

It had been intended that HB402 would be allowed to die in committee, but in reviewing my files, it appears that HB402 continued to be the legislative vehicle, however with the House General Laws Committee substituting into HB402 the language that was within HB666. The House version now provided for the §54-17(3) land surveyor definition to be divided into two categories of land surveys, §54-17-3(a) and 3(b), with Subsection 3(a), as herein above stated, largely mirroring the old outdated definition as it existed in 1938, all as stated herein above.

The engineers continued their very aggressive opposition among the members of the General Assembly. One group of engineers would indicate a further concession would get its endorsement, then See page 18, Virginia’s Unique Definitions

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NOVEMBER - DECEMBER 2015 THE OLD DOMINION SURVEYOR | 15
RECERTIFICATION OF SURVEY PLATS

by Andrew G. Zoutawelle, PLS
Surveying Committee Chair

A client asks you to pull an old survey map out of your files and update the certification to reflect certain limited changes to the map. For example, new parties' names are needed for the new purchase or loan transaction. Possibly a new title insurance commitment needs to be referenced on the face of the survey. No need to change the date on the survey, your client says. And no need to visit the site or re-survey the property. Is your first impulse to accept this assignment?

Recent questions from several surveyors prompted the Board to write this article to alert you, if you are not already aware, as to whether seemingly minor revisions fall within acceptable practice. What do Board Rules allow and require?

The Board's concern when this question arises is whether recertifying an old survey is protecting the public health, safety and welfare as required by G.S. 69C and Board Rule 21:56.0701(b). The fundamental issue is the definition of "certify". To certify a document means that the document is signed, sealed and dated in compliance with Board rules. However, a document is merely the deliverable which communicates an underlying professional opinion, which must be based upon proper investigations conducted by the licensee.

The "survey" is the investigation and the resulting opinion. The "survey map" is the deliverable communicating that opinion. Parties relying on a survey map expect the map to reflect conditions in place when that map is signed and sealed.

Therefore, the licensee is responsible for conducting sufficient investigations to support the conclusions shown on the sealed document as of the moment of signing the map.

Recognizing the time required to accomplish the various tasks necessary to produce a final survey, Board Rule 21 NCAC 56.1103(a)(4) requires that you place the date of signing at the time you certify, or recertify, a document. You cannot sign as of the previous date of the survey. Board Rule 21 NCAC 56.1103(a)(7) also provides that "any revision on a drawing after a licensee's certification is affixed shall be described and dated..." This rule provides for certain limited situations where it is appropriate to add or change information on a survey drawing. Examples include adding an additional floor elevation to a topographic survey map or adding a reference to a title insurance commitment which was still being prepared when the survey was first certified. However, the licensee is cautioned against providing overly broad revisions or providing revisions after time has passed without updating all conditions reflected on the drawing.

During off an old map from years ago and arbitrarily certifying old conditions to a new owner or a new lender or a new title insurance company does not meet the intent of Board Rules in most cases and is not in the public interest.

The professional surveyor is responsible for assuring that the information reflected on new documents is correct. The necessary investigations must be made regarding recent deeds and plats, adjoining properties, the current existence and location of boundary markers, the existence of potential recent encroachments and all other aspects of the survey. Disclaimers on the face of the map are not sufficient to relieve the licensee from these responsibilities. Owner affidavits used by the licensee for the purpose of waiving these responsibilities are not acceptable substitutes for updating the survey investigations.

The public expects the professional certifications of land surveyors to represent the results of expert investigations.

Because every project situation is somewhat different and because professional licensees have the capability to exercise sound judgment, the Board has not laid out specific "red lines" regarding criteria for when "revisions" are acceptable (such as fixed time periods). Each professional licensee must exercise sound judgment in evaluating the extent of investigations necessary to properly address the task at hand. Remember, parties will rely on your opinion as they undertake their real property transactions.

Also keep in mind that your survey map will be used by other parties involved with the transaction, such as lenders, title insurance companies, property managers and others.

You, as the professional surveyors, can help educate your clients as to the importance of obtaining a current survey. You can address with your clients why you cannot always do what they might ask. You can remind your clients that the survey represents conditions at a particular point in time, and those conditions are subject to change. Licensees are encouraged to contact the Board with any questions and for the review of any proposed methods of compliance.

Exercising discretion as you prepare documents by only issuing current and accurate survey plans safeguards the public interest and enhances the public's confidence in the reliability of professional surveys in North Carolina.
Continued from page 15, Virginia's Unique Definitions

when that concession was made, another group would step forward and follow the same pattern to get another concession. I mentioned earlier that VSPE had a number of subgroups, and additionally there was considerable internal discussion among them. As is common to VSPE (e.g. Consulting Engineers Council (CEC), and Professional Engineers in Private Practice (PEPP)), this sort of negotiation continued around the House, and our client, the House, was seriously crippled and was quite a unsatisfactory piece of legislation insofar as resolving the surveyors' needs.

The obsolete land surveyor definition deems Virginia land surveyors obtain entirely new definitions.

But our bill's Patrons had been taking note of what had been going on (as had the Senate), and they had been doing yeoman work in our behalf behind the scenes. When the bill was taken up by the Senate General Laws Committee, our opposition forces, in spite of all of its negotiating success on the House side, now redoubled their efforts, with the intent of now totally killing the bill. The Senate General Laws Committee was greatly angered by these non-cooperative tactics of the opposition, and that committee thereafter deleted much of the language of the initial draft of the term of the language proposed by VAS in its originally introduced HB402. Our originally crafted updated definition for land surveyor thus was essentially revived, however the Senate committee did retain the concept of the two categories of land surveyor and the additional examination requirement. The Senate General Laws Committee also revised the city and county parts of the bill.

As stated, when our seriously crippled bill came before the Senate General Laws Committee, it was clear the Senators on that Committee was of the view that the new definitions of the provisions that had been lost during the process in the House, and they did so. I recall a few of those Committee members were young Senators, Senators Hamilton, (from the Martinsville or South Boston area), and other very influential and supportive Senators. A Senator would ask one of our Patrons a question like "Shouldn't such and such provision that was removed by the House be put back into this Bill?" This went on for a few amendments approved by that Committee in our favor, and thus our bill, now for the most part, appeared to embody that which VAS had originally proposed, then proceeded to win approval by the full Senate.

Of course, it did not quite, though, it came to be even more vocal feedback in the House of Delegates when the House had to vote on the Senate amendments. Notwithstanding, it seemed to me that the House of Delegates went along with the Senate as amended by the Senate. Our bill's patrons had been very diligent and effective in representing our needs, and their efforts went far beyond the normal call of duty. In my opinion, the day to day efforts had been a far more effective number of land surveyors from all over the State clearly were a huge factor in the final outcome.

Of course, didn't conclude the work of the opposition.

At that point, the opposition induced the President of the several universities in Virginia to interfere with the Governor, asking him to veto the House Bill as currently amended by the Senate. Our bill's patrons had been very diligent and effective in representing our needs, and their efforts went far beyond the normal call of duty. In my opinion, the day to day efforts had been a far more effective number of land surveyors from all over the State clearly were a huge factor in the final outcome.

Continued from page 18, Virginia's Unique Definitions

of Delegates, eventually elected by his peers at the Mayority Leader's House. It should be noted that Jim McGlothlin, although not a greatly seasoned Delegate when co-sponsoring our Bill, just happened to have not only been an attorney at law, but also a very young Senator, Barry Hylas, Jr. and the son-in-law of the legendary former Governor Harry Byrd. Delegate Russell Carolus, after many years to come in the Assembly, upon his retirement years thereafter, became a Circuit Judge in the Williamsburg area.

The strong opposition by VSPE to the 3(b) surveyor was to continue to force us to have our 3(b) surveyor on the books. As can be seen from the above subjects of the time frame, the continuing very vocal opposition by some engineers resulted in each side appointing 5 members to a committee to attempt to smooth over the bitter feelings. Wes Harris, Bill Matthews, and Sam Caulefield were PE's designated on this committee by the Northern Virginia Chapter of VSPE, and Vic Ghent, Jim Nealson and Joan truly were designated by the Northern Virginia Chapter of VAS. This committee had many meetings over a period of many months, the meetings were reasonably congenial, but other than reaffirming some harmony the constructive results were nil. The position of the surveyors was that the engineers needed to provide examples of poor design or incompatibility on the part of the 3(b) surveyors in general, but was any such example provided. The opposition, then, before and since, has always appeared to be purely of a turf or pocketbook motivated.

See Foot III in the next edition of The Old Dominion Surveyor

That the author, F. McGlothlin is a Virginia land surveyor, his license still being in active status. He became licensed as a land surveyor in June 1951 at a time when he had to pass the entire 3-day exam in one sitting. In December 1958 he became further licensed as a "3(b)" land surveyor, which practice is now described in §4.1-408 of the Virginia Code. McGlothlin graduated, came land, from the University of Maryland in June 1951 in a BSEE degree, with heavy emphasis also on civil engineering studies. He is a life member of Tau Beta Pi, a national engineering honor society. He also became licensed in 1951 at a Professional Land Surveyor in Maryland. He served in all the offices of the former Northern Virginia Chapter of VAS (was president in 1957) and in all of the offices of the Virginia Association of Surveyors was president in 1961. In March 1968 McGlothlin was appointed to the State Board of Architects, Professional Engineers and Land Surveyors by Governor Mills Godsby to replace the unserviced term of the late Cecil Crow, then reappointed for a 5-year term commencing July 1, 1968; he was subsequently reappointed for a second full 5-year term by Governor Linnell. Following the death of the State Board, he served one year as its President, and served 7 years as Chairman of the Land Surveyor Section. He served as Legislative Chairman of VAS for about 25 years, but even after stepping down from this post in 1987 he continued a few years as Legislative Chairman for his chapter. He is a U.S. Army veteran, having served honorably from August 1945 to February 1946.

Editor, continued from page 2

Surveying professionals are invited to provide technical articles for publication in the ODS and Affiliates who are interested in being featured should contact Kevin Sheerer or Beth Hawley with IMPA for scheduling. Submissions for the April edition are needed before March 1, 2016. Lastly, thank you for this opportunity to serve you as Editor of The ODS. This has been a great experience and I'm looking forward to my new appointment next year. Happy Holidays and all!

That CAD Girl is a platform for Land Surveyors to share information that will assist with the education of fellow Surveyors and for the general promotion of the Land Surveying profession. Thank you.

The Shrink-Wrap Entities command wraps a closed 2D or 3D polyline around selected drawing entities. The command can be found under the Draw menu in any of the Carlson desktop programs. The primary purpose of this command is to make it easy to create a boundary for a surface model so that stray triangles and contours aren't generated outside the boundary.

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Because it is primarily used for creating a closed boundary around points and breaklines for a surface model, the Shrink-Wrap Entities command will ignore any points or entities that are not within the specified distance. It is intended to stop the specified polyline created by the command ignores the stray points along the outer boundary because there are corner monuments that have been tagged as Non-Surface points.

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