



THE FLORIDA SURVEYOR

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officers



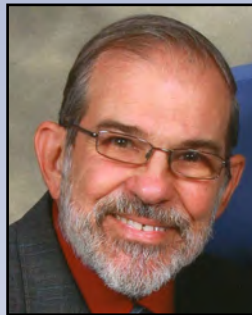
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PRESIDENT'S message

I recently ran into an interesting circumstance while making application to another state for licensure. My path through licensing and education was circuitous, as it is for many surveyors.

I got my Master's degree in Geomatics, but had done other work as an undergrad. I had read all the foundational textbooks and had years of experience in the application of those principles, so I never ended up taking the fundamental courses in surveying in college. In graduate work, I focused on the more complex and esoteric topics that I had not already worked through extensively.

As it happens, the requirements for licensure in this other state mandate a variety of the rudimentary undergraduate courses in surveying, with not much in the way of discretionary relief. As the rules are written, my years of experience, advanced degree in the field, and multiple state licensures do not address the specifics of this education requirement.

So, what to do? Petition the regulatory board of that state for an exception? Their statutes may have a little airspace in them for such an effort. Perhaps I could approach a legislator and explain that the rules for licensure are too strict, and should be revised?

I refuse to take those paths. Surveyors often come to the profession in many nontraditional ways. This means that when a state does its best to set a standard that will protect the public interest, not everyone will fall neatly within the requirements. This is just life and is not cause for whining.

I am going to address the issue by taking the required fundamental courses and respecting the requirements that the other state has set in the interest of the welfare of their citizens. I think that nobody should try to assert that they are above the rules. Fortunately, my employer is very supportive, as I would hope for most employers to be. I am very grateful to them, regardless.

The availability of online courses and the helpfulness of the staff at the University of Florida have made starting this effort as painless as possible. To be clear, there are other fine online options, but returning to my alma mater is an easy choice as I know from direct experience that they are an exemplary institution.

I am relating my own experience here to make this point: the protection of the public interest is a trust placed in the licensee which should not be compromised. Practical experience is just as important as education in creating a good surveyor. As the profession evolves, it becomes increasingly evident that experience alone is not a satisfactory replacement for education in meeting the rigorous demands which modern surveyors do face and will face.

This is not to slight the work of those whose licenses were grandfathered in prior to the requirement of a 4-year degree, as I have learned a lot from many such surveyors. However, as the legal and technical requirements of the industry grow progressively more complex, the mandate for advanced education becomes ever greater.

The public simply deserves the best from the profession in matters relating to the most valuable thing that most people will ever own – their home and the land it is built upon. We owe our livelihoods to our clients and it is appropriate that we adhere to the high standards that help ensure that their interests are defended.



President

Don Elder

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donelderpsm@gmail.com



Publicae Prasadio, Latin for Protect the Public. The regulation of professions is in force to protect the public, but the professionals themselves must protect the public, in how they operate within the profession. This is more than just ethical responsibility, this is professional responsibility. We may have clients or organizations we work for, but when it comes to boundary surveys or other types of surveys, we are providing evidence and facts of the work in which we are doing and in the products we produce. No matter how much we may like an individual, their boundary is where it is, we cannot alter the evidence that established the boundary or the elevation upon which the property lies within and the constraints it may have. Our work may benefit the party our client is having issues with, and it should go without saying as such, but sometimes I wonder.

In retracing the footsteps of others we often find evidence that either the surveyor you come upon was lazy and did not put forth the effort to find out there is proration going on or why there may be deficiency in a block or section. I think that is the case in many situations, I would hate to think the individual set a boundary corner where it benefited his or her client. We must wonder this though, as we are seeing more and more evidence of this. Recently we had a parcel that was being purchased for low income housing and upon first inspection the corners recovered next to, and adjacent our property were out in the roadway. This was a historical part of the City and just did not make sense. The crew we had out there failed to run the entire block, which I made them go back out and run the entire block. At first look, those adjacent corners looked good with everything but the roadway, but when the entire block was closed and the evidence of the additional control was looked upon, it was clear the recovered corners were based on an old fence line and a 1/2" Rebar. The problem was there were two fence lines and both were wrong. Another thing I had to get onto the crew about was moving the debris that was on the street. They found the adjacent corners but not the one under the debris pile.

Photo by: David Beale

SURVEYORS IN government

By: Richard Allen,
PSM, CFM

Working in the older parts of cities you come upon consistent corners that, when you find them, you hold on to them. In Orlando in the Parramore area it is $\frac{3}{4}$ " or larger iron pipes in many situations. Just like in Sanford, you hold the wellbox concrete monuments when running the old subdivision plats. Even in my own neighborhood, the block corners are axles in the older part of the subdivisions. These are points you hold to from experience of boundary retracement. That does not mean they may not be without error, or bad. When our crew ran the entire block, the corners in the street were way off, the surveyor would have figured this out by traversing the entire block. In retracing the block we uncovered many of the original corners, once the correct location was found. This comes back to the protection of the public. It is our duty and responsibility to properly retrace and recover the evidence that proves a boundary, a block, a subdivision and a section. We can introduce many issues and problems into future retracements, by not properly recovering and retracing what defines a boundary within such confines as a block or section. Profitability is important but not at the cost of damage to the public and the real property someone may own.

This is the biggest investment most will ever make and it is our responsibility to denote on the ground upon their deed of ownership. For those in government, it is our responsibility even more so to protect the public and to call out bogus surveys that we find come into our possession or submitted to us for review. We must question deficiencies that we find with surveys, we cannot rely solely on the Board of Professional Surveyors and Mappers to do this job, we must question and ask those submitting the surveys questions when we think there is an issue.

When questions go unanswered or the surveyor becomes unresponsive, then we must file a complaint to the board. I myself try to put myself in the individuals shoes to try and make sure that this was not an honest mistake.

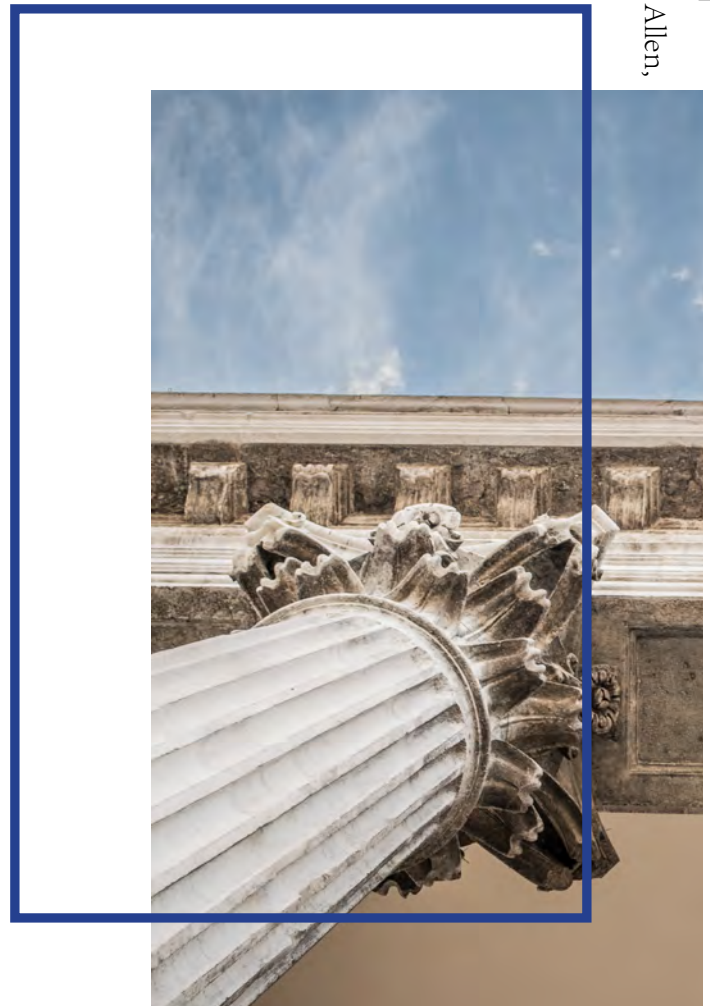


Photo by: Macu Ic



They can happen, additionally I try to allow them to fix the mistake because what worries me is that you have an individual who is still out there operating and has been for some time. I may have caught one issue, but they may have 200 more. That is why I implore the boundary retracers out there, take a little more time and make sure you have sufficiently recovered the evidence that is supporting your boundary survey. I know most surveyors are out there trying to do it right with ever-tightening margins of profitability. You are doing your ultimate duty of protecting the public.

Until next time my friends.

Sincerely,
Richard Allen

You can reach me at Richard.Allen@orlando.gov or 407.246.2788.





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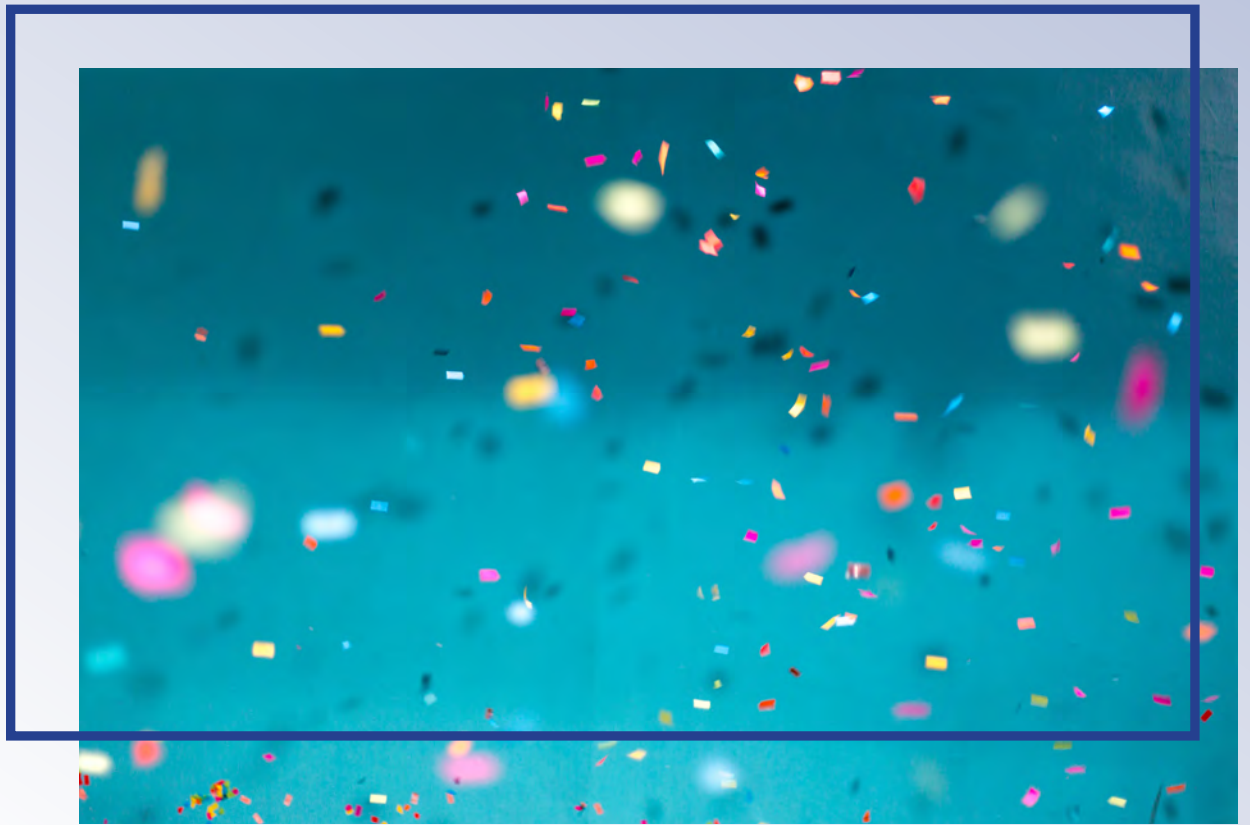


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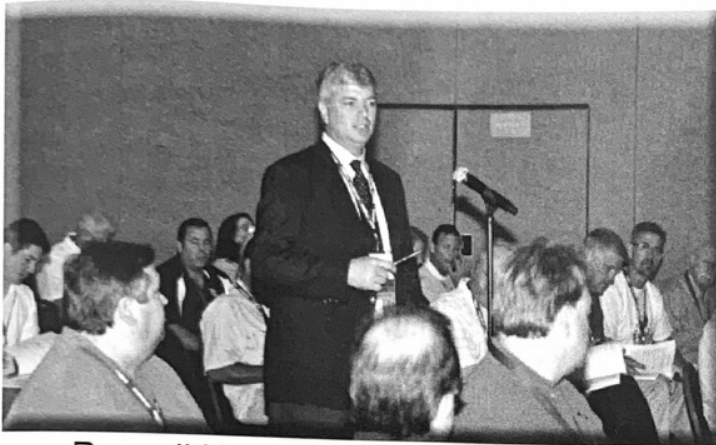


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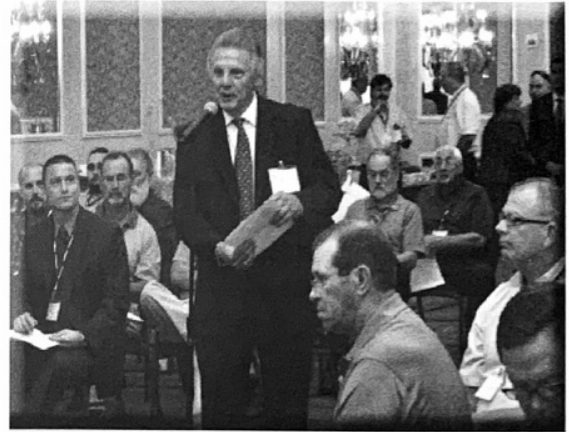




General Business Session



Russell Hyatt gives Director's report.



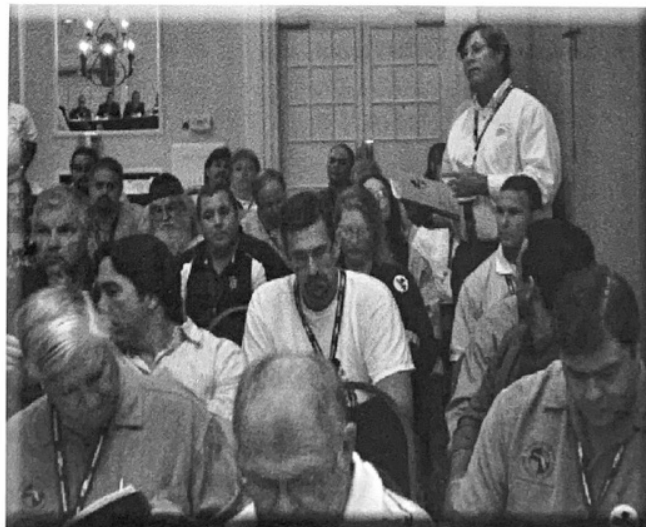
Ron Villella gives legislative report.



Education Coordinator, Rachel Simpkins, speaks.



Kathy Wade gives Chapter report.



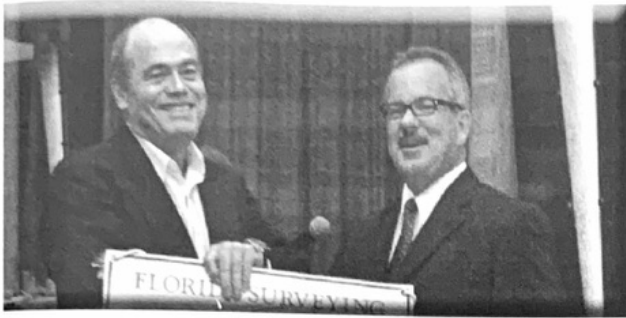
Jim Shannon gives Director's report.

August/September 2010



Annual Awards

Presented by Immediate Past President Pablo Ferrari.



Tampa Bay – Chapter of the Year received by Chapter President, Joe Boyle.



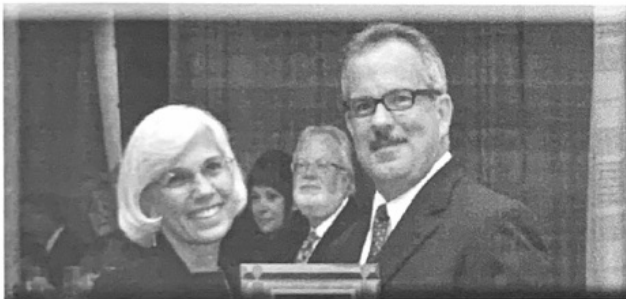
Chris McLaughlin – Chapter President of the Year.



Howard Ehmke & Tim Whitaker – Professional Development of the Year received by Chris McLaughlin.



Rick Pryce – Jim Bennett Board Member of the Year.



Mary Hanna Clodfelter – Fellow Member Award.



Steve Stinson – H.O. Peters Surveyor of the Year.



Jack Breed – Life Member Award.



Justin Ferrans – Associate of the Year.

August/September 2010



David Dagostino, Owner and CEO of Dagostino Geospatial Inc., Becomes United States Ambassador for International Get Kids into Survey® Initiative

BONITA SPRINGS, FL, August 13, 2020 – David Dagostino, CEO of surveying and mapping company Dagostino Geospatial Inc., announced today that he has entered into a United States ambassador relationship in support of the international Get Kids into Survey® (GKiS) project created in 2017 by Elaine Ball Ltd of the United Kingdom.

According to the GKiS website, the project's main objective is to inspire future geospatial experts by bringing young people into the exciting world of survey through pioneering content and engaging experiences. GKiS project leaders surmise that to secure the future of the industry, the geospatial community must unite to inspire a new generation of surveyors by sharing their enthusiasm with young people. Project leaders endeavor to provide education on everything geospatial, including different areas of surveying, equipment, solutions, and jobs.

Elaine Ball, CEO of Elaine Ball Ltd, explained, "I consider myself a marketing evangelist for the geospatial industry globally. With deep family roots in land surveying, mapping technology, and all things geospatial, I literally grew up in the industry. From a young age, I understood the world of surveying in a very detailed way, and I loved it! However, over time, I discovered that most children (and many adults) do not understand surveying in general, let alone its opportunity as a promising career path."

Ball explained that GKiS began with the creation of an illustrated poster for children detailing common activities of land surveyors and other geospatial professionals. To her delight, what was initially intended to be a fun resource for the survey community to help children understand what their parents did at work has now blossomed into an international initiative to educate children about the geospatial industry.

David Dagostino, a Florida-licensed Professional Surveyor and Mapper who earned his Bachelor of Science in Surveying and Mapping degree from the University of Florida (UF), is eager to play an active role in the GKiS initiative. "This industry has needed an injection of enthusiasm as a viable career path for a long time. In my graduating class at UF, there were only four other students graduating with surveying and mapping degrees," said Dagostino. "During commencement, we had hoped to spell out the word 's-u-r-v-e-y' on our caps as an homage to our future careers. But sadly, we did not have six people."

In 1991 when Dagostino graduated, UF was the only Florida college offering formal education in surveying and mapping. Since then, he is thankful that Florida Atlantic University has added geomatics engineering degree programs, including surveying and mapping as a specialty.

However, it is the opinion of Dagostino that the surveying industry and its enduring potential as a career path still lacks exposure among primary school-aged students. "I hope my involvement with GKIS can make an impact because, frankly, we need more young people in the surveying industry!"

"According to statistics reported by the Florida Department of Agriculture and Consumer Services, as of March 2020 there were 2,497 active LS (professional surveyor and mapper) licensees in Florida with nearly 50% over the age of sixty and less than 8% under the age of forty," Dagostino summarized.

In his signed agreement as a GKIS ambassador, Dagostino affirmed his commitment to spread the word about GKIS locally, participate in student educational opportunities, and present surveying as a career to young students. Dagostino's first-ever appearance as a GKIS ambassador demonstrated his interest and expert ability to uphold his commitment. On July 10, Dagostino was a guest presenter at Fran Cohen Youth Center Salvation Army of Naples Day Camp where he successfully engaged an audience of 28 student day campers, ages 8-15, for one hour and thirty minutes in concert with the camp's STEAM (Science, Technology, Engineering, Arts, Mathematics) curriculum focus.

During his presentation at the day camp, Dagostino distributed a printed version of the GKIS "Offshore U.S.A." poster which depicts many aspects of both land and bathymetric/hydrographic surveying which are very prevalent in Florida. He then gave each child a handful of Dagostino Geospatial-branded survey washers (a type of survey marking equipment used primarily when marking data points in asphalt) as game pieces so they could play "survey bingo" by marking industry-related items on the poster with the survey washers.

The students were captivated when he demonstrated the robotic capabilities of the Trimble S5 Total Station which "followed" him around the room as he pretended to collect survey data points. Dagostino also involved every student in a pace factor contest where campers estimated a distance with the number of their paces made to cover a distance; he then awarded prizes to the campers who guessed the actual distance most accurately.

While making the presentation fun and engaging, Dagostino also spoke about how interesting and rewarding his 22-year-plus year career in surveying and mapping has been, enthusiastically likening aspects of the career choice to a treasure or scavenger hunt.

"Encouraging students to appreciate the geospatial sciences needs to begin at a young age," he told Fran Cohen Youth Center Salvation Army of Naples administrators after his recent presentation. "I hope the students could tell that I was thrilled to be here today. I would love to be known as 'the guy who teaches about surveying and mapping' in schools, clubs, and other youth organizations all over Florida."

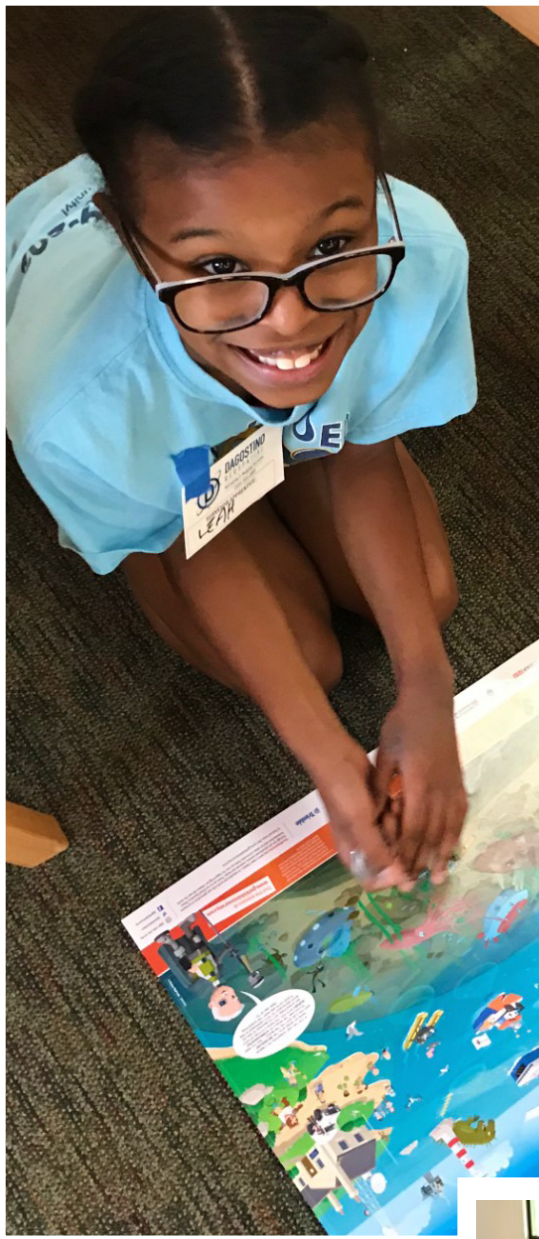
For more information, or to book David Dagostino for a Get Kids into Survey® presentation at your school or organization, call 239-352-6085 or visit DagGeo.com.

Around the State



Left: David Dagostino working with children at a day camp after becoming a U.S. Ambassador for the Get Kids Into Survey program.





More photos showing the students having a great time engaging with survey-related activities after David Dagostino spoke and provided demonstrations.

Photos courtesy: David Dagostino





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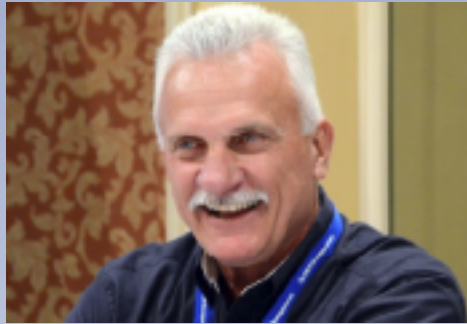
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is a shining star in whose light
others may follow in the
years to come. Denis Waitley

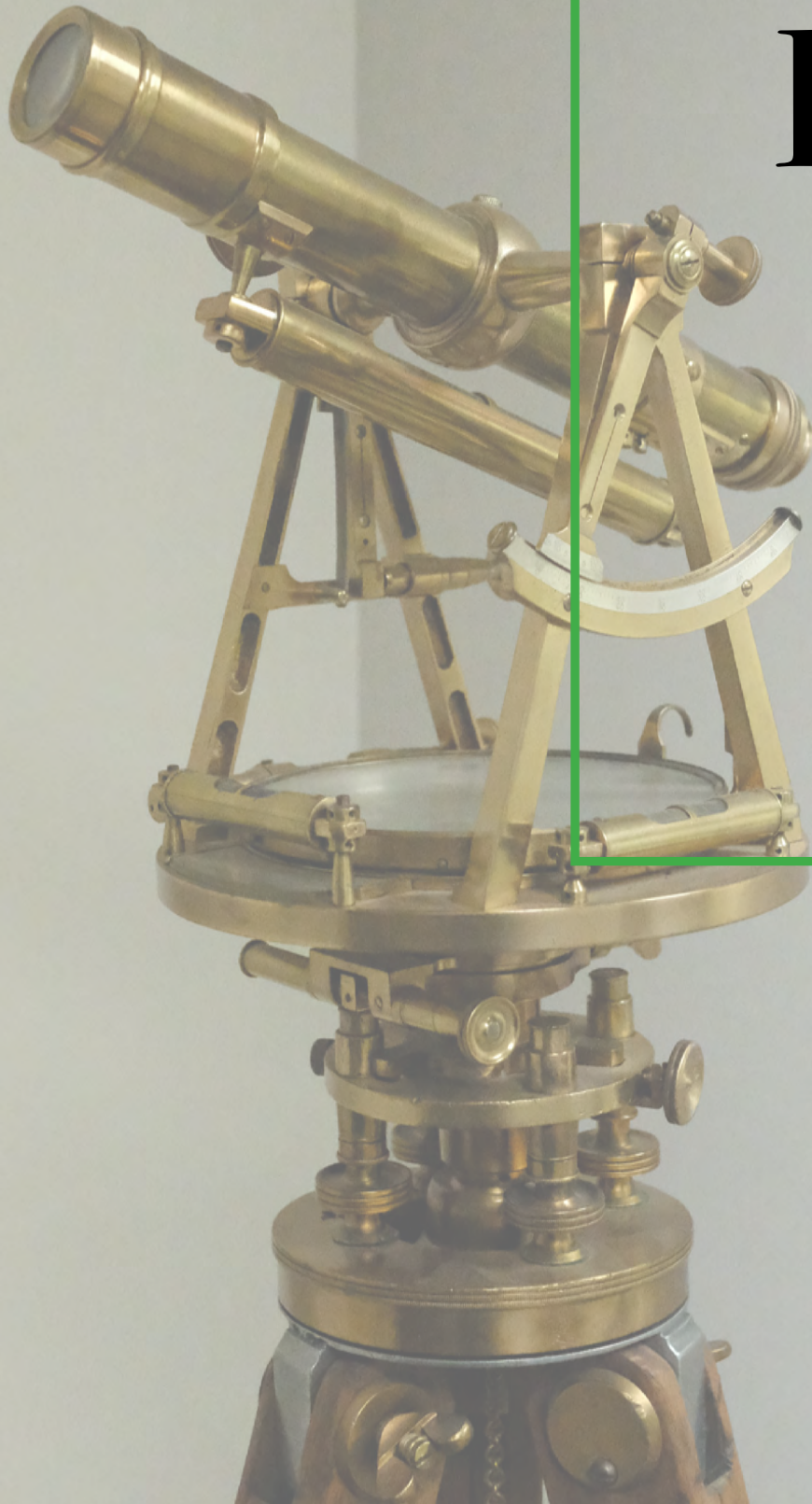


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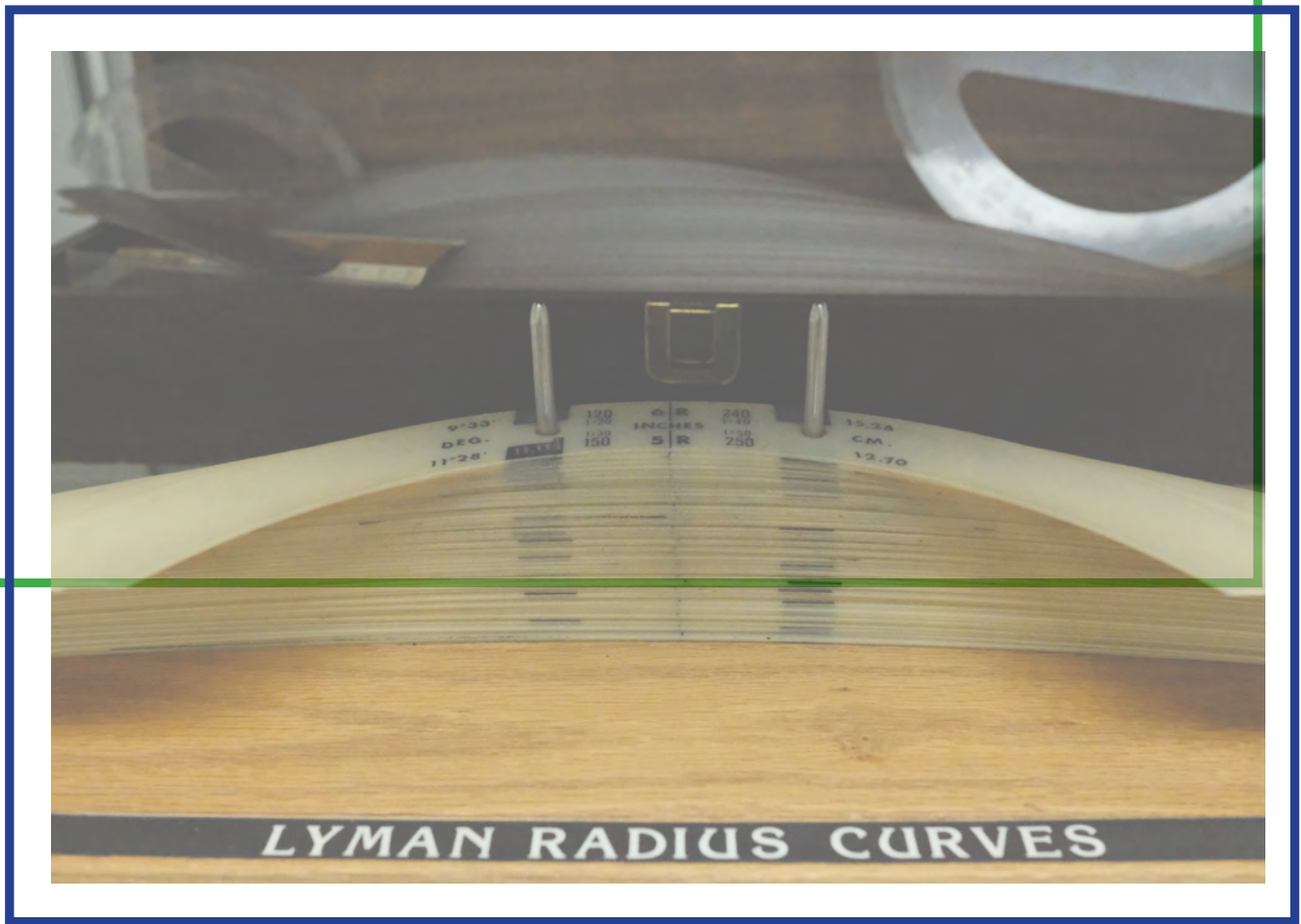
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Gustin, Cothorn & Tucker, Inc.	850-678-5141
H	
Hamilton Engineering & Surveying, Inc.	813-250-3535
H.L. Bennett & Associates, Inc.	863-675-8882
Hanson Professional Services, Inc.	217-788-2450
Hanson, Walter & Associates, Inc.	407-847-9433
Hole Montes, Inc.	239-254-2000
Hyatt Survey Services, Inc.	941-748-4693
I	
I.F. Rooks & Associates, LLC.	813-752-2113
J	
John Ibarra & Associates, Inc.	305-262-0400
John Mella & Associates, Inc.	813-232-9441
Johnston's Surveying, Inc.	407-847-2179
Jones, Wood, & Gentry, Inc.	407-898-7780

K	
KCI Technologies, Inc.	954-776-1616
Keith and Associates, Inc.	954-788-3400
Kendrick Land Surveying	863-533-4874
King Engineering Associates, Inc.	813-880-8881
L	
L&S Diversified, LLC.	407-681-3836
Landmark Engineering & Surveying Corporation	813-621-7841
Land Precision Corporation	727-796-2737
Langan Engineering	973-560-4900
Leading Edge Land Services, Inc.	407-351-6730
Leiter Perez & Associates, Inc.	305-652-5133
Lengemann	352-669-2111
Leo Mills & Associates, Inc.	941-722-2460
LidarUSA	256-274-1616
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Ludovici & Orange Consulting Engineers	305-448-1600
M	
MacSurvey, Inc.	727-725-3269
Manuel G. Vera & Associates, Inc.	305-221-6210
Marco Surveying & Mapping, LLC.	239-389-0026
Maser Consulting, P.A.	813-207-1061
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Masteller, Moler & Taylor, Inc.	772-564-8050
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McLaughlin Engineering, Co.	954-763-7611
Metron Surveying and Mapping, LLC.	239-275-8575
Metzger + Willard, Inc.	813-977-6005
Mock Roos & Associates, Inc.	561-683-3113

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Northwest Surveying, Inc.	813-889-9236
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O	
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On The Mark Surveying, LLC.	321-626-6376
P	
PEC Surveying & Mapping, LLC.	407-542-4967
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Pickett & Associates, Inc.	863-533-9095
Platinum Surveying & Mapping, LLC.	863-904-4699
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Polaris Associates, Inc.	727-461-6113
Porter Geographical Positioning & Surveying, Inc.	863-853-1496
Pulice Land Surveyors, Inc.	954-572-1777
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Q Grady Minor & Associates, PA	239-947-1144
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Rhodes & Rhodes Land Surveying, Inc.	239-405-8166
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R.M. Barrineau & Associates, Inc.	352-622-3133
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Boundaries in Florida Course #8255 (6 SOP/L&R CEC)

\$ 120⁰⁰



Contracts for the Professional Course #8412 (3 General CEC)

\$ 70⁰⁰



Elevation Certificates and the Community Rating System Course #8256 (3 General CEC)

\$ 70⁰⁰



Ethics for the Design Professional Course #8621 (6 General CEC)

\$ 120⁰⁰



Florida Laws Course #7149 (6 SOP/L&R CEC)

\$ 120⁰⁰



Professional Ethics and Professional Courtesy FULL Video Course #8363 (6 General CEC)

\$ 120⁰⁰



Georgia Technical Standards for Property Surveys Course #8554 (6 General CEC)

\$ 120⁰⁰



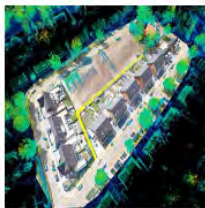
History of Surveying Course #7140 (6 General CEC)

\$ 120⁰⁰



Identification of Native and Non-Native Trees in Florida Course #8132 (6 General CEC)

\$ 120⁰⁰



Introduction to Photogrammetry Course #7968 (3 General CEC)

\$ 70⁰⁰



Land Tenure and Cadastral Systems Course #8260 (6 General CEC)

\$ 120⁰⁰



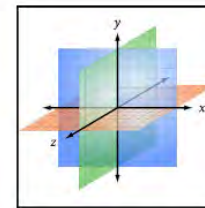
Map Projections and Plane Coordinate Systems Course #8261 (6 General CEC)

\$ 120⁰⁰



Mean High Water Observations & Computations Course #8262 (6 General CEC)

\$ 120⁰⁰



Practical Geometry for Surveyors Course #7141 (6 General CEC)

\$ 120⁰⁰



Public Land Survey System Course #7147 (6 General CEC)

\$ 120⁰⁰



Remote Sensing Applications to Surveying & Mapping Course #7148 (6 General CEC)

\$ 120⁰⁰



Writing Boundary Descriptions Course #8362 (3 General CEC)

\$ 70⁰⁰



Correspondence Courses



Step 1: Choose Course(s)

- 5J-17 Standards of Practice (SOP), #6962, 6 SOP/L&R CEC**
- A History of the Prime Meridian Marker, #8403, 3 General CEC**
- Basics of Real Property, #8359, 3 General CEC**
- Boundaries in Florida, #7667, 6 SOP/L&R CEC**
- Chapter 177, Platting (Plat Law), #6970, 6 SOP/L&R CEC**
- Client Satisfaction Excellence for Surveying and Mapping Professionals, #7229, 6 General CEC (Only available by mail)**
- Contracts for the Professional, #8411, 3 General CEC**
- Critical Communication for Surveying & Mapping Professionals, #7228, 6 General CEC (Only available by mail)**
- Digital Signatures for Surveyors, #8491, 3 General CEC**
- Elevation Certificates and the Community Rating System, #8257, 3 General CEC**
- Ethics for the Design Professional, #8620, 6 General CEC**
- Florida Laws, #6966, 6 SOP/L&R CEC**
- Georgia Technical Standards for Property Surveys, #8553, 6 General CEC**
- Geographic Information Systems (GIS), #7107, 6 General CEC**
- History of Surveying, #7108, 6 General CEC**
- Identification of Native and Non-Native Trees in Florida, #7874, 6 General CEC**
- Introduction to Photogrammetry, #7887, 3 General CEC**
- Land Tenure and Cadastral Systems, #7829, 6 General CEC**
- Map Projections and Plane Coordinate Systems, #7669, 6 General CEC**
- Mean High Water Observations and Computations, #8220, 6 General CEC**
- Practical Geometry for Surveyors, #7109, 6 General CEC**
- Public Land Survey System, #6979, 6 General CEC**
- Remote Sensing Applications to Surveying & Mapping, #6972, 6 General CEC**
- Stress Management for Surveyors & Mappers: How to be Productive Under Pressure, #6902, 6 General CEC (Only available by mail)**
- Time Management for Surveyors & Mappers: How to be Productive & Exercise Time Mastery in A Hectic World, #6901, 6 General CEC (Only available by mail)**
- Writing Boundary Descriptions, #8361, 3 General CEC**

Step 2: Choose Member Type

FSMS Member

<i>EMAILED</i>	Fee	Quantity	Amount
6 CEC	\$115 Per Course	x _____	= \$ _____
3 CEC	\$58 Per Course	x _____	= \$ _____
<i>MAILED</i>			
6 CEC	\$125 Per Course	x _____	= \$ _____
3 CEC	\$68 Per Course	x _____	= \$ _____
TOTAL		_____	\$ _____

Non-Member

<i>EMAILED</i>	Fee	Quantity	Amount
6 CEC	\$135 Per Course	x _____	= \$ _____
3 CEC	\$78 Per Course	x _____	= \$ _____
<i>MAILED</i>			
6 CEC	\$145 Per Course	x _____	= \$ _____
3 CEC	\$88 Per Course	x _____	= \$ _____
TOTAL		_____	\$ _____

Non-Licensed in ANY State

<i>EMAILED</i>	Fee	Quantity	Amount
6 CEC	\$100 Per Course	x _____	= \$ _____
3 CEC	\$60 Per Course	x _____	= \$ _____
<i>MAILED</i>			
6 CEC	\$110 Per Course	x _____	= \$ _____
3 CEC	\$70 Per Course	x _____	= \$ _____
TOTAL		_____	\$ _____

Step 3: Payment Information

Name: _____ PSM#: _____ State: _____ FSMS Member: ___ YES ___ NO

Firm: _____ Sustaining Firm: ___ YES ___ NO

Address: _____

City/State: _____ Zip Code: _____

Email Address: _____ Work Phone: _____

Payment Information: _____ Check Enclosed (Payable to FSMS) _____ VISA/MasterCard/American Express

Card #: _____ Exp. Date: _____ CVV Code: _____

Billing Address of Credit Card: _____

Signature: _____

IF PAYING BY CHECK, MAIL FORM TO: FSMS, P.O. Box 850001-243, Orlando, Florida 32885-0243

IF PAYING BY CREDIT CARD, FAX OR EMAIL FORM TO: 850.877.4852 education@fsms.org

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Provider No. CE11

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Avoid touching your eyes, nose, and mouth.



cdc.gov/COVID19

CS316038A March 17, 2020 2:06 PM

STOP THE SPREAD OF GERMS

Help prevent the spread of respiratory diseases like COVID-19.

Wash your hands often with soap and water for at least 20 seconds.



cdc.gov/COVID19

CS316038A March 17, 2020 2:06 PM

STOP THE SPREAD OF GERMS

Help prevent the spread of respiratory diseases like COVID-19.

Clean and disinfect frequently touched objects and surfaces.



cdc.gov/COVID19

CS316038A

DETENGA LA PROPAGACIÓN DE LOS MICROBIOS

Ayude a prevenir la propagación de enfermedades respiratorias como el COVID-19.

**Evite tocarse los ojos,
la nariz y la boca.**



cdc.gov/COVID19-es

CS16038A 19 de marzo, 2020 4:22 p. m.

DETENGA LA PROPAGACIÓN DE LOS MICROBIOS

Ayude a prevenir la propagación de enfermedades respiratorias como el COVID-19.

**Lávese frecuentemente
las manos con agua y jabón
por al menos 20 segundos.**



cdc.gov/COVID19-es

CS16038A 19 de marzo, 2020 4:22 p. m.

DETENGA LA PROPAGACIÓN DE LOS MICROBIOS

Ayude a prevenir la propagación de enfermedades respiratorias como el COVID-19.

**Limpie y desinfecte los
objetos y las superficies que
se tocan frecuentemente.**



cdc.gov/COVID19-es

CS16038A 19 de marzo, 2020 4:22 p. m.

2020 Chapter Presidents

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Panhandle

Mike Blanton
Michael.Blanton@nee.com

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FAU Geomatics

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Chad Thurner
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chad.thurner@sam.biz

District 2 / Northeast

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(863) 344-2330
ndigruttolo@pickettusa.com

Randy Tompkins
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randytompkins1@outlook.com

District 3/East Central

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Al Quickel
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alq.fsms@gmail.com

Howard Ehmke
(561) 682-2987
hehmke@sfwmd.gov

District 4/ West Central

Citrus, Hernando, Hillsborough, Pasco, Pinellas, Polk, Sumter

Greg Prather
(863) 533-9095
gprather@pickettusa.com

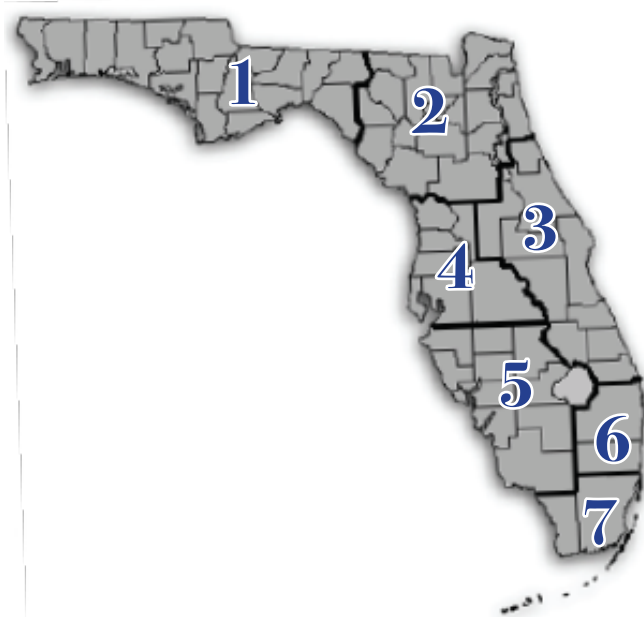
Alex Parnes
(727) 847-2411
alexwolfeparnes@gmail.com

District 5/ Southwest

Collier, Charlotte, DeSoto, Glades, Hardee, Hendry, Highlands, Lee, Manatee, Sarasota

Shane Christy
(941) 748-4693
shane@hyattsurvey.com

Jeffrey Cooner
(239) 829-7016
jeff.cooner@cardno.com



District 6/Southeast

Broward, Palm Beach

Ken Buchanan
(561) 687-2220
ken.buchanan@wginc.com

Dodie Keith-Lazowick
(954) 788-3400
dkeith@keithteam.com

District 7/South

Miami-Dade, Monroe

Manny Vera, Jr.
(305) 221-6210
mverajr@mgvera.com

Lou Campanile
(954) 980-8888
lou@campanile.net

NSPS Director

Russell Hyatt
(941) 748-4693
russell@hyattsurvey.com

Additional Information

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1956

H.O. Peters
Harry C. Schwebke
John P. Goggin
R.H. Jones

1960

Hugh A. Binyon
Russell H. DeGrove
Perry C. McGriff
Carl E. Johnson

James A. Thigpenn, III
Harold A. Schuler, Jr.
Shields E. Clark
Maurice E. Berry II
William C. Hart
Frank R. Schilling, Jr.

1970

William V. Keith
James M. King
Broward P. Davis
E.R. (Ed) Brownell
E.W. (Gene) Stoner
Lewis H. Kent
Robert S. Harris
Paul T. O'Hargan
William G. Wallace, Jr.
Robert W. Wigglesworth

1980

Ben P. Blackburn
William B. Thompson, II
John R. Gargis
Robert A. Bannerman
H. Bruce Durden
Buell H. Harper
Jan L. Skipper
Steven M. Woods
Stephen G. Vrabel
W. Lamar Evers

1990

Joseph S. Boggs
Robert L. Graham
Nicholas D. Miller
Loren E. Mercer
Kent Green
Robert D. Cross
Thomas L. Conner
Gordon R. Niles, Jr.
Dennis E. Blankenship
W. Lanier Mathews, II
Jack Breed

2000

Arthur A. Mastronicola
Michael H. Maxwell
John M. Clyatt
David W. Schryver
Stephen M. Gordon
Richard G. Powell
Michael J. Whiting
Robert W. Jackson, Jr.
Pablo Ferrari
Steve Stinson

2010

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