



THE FLORIDA SURVEYOR

May 1 2022
Volume XXX, Issue 5

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Transforming the Surveying Profession
67th Annual Conference Registration
CST Exam Sign-Up



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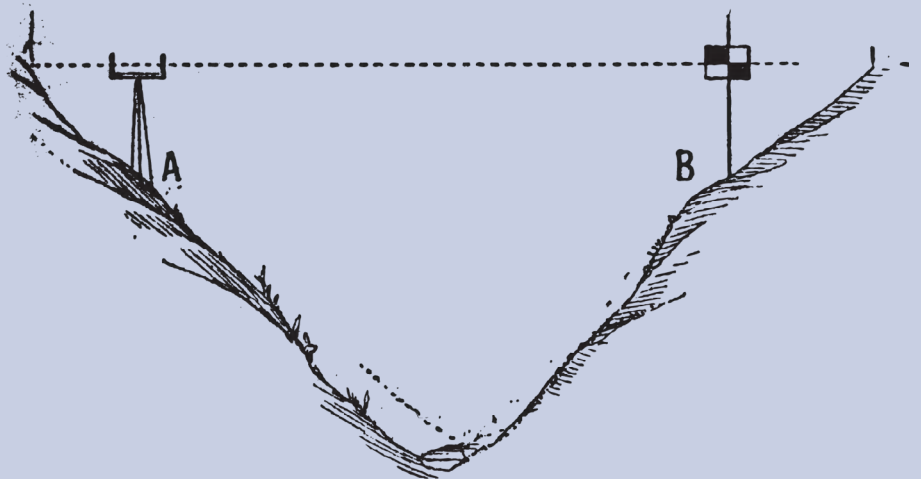
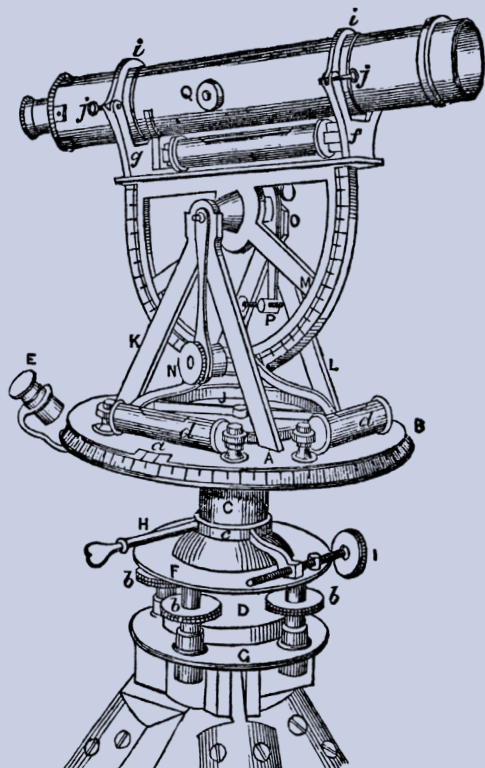
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PRESIDENT'S Message

Greetings from Frankfurt, Germany. I'm on a river cruise travelling down the Rhine river and this is our port of call today (May 3).

As most of you probably know, FDEP issued an RFP for what they call the Florida Seafloor Mapping Initiative, a potential \$110M contract to map seabed along the entire Florida coastline, from the MHW line to a depth of 200 meters. Unfortunately, the RFP did not include the requirement for PSM involvement despite the fact that the services requested in the RFP are specifically included in the definition of surveying and mapping in Ch. 472, Florida Statutes.

The RFP also requested a fee proposal and therefore did not comply with CCNA. Legal Committee Chair Jack Breed protested the RFP, along with many other allied associations (NSPS, NCEES, and others) and other PSM firms. FDEP revised their RFP so that it now includes the requirement that PSMs are to be responsible for data gathering. We are still analyzing this revised RFP as there are some nuances to the revised RFP that still are questionable.

We are now about 2½ months away from this year's Annual Meeting in West Palm Beach (July 20-23). Registration for this convention is in this issue of *The Florida Surveyor* and also online at www.fsms.org. I am looking forward to seeing my fellow surveyors from around the state for a few days of society business, professional seminars, and all-around good times networking and socializing. This year's event also includes a FSMS Annual Meeting first: a Clay Shoot, and I do look forward to throwing some lead at quite a few hapless clay targets.



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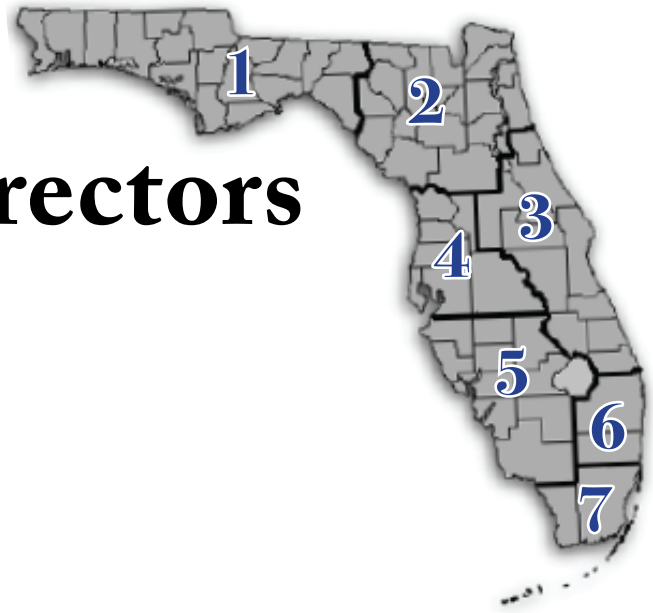
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2022

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Finance Committee	Bon Dewitt
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Education Committee	Greg Prather
Annual Meeting Committee	Jim Sullivan
Legal Committee	Jack Breed
Strategic Planning Committee	Lou Campanile, Jr.
Ethics Committee	Shane Christy
Legislative Committee	Jack Breed
Surveying & Mapping Council	Randy Tompkins
Constitution & Resolution Advisory Committee	Eric Stuart

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UF Alumni Recruiting Committee	Russell Hyatt
Professional Practice Committee	Lou Campanile, Jr.
Workforce Development Committee	Don Elder

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FDACS BPSM	Don Elder
Surveyors in Government	Richard Allen
Academic Advisory UF	Bon Dewitt
FES	Lou Campanile, Jr.

Practice Sections

Geospatial Users Group	Earl Soeder
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FLORIDA SURVEYING & MAPPING POLITICAL ACTION COMMITTEE

What is FSMPAC?

FSMPAC (Florida Surveying & Mapping Political Action Committee) is a non-partisan, non-profit Political Committee formed under Florida law by FSMS to support the profession in legislative and political activities.

Without regard to political party affiliation, contributions and support are made to candidates and political parties that understand issues and initiatives important to the profession.

How does FSMPAC work?

Our mission is accomplished through voluntary contributions by concerned Surveyors and Mappers interested in promoting and protecting our profession. Funds are used to research, select and support the election of candidates who are supportive of our concerns.

Why do I need to be involved?

Involvement in your PAC is essential to maintaining a dialogue with elected officials and candidates that understand the importance of our profession to the organized development of Florida's infrastructure, as well as the impacts of undue regulation on our practice.

There will always be interest groups that have agendas contrary to the interests of our profession, and given the opportunity will encroach on our practice.

This reality demands that we remain vigilant and maintain a well-funded PAC to support and defend our interests. Without your support and input, the PAC cannot effectively complete its mission.

**Click & Donate to FSMPAC Today!
We Thank You for Your Support!**

PGA

NATIONAL RESORT

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20
July
2022

8:30 am

\$200 per person
\$790 per team (4 players)



400 Avenue of the Champions
Palm Beach Gardens, FL 33418

Transforming the Surveying Profession

by Linda Duffy

Transforming the Surveying Profession

Surveying is experiencing a surge of technology that to some might seem detrimental, while others see it as an opportunity to expand into new service areas and achieve higher levels of productivity and profitability. In 2022 and beyond, the trend toward faster, more accurate data collection will continue, with a corresponding increase in the volume of data being handled requiring more storage and high-performance processing to keep up.

Advances in technology are impacting every facet of our lives, and surveying is no exception. The increasing capabilities of GPS/GNSS, laser scanners, robotic total stations, 3D software, mobile mapping and drones, among other things, are driving a shift in expectations related to workflows and deliverables. Projects that used to take weeks can now be completed

in days, and survey-grade accuracy is defined in millimeters instead of centimeters.

Although sometimes difficult to keep pace with the changes, the benefits are far-reaching and offer new opportunities for those interested in exploring the possibilities.

Shift in Resources - Innovative Services

Attracting the next generation of surveyors is critical to the future of surveying. With the average age of surveyors hovering around 60, a significant loss of experienced surveyors over the next five to 10 years is expected. The Bureau of Labor Statistics in the U.S. Department of Labor predicts 4,000 openings for surveyors per year between 2020-2030.

New technology and the innovative products and services being developed with these

tools are a key selling point for the younger generation that has grown up with video games, simulations, virtual reality, smart phones, etc. As demand for 3D models, BIM and digital twins continues to increase, surveyors will have to step up to provide the necessary data; however, as data collection becomes more automated in the field, there will be a shift in resources to the office where the bulk of processing and production of deliverables takes place.

Second-generation surveyor Tim Burch, president-elect of the National Society of Professional Surveyors (NSPS), has big plans to leverage new technology to expand the range of professional services offered by surveyors and to attract the next generation of surveyors.

“Technology is really driving so much of surveying,” says Burch. “Over the past 35 years I’ve had the opportunity to watch new technologies come into the profession and have a profound impact, not just from a performance, productivity, and accuracy standpoint but also from a cost perspective, and cost affects implementation and barriers to entry.”

Burch likes to compare the changes occurring in surveying to the evolution of the automobile. “Technology has improved the automobile almost to the point where anybody can drive with literally any skill level or no skills, thanks to automation and GPS, GNSS, and other built-in sensors. That is what some of the surveying equipment is like now—highly automated. We’re sending UAVs in the air, unmanned vessels across the ocean, and underwater vehicles to scan the sea floor. They are collecting

data autonomously, however, it’s still crucial for the humans involved to understand the science behind surveying to recognize good data from bad data.”

One of the arguments against adopting new automated technology is the loss of math and science knowledge and the technical aspects of what surveyors do. Without understanding the process, an operator may not be able to catch mistakes that could have serious consequences. A surveyor needs to relate the horizontal and vertical coordinates to legal descriptions or construction and engineering plans and translate them from paper to the ground correctly.

“On the pro side, technology is making things more efficient and more accurate and reducing costs in some places,” says Burch. “But on the con side we might be putting this technology in the hands of people that know just enough to get the drone in the air or to hold a GNSS receiver and collect points. There’s a fine line between maximizing efficiency with technology and losing valuable expertise in the field and in the office because of the automation.”

By using advanced technology, a licensed surveyor can manage a larger number of technicians than in the past, maybe three to five crews each instead of one or two. There is a trend for less-experienced technicians to be conducting field work without supervision by a licensed surveyor, which lowers cost but may sacrifice accuracy and effectiveness of the data. With proper verification processes in place, firms should benefit from lower costs while

maintaining data quality.

Education for an Evolving Profession

To make the most of new technology, educational programs must incorporate relevant material and stay current on the latest tools. Even though future drone pilots and 3D drafters have been developing spatial skills and computer skills through gaming and programming from a young age, they need to learn to relate that knowledge to surveying.

Many young people do not consider surveying an appealing career because of a lack of understanding of the job. Public perception is that a data technician is a blue-collar occupation, partially because they are not compensated at a level that reflects the responsibility they carry. In reality, they are handling \$150,000 worth of equipment and collecting measurements that will impact ownership boundaries and multi-million-dollar construction projects. A lot of knowledge is required to ensure the accuracy of the data.

“We need to educate everyone about the importance of the work and the technical aspect of the work, and we need to pay technicians accordingly,” says Burch. “Licensure is not the only path to a successful career in surveying. An experienced technician can hold various certificate levels that show mastery of certain equipment. They should be promoted and compensated based on their value within the surveying profession.”

Office and field technicians do the bulk of surveying work, so they need continuing education to stay abreast of the technology. It’s important to understand the science rather than just pushing the buttons, which raises this occupation above a typical entry-level hourly wage job.

Construction Relies on Surveying

Surveyors play an integral role during all phases of infrastructure and development projects, starting with the raw ground survey, followed by the engineering design, then staking and translating the information into instructions that fit the terrain. The construction industry has embraced new surveying technology that provides faster and more accurate data collection and streamlines the entire process, while helping stay on budget and on schedule.

“It’s been amazing to see how survey technology is being used in the construction industry,” says Burch. “It is the surveyor’s responsibility to integrate and disseminate all the information. Technology has revolutionized construction with digital models that get loaded into the GPS-equipped construction equipment, so they follow the design exactly.”

There are also drones flying the sites to get progress updates and additional spatial data so more analysis is possible to make a better end product. There is so much surveying and engineering data being collected, it is inevitable that surveyors will move toward

TRANSFORMING THE SURVEYING PROFESSION

cloud-based storage systems, which is another area of technology growth.

“Surveying and construction go hand-in-hand, and I don’t see that stopping anytime soon,” says Burch. “NSPS intends to bring the professional community together with the key industries that we support, including construction. In the future we want to be the provider of news about professional surveying and provide valuable information

about what’s going on and advocate for promotion of the profession to the business world and the general public.”

Article by Linda Duffy

Linda Duffy is a freelance writer and market researcher at Apropos Research, an independent firm providing marketing services to the geospatial and remote sensing community since 2003.

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The 67th Annual FSMS Conference will be held July 20th - 23rd at the PGA National Resort & Spa in Palm Beach Gardens, FL

[CLICK HERE for Link to Group Room Rate, Registration, Exhibitor and/or Sponsorship Opportunities!](#)

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Around the State

FSMS is Pleased to Welcome Taylor Whidden as the new GSA President at the University of Florida. We are very excited to be part of her academic and professional journey.



“ I am honored to be the University of Florida’s GSA President for the upcoming year. I am graduating with a degree in Geomatics and plan to obtain my master’s degree in Environmental and Land Use Law. Going to this school has been a dream of mine for as long as I can remember, and I could not be happier that I get to leave my mark here in the Geomatics Program. All my professors and peers have supported me through this academic journey, and I am excited to see where this path takes me. I am especially appreciative to my dad, who showed me just how cool this profession can be and supporting me while pursuing this career path, following in his footsteps! ”



There are times when surveying can be a Hoot.

Nature's "little supervisor" checks in on Mr. Luke Peterson, party chief at George F. Young, Inc. in St. Petersburg, FL.





Clay Shoot

21
July
2022

9:00 am



Palm Beach County Shooting Sports Complex
11730 Seminole Pratt Whitney Rd,
West Palm Beach, FL 33412

\$175 per person
\$700 per team (4 players)

Check-In Starts at 8:00 am

Tom's Tip of the Month

A HIGHLY DEVELOPED VALUES SYSTEM IS LIKE A COMPASS. IT SERVES AS A GUIDE TO POINT YOU IN THE RIGHT DIRECTION WHEN YOU ARE LOST.

IDOWU KOYENIKAN



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THE FLORIDA SURVEYOR is the official publication of the Florida Surveying and Mapping Society, also known as FSMS. It is published monthly for the purpose of communicating with the professional surveying community and related professions who are members of FSMS. Our award winning publication informs members eleven months out of the year about national, state, and district events and accomplishments, as well as articles relevant to the surveying profession. In addition, continuing educational courses are also available.

Conference Registration is Now Open!



CLICK HERE to
Fill Out Your Registration
Form Online or Download
& Email to
education@fsms.org

SIGN-UP FOR THE CST EXAM

If you would like to Sign-Up and take the
CST Exam at Annual Conference, Click This
Link: <https://cstnsps.com/apply-online/>

Exam Date:

July 23, 2022
8:00 am - 3:30 pm

Test Center/Site:

FSMS 67th Annual Conference -
Palm Beach Gardens, FL

Exam Format: "Paper"

For Questions regarding CST Testing contact
ajenkins@southeasternsurveying.com



Conference Schedule 2022

Wednesday, July 20

7:00am - 5:00pm	Conference Registration Desk Open	<i>Atrium Registration</i>
7:30am - 8:00am	Seminar Sign In	<i>Each Room</i>
8:30am - 1:00pm	Golf PGA National	<i>Offsite</i>
8:00am - 5:00pm	BPSM Meeting	<i>Canterbury</i>
8:00am - 6:00pm	BBQ Teams Cooking	<i>Members Parking Lot</i>
8:00am - 2:30pm	Seminar 1 Retracing Public Land Surveys and the Restoration of Lost or Obliterated Corners Course #10296 - 6 CEC Hours Instructor: Corwyn "Corky" Rodine	<i>British A</i>
8:00am - 2:30pm	Seminar 2 Working in the New, Modernized National Spatial Reference System 2022 Course #10297 - 6 CEC Hours Instructor: Dave Zilkoski	<i>British B</i>
8:00am - 4:30pm	Seminar - 2 Day Course (Day 1) Fundamentals of Prof. Surveying Course #10116 - 16 CEC Hours Instructor: Dr. Stacey Lyle, RPLS	<i>Congressional</i>
10:00am - 10:15am	Seminar Break (All seminars)	<i>British BR Foyer</i>
11:30am - 1:00pm	Lunch on your own (All seminars)	
3:00pm - 3:15pm	Seminar Break (Stacey Lyle SIT course)	<i>British BR Foyer</i>
3:30pm - 4:30pm	Surveying & Mapping Council	<i>British A</i>
4:30pm - 5:00pm	Executive Committee Meeting	<i>Board Room</i>
6:00pm - 8:00pm	BBQ Dinner ("Wednesday" arm band <i>required</i>)	<i>PGA B&C</i>
8:00pm - 10:00pm	Cornhole Tournament (Sign up at Registration Desk)	<i>PGA A</i>

Thursday, July 21

7:00am - 5:00pm	Conference Registration Desk Open	<i>Atrium Registration</i>
8:00am - 8:30am	Seminar Sign In	<i>Each Room</i>
8:00am - 10:30am	Seminar 1 Hydrographic Surveys From Small Vessels Course #10303 - 3 CEC Hours Instructor: Greg Prather, PSM & Tom Whidden, PSM	<i>British A</i>
8:00am - 10:30am	Seminar 2 Changes in Date Delivery and Data Processing in the New, Modernized NSRS in 2025 Course #10298 - 3 CEC Hours Instructor: Dave Zilkoski	<i>British B</i>
8:00am - 4:30pm	Seminar - 2 Day Course (Day 2) Fundamentals of Prof. Surveying Course #10116 - 16 CEC Hours Instructor: Dr. Stacey Lyle, RPLS	<i>Congressional</i>
9:00am - 1:00pm	Clay Shoot (Green arm band)	<i>Off-Site Venue</i>
10:00am - 10:15am	Seminar Break (Stacey Lyle SIT course)	<i>British Foyer</i>
11:45am - 1:00pm	Lunch on your own	
1:00pm - 4:00pm	Exhibitor/Vendor Set-Up Booths	<i>PGA Ballroom ABC</i>
3:00pm - 3:15pm	Seminar Break (Stacey Lyle SIT course)	<i>British BR Foyer</i>
4:00pm - 4:30pm	Exhibit Hall Grand Opening/Ribbon Cutting	<i>PGA Ballroom ABC</i>
4:30pm - 6:00pm	Exhibitor Reception ("Attendee" name badge <i>required</i>)	<i>PGA Ballroom ABC</i>
6:00pm - 8:00pm	Legislative Reception (Flag Arm Band)	<i>Bella Lago</i>
8:00am - 12:00am	Casino Night	<i>Vista A&B</i>

Conference Schedule 2022

Friday, July 22

7:00am - 5:00pm	Conference Registration Desk Open	<i>Atrium Registration</i>
7:00am - 8:00am	Breakfast (FSMS Members Only)	<i>British ABC</i>
8:00am - 8:30am	Keynote Speaker - Josh Liller	<i>British ABC</i>
8:00am - 4:00pm	Exhibit Hall Open	<i>PGA Ballroom B&C</i>
9:00am - 12:00pm	General Business Session	<i>British ABC</i>
9:00am - 3:00pm	FAMILY Trip (Lion Country Safari)	<i>Off Site</i>
12:00pm - 1:30pm	Exhibitor Luncheon ("Admit One" arm band required)	<i>PGA Ballroom B&C</i>
1:30pm - 2:30pm	FDOT - Town Hall (<i>Open to all</i>)	<i>Canterbury A</i>
2:30pm - 3:30pm	NSPS Meeting	<i>Canterbury B</i>
3:30pm - 4:30pm	Geospatial Users Group	<i>Canterbury A</i>
4:30pm - 5:00pm	Surveyors in Government (Working Session)	<i>Canterbury B</i>
5:00pm - 5:30pm	Surveyors in Government (Public Q & A)	<i>Canterbury B</i>
5:00pm - 6:00pm	Young Surveyors Network Scavenger Hunt	<i>Congressional</i>
6:30pm - 7:00pm	Cocktail Reception	<i>British Ballroom-Foyer</i>
7:00pm - 10:00pm	Recognition Dinner (VIP or Smiley Face (child) arm band required)	<i>British Ballroom</i>
10:00pm - 11:00pm	President's Reception	<i>Vista A & B</i>

Saturday, July 23

7:00am - 12:00pm	Conference Registration Desk Open	<i>Masters Reg. Desk</i>
8:00am - 5:00pm	Certified Survey Technician (CST) Exam	<i>Oakmont</i>
8:00am - 8:30am	Seminar Sign-In	<i>Each Classroom</i>

Saturday Tech Sessions (Registration Required)

8:30am - 3:00pm	All Day Session Standards of Practice Course #10103 - 6 CEC Hours Panel Discussion	<i>Canterbury A & B</i>
8:30am - 10:10am	Morning Segments Monitoring 101. How surveyors can get into Monitoring as a business Model Course #10305 - 2 CEC Hours Instructors: Earl Soeder & Joe Priesner	<i>British A</i>
	Emerging Technologies Course #8664 - 2 CEC Hours Instructor: Allen Nobles, PSM	<i>British B</i>
	GNSS for the Technician Course #10304, 2 CEC Hours Instructor: Sam Hall, PSM	<i>British C</i>
10:10am - 10:30am	Morning Break (All Sessions)	<i>Champions Foyer</i>
10:30am - 12:10pm	Mid-Morning Segments Starting a Small Business in Today's Market Course #10299 - 2 CEC Hours Instructor: Dennis Ritzel, PSM & Clyde Mason, PSM	<i>British A</i>
	Best Practices in Drone Surveying Course #10306 - 2 CEC Hours Instructor: Logan Campbell	<i>British B</i>
	Is it Time to Invest in LiDAR Course #10300 - 2 CEC Hours Instructor: Sam Hall	<i>British C</i>








Conference Schedule 2022

Saturday, July 23 cont.

12:10pm – 1:30pm	Lunch (<i>On Your Own</i>)	
1:30pm - 3:00pm	Afternoon Segments	
	Tide Station Recovery and Maintenance	<i>British A</i>
	Course #10302- 2 CEC Hours Instructor: Rod Maddox	
	Digital Signatures	<i>British B</i>
	Course #8489 - 2 CEC Hours Instructor: Don Elder, PSM	
	Terrestrial & Mobile LiDAR Data Capture and Utilization	<i>British C</i>
	Course #10301 - 2 CEC Hours Instructor: Anthony Paturzo	
3:15pm – 5:00pm	Board Meeting	<i>Champions FG</i>



Event Armband & Ticket Guide

<u>Wednesday</u> -	Welcome BBQ:	Wednesday Armband	
		Yellow Drink Ticket	
<u>Thursday</u> -	Clay Shoot:	Green Armband	
	Exhibitor Reception:	Red or Green Name Badge <i>Required</i>	
	Legislative Reception:	Flag Armband	
<u>Friday</u> -	Exhibitor Luncheon:	Admit One Armband	
	Banquet - Adult:	VIP Armband	
	Banquet - Child:	Smiley Face Armband	



67th Annual FSMS Conference

Conference Registration

July 20th – July 23rd, 2022

PGA National Resort & Spa

400 Avenue of the Champions Palm Beach Gardens, FL 33418

Name _____ PSM # _____

Packet 1 – Full Registration/Best Value

Member \$340
 Licensed Non-Member \$450
 Non-licensed \$300
 (Includes one (1) Welcome Barbecue ticket (Wed.), one (1) Exhibitors' Lunch ticket (Fri.), one (1) Recognition Banquet ticket (Fri.), six (6) Saturday Seminar CECs/all course materials)

Packet 2 – Partial Registration

Member \$325
 Licensed Non-Member \$400
 Non-Licensed \$275
 (Includes one (1) Exhibitors' Lunch ticket (Fri.), one (1) Recognition Banquet ticket (Fri.), six (6) Saturday Seminar CECs/all course materials)

Packet 3 – Saturday Only

Member \$200
 Licensed Non-Member \$300
 Non-licensed \$150

(Includes six (6) Saturday Seminar CECs and all course materials)

Saturday Seminars

July 23, 2022

Course options are listed below, please mark the circle next to the course. Choose only ONE course per time segment.

6 Hour Course Option			
8:30 am – 3:00pm <i>(All day course)</i>	Course name: <input type="radio"/> Standard of Practice (6 CEC's - Course #10103) Instructor: Panel Discussion		
2 Hour Course Options			
8:30 am–10:10 am <i>(choose one from this row)</i>	Course name: <input type="radio"/> Monitoring 101. How surveyors can get into Monitoring as a business model (2 CEC – Course #10305) Instructor: Earl Soeder & Joe Priesner	Course name: <input type="radio"/> Emerging Technologies (2 CEC - Course #8664) Instructor: Allen Nobles	Course name: <input type="radio"/> GNSS for the Technician (2 CEC - Course #10304) Instructor: Sam Hall
10:30 am – 12:10 pm <i>(choose one from this row)</i>	Course name: <input type="radio"/> Starting a Small Business in Today's Market (2 CEC - Course #10299) Instructors: Dennis Ritzel & Clyde Mason	Course name: <input type="radio"/> Best Practices in Drone Surveying (2 CEC - Course #10306) Instructor: Logan Campbell	Course name: <input type="radio"/> Is it Time to Invest in LiDAR (2 CEC – Course #10300) Instructor: Sam Hall
1:30 pm – 3:00 pm <i>(choose one from this row)</i>	Course name: <input type="radio"/> Tide Station Recovery and Maintenance (2 CEC – Course#10302) Instructor: Rod Maddox	Course name: <input type="radio"/> Digital Signatures (2 CEC – Course #8489) Instructor: Don Elder	Course name: <input type="radio"/> Terrestrial & Mobile LiDAR Data Capture and Utilization (2 CEC – Course #10301) Instructor: Anthony Paturzo

Cancellation Policy:

30 days prior to conference: 50% refund
 Less than 30 days to conference: No refund



67th Annual FSMS Conference

Additional Seminar Offerings

<p>2 DAY COURSE Wednesday & Thursday Seminar (Separate Registration Required) July 20th & 21st, 2022 8:00 am – 4:30 pm</p>
<p>Fundamentals of Professional Surveying - SIT Prep Course (16 CEC's - Course #10116)</p> <p>Instructor: Stacey Lyle</p>
<p>Wednesday Seminar (Separate Registration Required) July 20, 2022 8:00 am – 3:00 pm ONLY CHOOSE ONE</p>
<p>Seminar I: Retracing Public Land Surveys and the Restoration of Lost or Obliterated Corners (6 CEC's - Course #10296) Instructor: Corwyn "Corky" Rodine</p>
<p>Seminar II: Working in the New, Modernized National Spatial Reference System 2022 (6 CEC's - Course #10297)</p> <p>Instructor: Dave Zilkoski</p>
<p>Thursday Seminar (Separate Registration Required) July 21, 2022 8:00 am – 10:30 am ONLY CHOOSE ONE</p>
<p>Seminar I: Hydrographic Surveys From Small Vessels (3 CEC's - Course #10303) Instructor: Greg Prather & Tom Whidden</p>
<p>Seminar II: Changes in Data Delivery and Data Processing in the New, Modernized NSRS in 2025 (3 CEC's - Course #10298)</p> <p>Instructor: Dave Zilkoski</p>

Complete payment information on the following page

Cancellation Policy:
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67th Annual FSMS Conference Registration Form

Name: _____ PSM#: _____ FSMS Member: YES _____ NO _____ Phone: _____

Address: _____ City/State: _____ Zip Code: _____

Email Address: _____ If Any: Guest Name(s): _____

PACKET SELECTION

Licensed Government employees receive a \$100 discount on Packet 1 price
See pg. 1 to choose Saturday Seminars

\$ Amount:

Packet 1 (\$340 member, \$450 licensed non- member, \$300 non-licensed)	Includes one (1) Welcome Barbecue ticket (Wed.), one (1) Exhibitors' Lunch ticket (Fri.), one (1) Recognition Banquet ticket (Fri.), six (6) Saturday Seminar CECs	\$
Packet 2 (\$325 member, \$400 licensed non- member, \$275 non-licensed)	Includes one (1) Exhibitors' Lunch ticket (Fri.), one (1) Recognition Banquet ticket (Fri.), six (6) Saturday Seminar CECs	\$
Packet 3 (\$200 member, \$300 licensed non- member, \$150 non-licensed)	Includes six (6) Saturday Seminar CECs	\$

ADDITIONAL SEMINARS

Only Select One Per Day

\$ Amount:

SIT Prep Course - 2 Days (Wed & Thur., 16 hrs.)	\$250	Fundamentals of Professional Surveying - SIT Prep Course/ Stacey Lyle	\$
Wednesday Seminar 1 (6 hrs.)	\$200	Retracing Public Land Surveys and the Restoration of Lost or Obliterated Corners/ Corwyn "Corky" Rodine	\$
Wednesday Seminar 2 (6 hrs.)	\$200	Working in the New, Modernized National Spatial Reference System 2022/ Dave Zilkoski	\$
Thursday Seminar 1 (3 hrs.)	\$100	Hydrographic Surveys From Small Vessels/ Greg Prather & Tom Whidden	\$
Thursday Seminar 2 (3 hrs.)	\$100	Changes in Data Delivery and Data Processing in the New, Modernized NSRS in 2025/ Dave Zilkoski	\$

EVENT TICKETS

Only Pay if Participating

Number of Tickets:

\$ Amount:

*Casino Night (Thur.):	\$50		\$
Golf Match (Wed):	\$200 per person		\$
	\$790 per team (4 players)	Players:	\$
Lion Country Safari (Thur.)	\$50 per person (Auxiliary)		\$
*Clay Shoot (Thur.):	\$175 per person		\$
	\$700 per team (4 players)	Players:	\$

FOOD TICKETS (Additional or Individual Tickets)

Individuals who bought a packet can purchase additional tickets at the lesser rate. Those that did not buy a packet pay the "At Conference" rate.

* no cancellations unless replacement found

Number of Tickets:

\$ Amount:

Welcome BBQ (Wed.):	\$50		\$
	\$60 (at conference)		\$
*Legislative Reception (Thur.):	\$100		\$
Exhibitors' Lunch (Fri.):	\$50		\$
	\$60 (at conference)		\$
Recognition Banquet (Fri.):	\$90		\$
	\$100 (at conference)		\$
	\$25 (kid's meal 12 or under)		\$
	Requested Vegetarian Meal		

Payment must accompany all pages of registration form.

TOTAL ENCLOSED \$ _____

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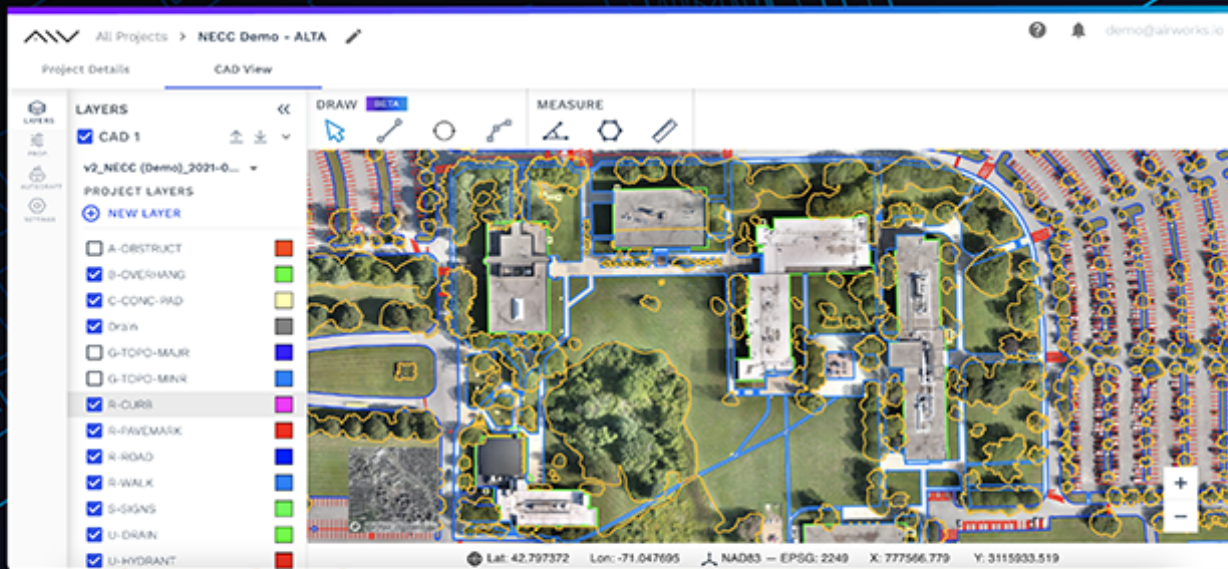


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Fig. 25 N. 2.

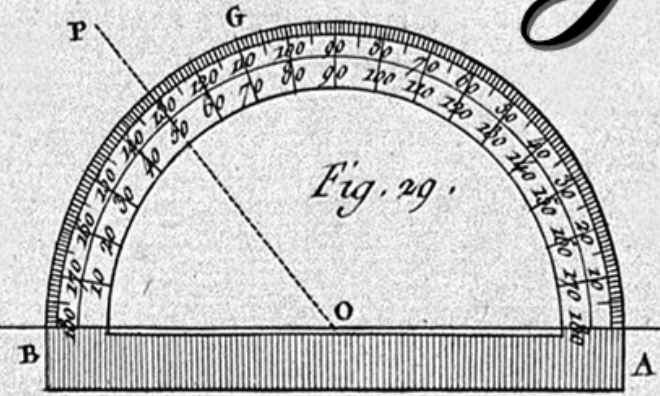


Fig. 29.



Fig. 16.

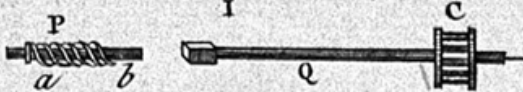
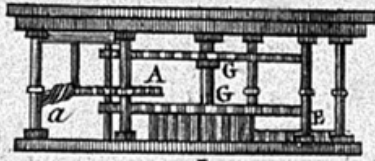


Fig. 23.

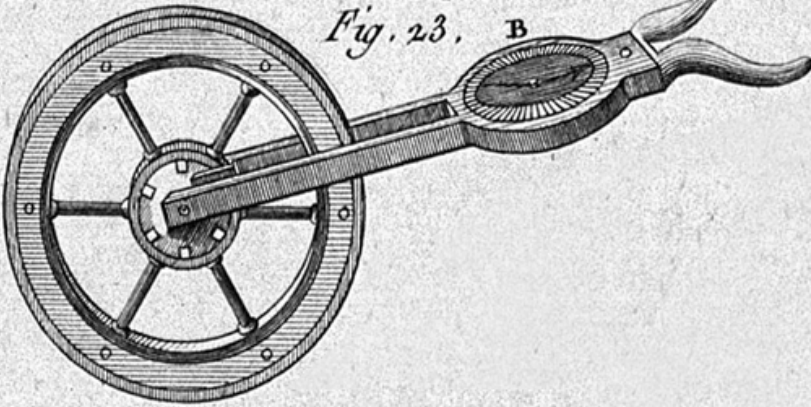


Fig. 16.

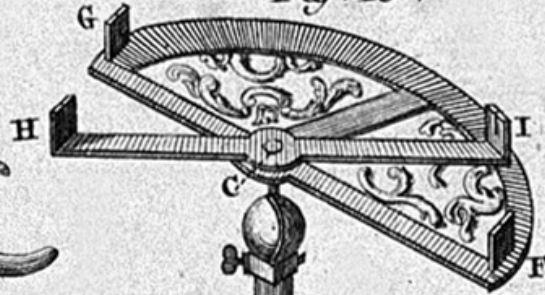
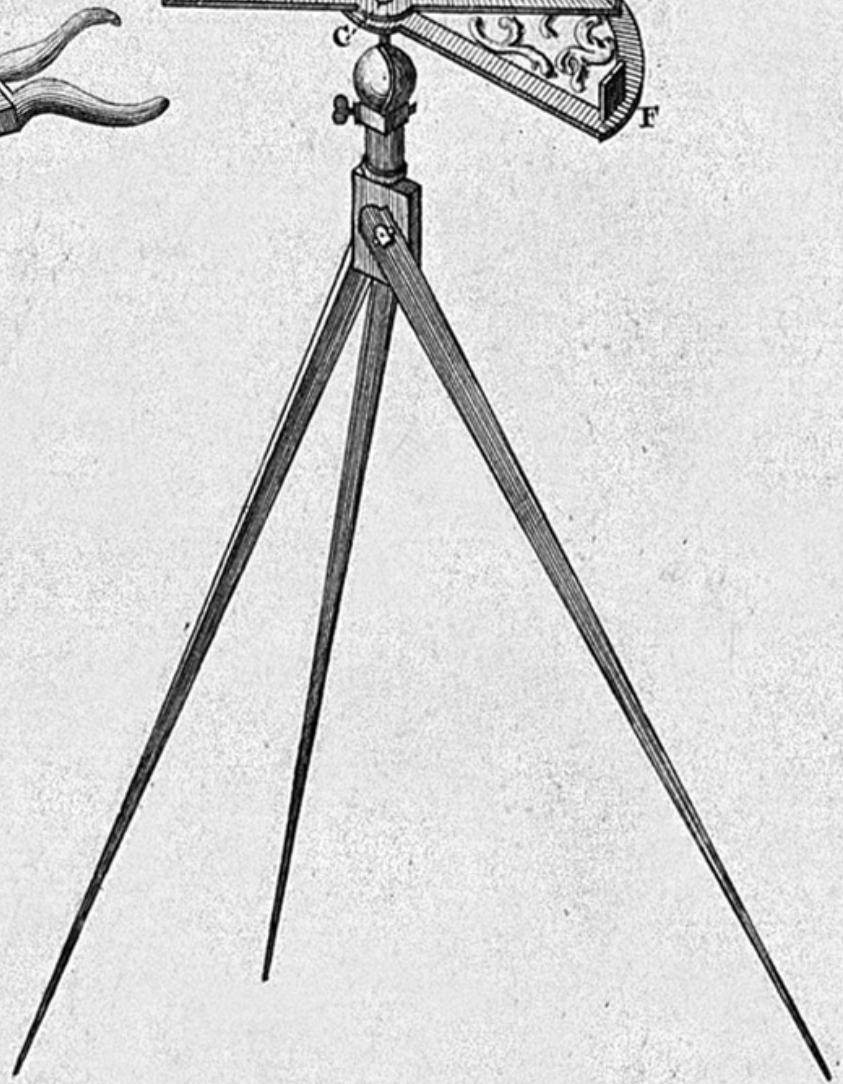
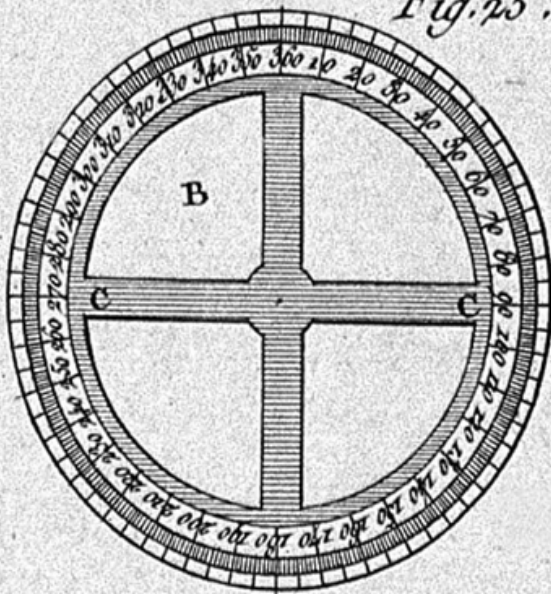


Fig. 25.



FLORIDA SOCIETY OF PROFESSIONAL LAND SURVEYORS

SPANISH LAND GRANTS

by

W.R. Kidd, Director

Trustees of the Internal Improvement Fund

October 23, 1964

It is not my purpose here today to insult the intelligence of this group in attempting to tell you how to do surveying work or expound on the history of government land surveying here in Florida. However, I do believe that it would be of interest to you for me to discuss the Spanish Archives which are now the responsibility of the Trustees of the Internal Improvement Fund, together with all of the original government surveys, plats and related data.

It is nothing short of miraculous that these records have survived the great abuse to which they have been subjected. In dealing with this subject, I must confess that I have used a great deal of material from the document "Spanish Land Grants In Florida," which was prepared in 1941 by the Historical Records survey under the State Library Board.

Archives in Tallahassee consist of dossiers containing the papers filed in evidence before the United States Boards of Commissioners: books or record containing the minutes of the Boards; transcripts of original papers and translations of some of the transcripts: maps, plats and surveys: and a large file of untranslated Spanish documents of a miscellaneous character labeled "Spanish Protocols 1804-19," consisting of wills,

deeds, titles, testimony, and bills of sale. Many documents for claims in West Florida are unaccountably missing, and contain only a survey and a certificate from the Tallahassee Land Office for a patent.

Each separate land claim with its supporting documents is encased in a manila jacket on the outside of which appear the name of the claimant, his number within the letter of the alphabet in which his name belongs, the number of acres claimed, disposition of the claim, and page reference to American State Papers.

Documents within a jacket form a dossier of 1 piece to as many as 81 pieces. The number of documents is especially large if the claim has been through the superior court of East or West Florida, to the Supreme Court of the United States and by it remanded to the court of origin.

A dossier may, therefore contain: (1) a petition, or memorial to a governor for land; (2) the governor's order for information concerning the petitioner; (3) a list of members of the family and slaves, with their ages; (4) a certificate of service from the petitioner's former captain; (5) a grant by a governor, by the intendant of the army, or by the captain-general

of Cuba and the Two Floridas, or, if an English grant, by a governor of East or West Florida or the British Privy Council; (6) attest of the government secretary or of the Havana College of Notaries, or, if an English grant, the attest of the recorder in West Florida or of David Yeats (recorder) in East Florida; (7) attest by the United States Trade Commissioner in Havana of copies of documents in Cuban archives required by the United States Boards of Commissioners if the grant was made by a Spanish official in Cuba, or attest by the United States Minister to Great Britain if the grant was made by the Council during the British occupation; (8) fiat of the English governor and attorney general in Florida; (9) warrant or precept or order of survey; (10) signed plats or unfinished plats, unsigned and without date, (11) testimony that conditions of the grant were or were not fulfilled, (12) lease and release, under the English law, by which property was sometimes leased one day for so many shillings a year and sold to the same party the following day for so many pounds sterling "and one peppercorn when legally demanded;" (13) instructions to notaries at a distance for taking testimony of witnesses, (14) affidavit of character and tenure, (15) deeds of sale, gifts, wills, bequests, exchanges, (16) reports on auctions of land; (17) formal application to the United States Boards of Commissioners for recognition of the claim and the decree of the commissioners, or proceedings of United States courts, (18) translations and copies of documents from Spanish archives in the United States or in Cuba.

American court papers within a dossier are

bound together with tape, a clip, narrow ribbon, or pins. The pieces in a large Spanish dossier are usually stitched with linen thread; in the smaller ones they are pasted together or attached by seals.

The documents described are filed in steel cabinets in the vault of the Field Notes Division of the Trustees of the Internal Improvement Fund, in the Elliot Building at Tallahassee, where they are well protected from dust, vermin and fire. They have not always been so protected. Due to the ravages of vermin, highly acidic ink, and much handling and undesirable methods of filing in the past, they are exceedingly fragile and some are undecipherable.

The path of the Spanish land grant archives in reaching a permanent home in Tallahassee was a devious one. The second article of the treaty of February 22, 1819, providing for the annexation of Florida to the United States, required that the archives and documents relating directly to the property and sovereignty of that territory be left in possession of officials of the United States. Two years prior to Spain's relinquishment of the Floridas, a large number of such records were removed to Havana. Even after the transfer Spanish officials continued to remove documents contrary to the provisions of the treaty until prohibited from doing so by officials of the United States. A determined effort was made by the United States Department of State to have these papers returned. Six agents—Colonel James Grant Forbes, Captain James Riddle, Judge Thomas Randall, Honorable

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Daniel P. Cook, General R. K. Call, and Jeremy Robinson—were sent to Havana over a period extending from 1821 to 1834 in special missions for this purpose. But each agent was prevented from achieving results by delays and corrupt practices on the part of Spanish officials and American land interests. Finally, a total of 45 documents were returned, but they proved to be almost worthless.

The following account of the early history of the documents in East Florida was given by Antonio Alvarez in testimony in a suit in the superior court of East Florida in 1833: The archives were forcibly taken from the Spanish secretary's office in St. Augustine by American authority at the time of the cession and were stored at the old customs house. A commission of five, appointed to examine them and select those claimed by the United States under the treaty, made a list of the bundles but did not inventory the papers. Three of the members of the commission were (Patrick?) Lynch, William Reynolds, and Anthelm Gay. They stored the papers in an office "in the lower part of a building now occupied as a court house," where they were cared for by (Edmund?) Law, (Lawyer and Notary).

The papers next went to (James S.?) Tingle, (later Clerk of the Circuit Court?), and in 1823 to William Reynolds, who the previous year was appointed Keeper of the Public Archives by the Governor and the legislature meeting in Pensacola. Some of the papers while in the possession of Reynolds were delivered to Dr. (Edward R.) Gibson and Dr. (W. H.) Simmons. From Reynolds the papers passed to

(Thomas?) Murphy, and were delivered to Alvarez himself in 1829 (as Keeper of the Public Archives) in boxes by the U.S. marshal. Alvarez also received an inventory made by Reynolds himself. Alvarez seems to have been mistaken with reference to the role of the state in the appointment of keepers. In 1822 the Territorial Council passed an Act creating the offices of Keepers of the Public Archives, appointments to be made by the governor. On July 3, 1823, the Act was amended. On January 1, 1825, when there was a blanket repeal of a number of territorial laws, the Act of 1822 was continued in force, but on November 23, 1828, it was repealed. On the other hand, the records show that on April 5, 1823, William Reynolds was notified by the U.S. Secretary of State of his appointment as commissioner to have charge of the archives of East Florida, with Antonio Alvarez as assistant. By Presidential Appointment these two were superseded the next year by Edward R. Gibson and W.H. Simmons, also appointed by the President.

On March 3, 1825, Congress created the offices of Keepers of the Public Archives, to be located in St. Augustine and Pensacola. To the East Florida office William Reynolds was restored by Presidential Appointment, with Antonio Alvarez again as his assistant. In 1826 Alvarez was appointed Keeper and held the office until it was abolished in 1848.

Those archives for West Florida which had not been sent to Havana were taken in charge by General Andrew Jackson at the time of the exchange of flags and were for

some time handled in much the same way as the East Florida documents. Whether or not Joseph E. Caro filled the office in Pensacola from the beginning, he was Keeper of the Public Archives in 1827 and seems to have held the office as a Federal appointee until it was abolished. He was then appointed by the State.

Certified copies of the Spanish documents and sometimes the originals were used by the Boards of Commissioners and with other papers were by law turned over to the respective Keepers when the Boards and their successors, the Registers and Receivers, had completed the work of adjudicating land claims.

In 1844, Congress raised the question of dispensing with the offices of Keepers of the Public Archives in Florida and transferring the records to the office of the Commissioner of the General Land Office or to some public office in the Territory of Florida. The committee on public lands reported adversely and the resolution was tabled. Four years later, however, in a deficiency appropriation, the offices were abolished, and on October 16, 1848, the Secretary of the Treasury, through the Commissioner of the General Land Office, instructed Antonio Alvarez and Joseph E. Caro, Keepers for East and West Florida respectively, to make schedules in duplicate of the archives in



Approved Plat by Surveyor-General B.A. Putnam in 1849.

their possession and deliver each one of the schedules and the archives to Robert Butler, United States Surveyor-General for Florida, whose office was in St. Augustine, retaining one schedule signed by the Surveyor-General as a receipt.

Neither of the late Keepers complied and on May 7, 1849, Commissioner Young of the General Land Office instructed Benjamin A. Putnam, who had succeeded Butler, to demand the archives for East Florida from Alvarez. As for the West Florida archives, the Commissioner stated that he would instruct the clerk of the United States District Court at Pensacola to demand and receive them from Caro and hold them at Pensacola until either the Surveyor-General should be ordered by the Department of the Interior, which now had charge of the matter, to take

possession of them or until some other disposition should be made under the fifth section of the Act of Congress on March 3, 1849. This Act, making appropriations for the civil and diplomatic expenses of the government, directed, "That whenever it shall be shown to the President of the United States that the State of Florida has by law provided for the safe custody of the public archives, which were formerly kept at St. Augustine and Pensacola, it shall be lawful for him to cause to be delivered to duly authorized officers of the State, such of the archives as do not relate to grants of land which remain unconfirmed or unsurveyed, provided that the President of the United States may suspend the execution of this provision, if in his judgment the public interest requires it."

The difference in the disposition proposed at this time by the Commissioner for the East Florida archives and those in West Florida was probably due in part to the fact that the former were in a "safe building, the property of the government," as stated by the Commissioner in his letter of October 16, 1848, which building in all probability was a Government House, where the Board of Commissioners had held its sessions. The Commissioner authorized that the office of the archives should, after the delivery, be considered a part of the Surveyor-General's office.

Another and probably a stronger reason for not insisting upon bringing the West Florida archives to St. Augustine as at first proposed was the evident opposition of state authorities to the plan. On January



General Andrew Jackson oversees the transfer of Florida in 1821.
Courtesy of: *Orange County Regional History Center.*

11, 1849, the Florida legislature provided by law for offices for the Spanish Archives at St. Augustine and Pensacola, the Governor and Senate to appoint the Keepers for a term of two years. As soon as Congress should provide for transferring to the state the Spanish records and documents "which are now, or which have been, in the office of the Keepers of the public archives in the said cities of St. Augustine and Pensacola," the Keepers to be appointed under State law were "to ask for, demand and receive from the United States the records...which now are or have been in the office" in East and West Florida.

On January 15, 1849, Joseph E. Caro was commissioned Keeper of the West Florida Spanish Archives by the state for a term of two years. An act of the legislature in 1861 authorized Filo E. de la Rúa, Clerk of the Circuit Court of Escambia County, "to hold, exercise and perform the duties of the office of Keeper of the Spanish Archives at the City of Pensacola, to which said office he has heretofore been appointed by the Governor and General Assembly of this State."

In Ordinance Number 20 the Secession Convention on January 1, 1861, abolished certain Federal offices and ordained "that the Surveyor-General of the late Federal Government be instructed to deliver over to the register of Public Lands at St. Augustine all the papers and property appertaining to said office,..." After the war, the Constitutional Convention on October 28, 1865, repealed the ordinances of the Secession Convention, including the one mentioned above.

According to instructions of Federal authority, the archives for East Florida were delivered by Alvarez to the Surveyor-General in St. Augustine on June 5, 1849, and on June 7, 1849, the Surveyor-General reported the matter to Commissioner Young, stating that in accord with instructions he had had the files and furniture which belonged to Alvarez appraised. A requisition for \$122 was issued in favor of Alvarez by the Commissioner.

On June 22, 1869, Joseph S. Wilson, Commissioner for the General Land Office, Washington, instructed M.L. Stearns of Quincy, Florida, newly appointed Surveyor-General for the State, to remove to Tallahassee the Surveyor-General's office then at St. Augustine, "the location of the office prior to the commencement of our late domestic difficulties in 1861." Seven days later the Surveyor-General reported that he had arrived in Tallahassee on the 27th in his official capacity. Instructed to obtain from U.S. District Attorney H. Bisbee, Jr., the Spanish archives stored in St. Augustine, Stearns learned that H. Bisbee had never had them in his possession and had no knowledge of them. Stearns found them in the custody of J. H. Goss, Collector of Customs, Port of St. Augustine, who turned them over to him. There were seven large boxes but no invoice.

In 1907, when the Federal Government made known its intention to abolish the office of Surveyor-General, a state law directed the Commissioner of Agriculture to take charge of all field notes, surveys, maps, plats, papers and records, a part

of which were those pertaining to Spanish land grants, and created the Field Notes Division as a depository.

The importance of these documents, aside from their historical value, is immense. Even at this stage of our history we have cause to refer back to these records in order to clarify some complication relative to land titles. No specific set of rules can be applied to these grants because over the two Spanish occupations and the intervening British occupation no explicit directives were issued covering the entire span of time, and in rare instances where the surveyor was instructed, he would in many cases proceed on his own initiative. The Crown, being the Sovereign Ruler,

was bound by no laws or restrictions and could make a grant of land for a specific purpose or by royal whim.

Time does not permit me to go into greater detail on the various types of grants from the Kings of England and Spain and the multitude of complications when these claims were processed by the Claims Commission. Suffice to say that by a series of fortunate circumstances the basic material has in most instances survived the test of time. ■



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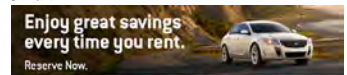


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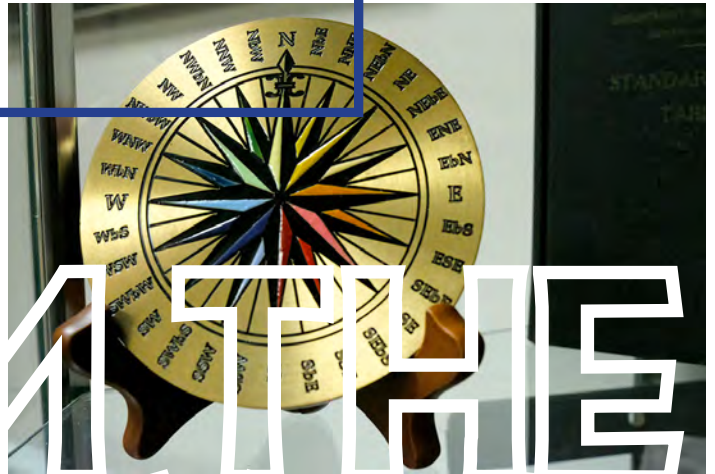
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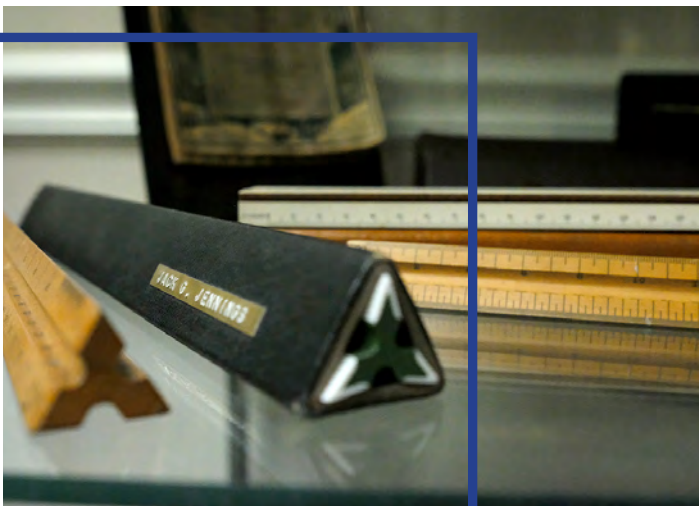
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FROM THE ARCHIVES



Technical Obsolescence

—A Surveyor's Dilemma

By WALTER G. ROBILLARD

IN the past decade the individual surveyor has been plagued by the awesome possibility of technical obsolescence. Many like to think of the computer as the turning point, but many things seemed to occur “all at once.” It is a study in itself to determine how the 1950-vintage surveyor grows, or even exists, in this revolutionary world of electronic distance meters (EDM'S), north-seeking gyroscopes, lasers, and orthophoto maps.

Technical obsolescence not only occurs in the physical aspects of an individual and the specific “tools of the trade,” but it all too often occurs in the mental attitudes of the individual towards the accomplishment of his job.

Obsolescence literally means getting old or out of date—outmoded—a kind of style no longer current. This is exhibited at each birthday as one more candle is added to the cake, one more inch to the waistline, or one less hair to the head. Personally, we can do nothing about the candle, we can jog to take care of the waist and can use a washcloth to comb the hair, while we wonder what happened to the old stick shift or the narrow necktie.

Webster defines *technical* as “having special use, practical knowledge of a mechanical or a scientific subject, marked by or characteristic of specialization.” This is certainly characteristic of any organization or profession, such as surveying.

Using the combination of the two words, *technical obsolescence* can be envisioned as transcending both the individual surveyor and his equipment; or, if viewed from a different perspective, it can be technical obsolescence of the mind and of matter. The one—*matter*—can be solved easily by money; the other—*the mind*—is a more difficult area for solution.

As the individual is analyzed today, we find the surveying profession manned or staffed by two diametrically opposite types: the college-trained surveyor-engineer (the other professions, i.e., forestry, geographies, etc., are not excluded) and the registered, practical surveyor of limited education and abundant experience. Both of these types are equally affected, for technical obsolescence is a result of the attitude of the individual as it is shaped by his background, education, and experience.

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The first step in solving a problem is to recognize it. The first symptom is one of inability to ingest a portion of the technical and peripheral matter that is written each year. Annually over 100,000 articles, pamphlets, technical releases, theses, brochures, studies, etc., come in a constant stream. The printed word is profuse. The simple task of daily reading is one of critical selection or separation and is time consuming. As a result of being selective, the individual becomes more and more myopic in his attitudes and planning.

Like the “early bird” waiting for his worm—in six feet of snow—we have a habit of waiting for research or equipment to solve our problems. This can include anything from being able to operate within the limits of our abilities to waiting for computers to make decisions.

First, the functional limits of an individual increases as he gains new knowledge, and the computers don't—or can't—think, people do. People solve problems, computers don't. Research and computers generate ideas in a form that usually is not usable to the average surveyor. The individual must take each idea and then must “plug” it into *his* system, nurture it, feed it and then, when it is hatched, relate it to his problem.

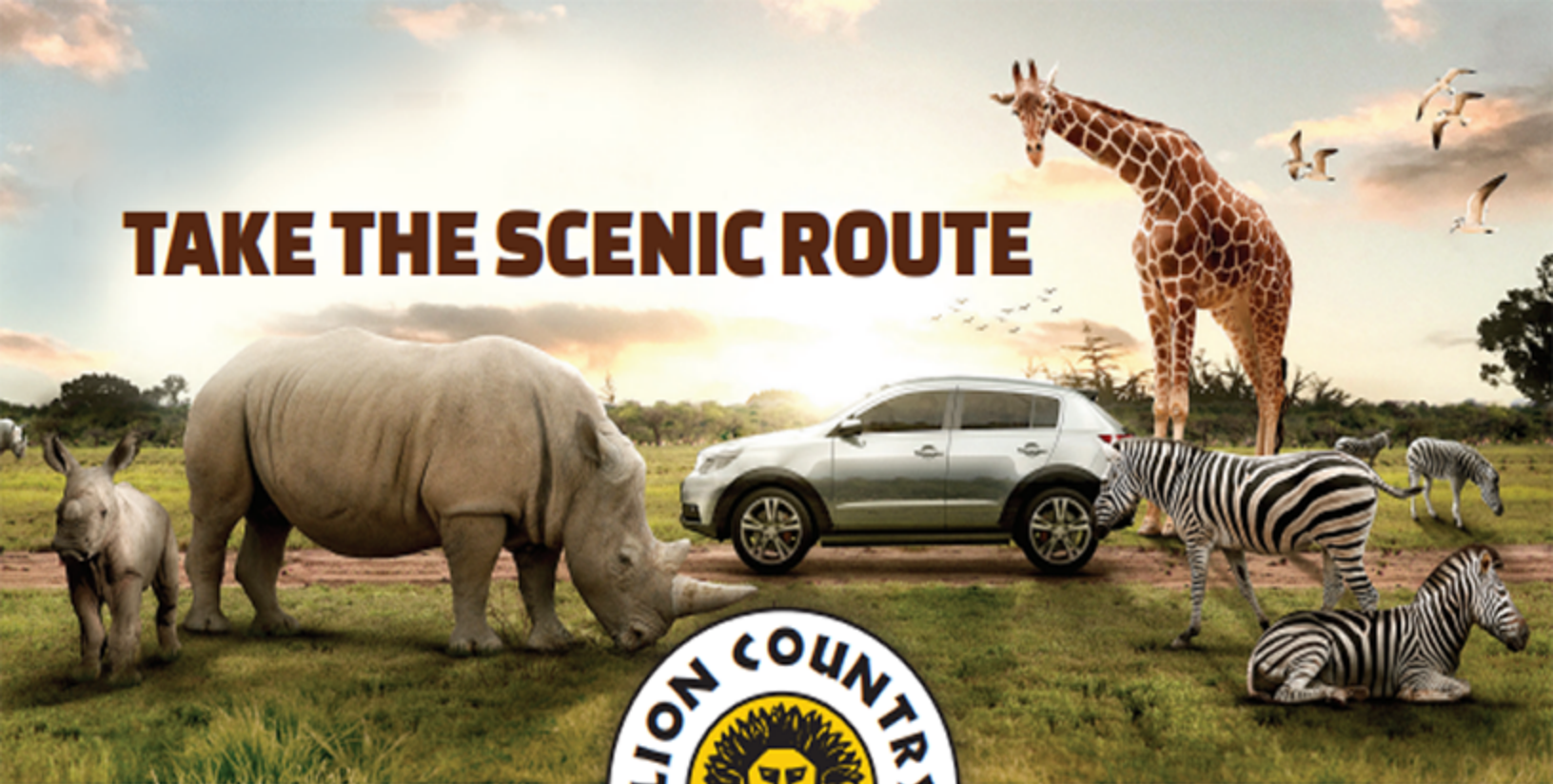
Obsolescence has us surrounded and, as a result, has limited our acceptance by other professions—we have not made the “big leagues.” Each individual surveyor prides himself on his number of years in the practice, and, as a result,

has become more knowledgeable and proficient in a specific specialty. Yet surveying encompasses a vast and broad spectrum as witnessed by the 100,000 articles mentioned, most of which hold absolutely no interest to the surveyor. The statement heard at annual meetings: “It was fine, but there weren't enough talks about remonumentation” (or whatever you desire). The individual has a moral responsibility, not only to himself but to the profession, to sample and to read the trends—the fads, the “kooks”—in order to maintain at least a knowledgeable acquaintance with the present and to sever the hold that the past has upon him. The major cause of this technical obsolescence in the individual is directly attributable to a lack of curiosity and specialization to such a degree that to assimilate any new ideas requires too much energy.

How can the problem be combated? The first is by the individual. To keep physically strong requires exercise. Then to remain mentally agile, mental gymnastics are required.

Personal reading in all fields will keep the mind young; this includes the fields of education. How can a surveyor remain competent in all of the subjects and phases of his profession? He can't. None of us have sufficient time to achieve a true competence in all of the phases of our profession. Thus, we must then recognize that perhaps our obsolescence is a failure to recognize each other's talents. Each must realize that someone has developed a competence from which the rest of us can learn. To do this will

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TECHNICAL OBSOLESCENCE—A SURVEYOR'S DILEMMA

require a curiosity about our fellow professionals and our neighbors. Those companies that inbreed and build a morale where they convince themselves and their employees “That we are the best and the greatest” are earmarked for obsolescence. The danger lies in believing that no one else has anything of value to offer. The solution is simple: Get to know your fellow surveyors and neighbors while conversing and exchange information, pick up new ideas, and expand your knowledge. The greatest and most fertile ear of corn resulted from cross-pollination.

Contact with educational institutions in the form of research and short courses are methods of this “cross-pollination.” There are not enough days in the year to hold down a job as well as to attend *all* of the meetings, seminars, and symposia that are held. It is entirely possible to stay perpetually on the expense account—running from meeting to meeting.

The problem of personal technical obsolescence cannot be separated from our past, present, or future (continuing) education. Basically we are looking for a product to sell. The product this time is the increased value to yourself, your profession—and even your country—over your cost of existence. The difference of cost to value is profit, but profit of ideas or return.

The technical obsolescence of the tools of our trade is relatively new to

most. Prior to the mid-1950s, most were complacent to use the 1-minute transit and 100-foot tape. These two items represented a major investment for some, but still they accomplished the job at hand. A simple matter of economics prohibited many surveyors from indulging in self-leveling levels or EDM equipment. But, as technical demands increased relative to services performed, small firms were unable to keep the pace and were forced into the purchase of new equipment—at times, at a drastic financial hardship.

To witness the dynamic nature of the industry today, many of us span the gap—we remember the gradual change of the carpet sweeper to the vacuum cleaner, and the ice box to the refrigerator. We could accept these because, when once purchased, each served the needs, and would be kept until old age or children made them inoperable. This was the condition with the equipment we used. Many are still tied to the World War II impression of the bomber crew who trained, fought and, at times, died as a complete unit with the olive-drab plane, affectionately labeled “The Blonde from Boston” and appropriately represented by a nude buxom girl painted on its side.

Today, housewives change vacuum cleaners to get one that disperses room freshener as it cleans, or changes refrigerators to suit the color of the kitchen, and the bomber crew is a team of men individually trained and individually assigned to each mission—each time in

a different plane—to meet the technical needs of the operation.

No longer can we look upon the new equipment that is purchased as we looked upon the old brass transit that Grandpa used. Equipment is for one purpose: to accomplish the job. To use, but not abuse. With the rapid introduction of equipment today, no sooner has it been purchased than it is obsolete—design-wise. We must realize that equipment does not wear out; it becomes obsolete. However, a piece of equipment that is obsolete for one surveyor means an upgrading for the second.

In analyzing obsolescence of equipment, the job at hand is of major importance. The equipment needed should be determined by the job to be accomplished and not by sales pressure or personal whim. Recently a surveyor in North Carolina purchased a north-pointing gyro theodolite system to isolate a “bust” in the survey of a cross-country transmission line. The “bust” was located. Did the gyro then become obsolete? No! The new equipment generated more work. As equipment is added to a crew, new and more effective uses will be developed that were never anticipated at the time of purchase.

The Model 4 Geodimeter is more precise than the H-P 3800, but it has been replaced in many instances, because it required a pickup truck and four men to carry, but it still works and is still reliable.

On the other hand, the Model 4 may be a major upgrading for the small single-crew firm which was unable to justify the cost of a new EDM and which still relied upon the chain tape.

This is exhibited equally well in the field of computers. By the time a computer is installed and the operator trained, a new model comes out—one that is faster, more versatile and, at times, less expensive than the original. These modern changes must be accepted as part of the normal routine plans for any project. Two questions arise: whether to buy and when to change.

There is no general rule that can be used to determine if or not to buy. But, if the surveyor considers his equipment as an individual and if he needs to put one more man on the payroll, he can afford a piece of equipment. This piece of equipment can be considered then as a replaceable individual when it ceases to produce. The idea originated in the late 1940s and early 1950s in the logging industry. When an individual crew, after working piece work, decided to purchase a new power saw, it became part of the crew and was paid as a crew member. It became obsolete when it failed to produce its share and was then replaced.

The era of sentimental attachments to equipment is gone; perhaps it should never have been. Like the fire horse who served faithfully and efficiently, a transit, when it became obsolete, should have been “turned to pasture,” but because Grandpa

TECHNICAL OBSOLESCENCE—A SURVEYOR'S DILEMMA

used it we still believed it could do the job. Obsolescence in equipment should be planned for in a functional office, because it is with us and will continue to be.

We cannot complete our primary job of surveying in remote offices, far from the fields of mud, flies, chiggers, snakes, poison ivy, and irate landowners. It is the field crews who usually come into contact with the public and it is here in the field that the “image” of the profession is formed.

We should take pride in the fact that as a profession we can recognize the symptoms of *technical obsolescence* and that we can muster the knowledge and the desire

to meet this challenge before we become extinct like the wheelwright or harness maker.

Obsolescence is really not of a great magnitude in our profession generally, but, rather it is one of a personal nature. Each individual has the responsibility of determining his own placement within the profession and whether he is exhibiting the symptoms that could foretell professional disaster. ■



FSMS - Manasota Chapter 4th Annual Orange Crush Classic Sporting Clays Fundraiser

-May 21, 2022 -
Sarasota Trap, Skeet and Clays
8:00 am - 1:00 pm

for more info contact
georgemcgahran@gmail.com

Past

Presidents

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. Whitling
Robert W. Jackson, Jr.
Pablo Ferrari
Steve Stinson

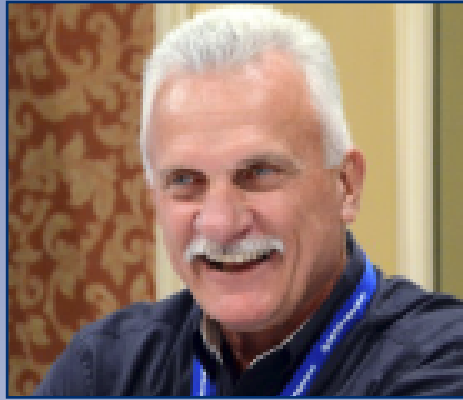
2010

Dan Ferrans
Jeremiah Slaymaker
Ken Glass
Russell Hyatt
Bill Rowe
Dale Bradshaw
Lou Campanile, Jr.
Bob Strayer, Jr.
Dianne Collins

2020

Don Elder
Hal Peters

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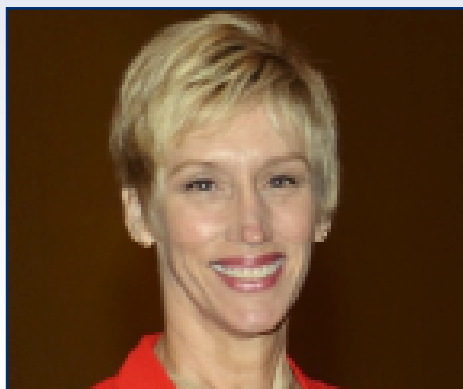
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