

VOLUME XXIX, NUMBER 9

September 2017

California Capitol Report

Dangerous new bills as legislative session ends

By John Norwood

John Norwood is president of The California Pool and Spa Association (formerly SPEC).

The California Legislature just returned from its month long summer recess, and as they say, "No man's life, liberty or property are safe while the legislature are in session!"

On that note, new draft amendments were just circulated to existing bills that would provide language and authority for the Governor's New Water Plan, Making Conservation a Way of Life in California. The amendments covered 42 pages of new language that will be amended into 3 bills that are currently in the Appropriations Committee of both houses. This means that once amended these bills will not be reviewed by their respective policy committees.

Why do we care? For the first time, language was contained in these amendments requiring provisions for swimming pools and spas and other water features. At this point we are not entirely certain what this means. Among other



things, these bills will provide the authority for urban water purveyors to establish water quotas for every resident and business in their service area. This includes an outdoor water quota for residential homes. Up until the now, under the Governor's proposal, those quotas were to be based on the Model Water Efficient Landscape Ordinance (MWELO).

CPSA has numerous problems with this approach, not the least of which is that the MWELO treat swimming pools as high water users just like turf, and does not provide any credits for the amount of land that swimming pools and spas and their associated hardscape remove from ever needing irrigation. Additionally, it does not provide credits for pool covers or other water conservation measures such as reverse osmosis, or even the use of recycled water. All of this threatens the future of the

Continued on page 8



Attention IPSSA Chapters and Members:

Our Intermediate Training Manual – Water Chemistry is currently being revised. For a limited time, chapters and members can request the current edition for free (no limit) as long as you pay shipping. The books may also be picked up for free at our Los Alamitos address (just call in advance).



Region 11 supports Team Kareem

By Derric Raymond

Derric Raymond is the Region 11 Director.
In June, Region 11 supported a drowning prevention event for Team Kareem in Kissimmee, Florida. In

conjunction with the IPSSA Swim Fund, the region donated swim lessons. It was the first time the Region had been involved. It was a great turnout and the Region hopes to continue support for this annual event.

DON OU DON OU DATED MATERIAL

Things to do in September

- ➤ Clean salt systems and other specialty units
 - ➤ Filter maintenance
 - **➤** Heater maintenance
 - **➤** Education at Pool Industry Expo

DO NOT HOLD

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THE IPSSAN

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Richard Chaney wins the July Education Corner quiz

Richard Chaney, a member of the Sacramento City chapter, was selected randomly among all of the correct entries for the July Education Corner Quiz and will receive an IPSSA shoulder bag & backpack. All correct entries submitted during 2017 are eligible for a big drawing at the end of the year for more IPSSA logo items.

The correct answers for the July quiz are 1. The 5 major parameters involved with water balance are: pH, alkalinity, temperature, TDS and A. Calcium hardness B. Cyanuric acid C. Iron and copper D. Magnesium, the correct answer is a) calcium hardness. 2. ORP is short for: A. Oxidation Reaction Potential B. Oxidation Reduction Potential C. Oxidizer-Reducer Potential D. Oxygen Reducible Particles, the correct answer is b) Oxidation Reduction Potential. 3. Sodium dichlor is the only chlorine compound that has almost no effect on

orne

the pH and total alkalinity of the water. A. True B. False, *the correct* mately: A. 350 sq.ft. B. 400 sq.ft. answer is a) true. 4. The surface C. 100 sq.yd. D. 450 sq.ft., the

diameter of 24 feet is approxiarea of a circular pool with a correct answer is d) 450 sq.ft.

Calendar of Events

Sept. 12-13 **Construction 281 – Major Renovations** Zodiac Pool Systems, Inc., Vista, CA

www.nspf.org/construction-281-major-renovation-registration

Pool Industry Expo Sept. 28-30

Monterey Conference Center, Monterey, CA www.poolindustryexpo.com

Oct. 25 **Tropical Pool Show**

Broward County Convention Center, Ft. Lauderdale, FL

www.tropicalpoolshow.com

Oct. 28 **IPSSA Board of Regional Directors Meeting**

Embassy Suites Riverfront Promenade,

Sacramento, CA 11am info@ipssa.com

Oct. 29 – Nov. 3 International Pool Spa Patio Expo

Orange County Convention Center, Orlando, FL

www.poolspapatio.com

Jan. 17-20, 2018 Southwest Pool & Spa Show

George R. Brown Convention Center, Houston TX www.swpsshow.com

Feb. 1-3, 2018 **Desert Pool & Spa Show**

Phoenix Convention Center, Phoenix, AZ

www.dps-show.com

Feb. 9-10, 2018 IPSSA Leadership Weekend

Wyndham Anaheim Garden Grove, Garden Grove, CA

info@ipssa.com

Feb. 21, 2018 **Inland Empire Pool Expo**

University of Redlands Orton Hall, Redlands, CA www.inlandempirepoolexpo.com

WELCOME NEW MEMBERS!

REGION 1 - East Bay: James Taylor... REGION 2 -Conejo Valley: Douglas DeZotell, Toby Keil... Visalia: Kevin Correa, Jason Gaffney... REGION 5 - OCPP: Michael Gary... **REGION 9 – Clearlake:** Wilton Yates... **REGION 10 – Monterey Coast:** David Boggs... **REGION** 11 - Osceola: Nomar Conde... Gold Coast: Reinaldo Ball, Joseph Hammer, Joseph Wilson Jr... Sarasota: U. Marc Bednarzik, Dustin Mulac, Joe Straight, Troy Von Blankenburg... Affiliate: John Blackstone.

IPSSA Members:

If you are having issues logging into your account on the IPSSA website/portal, please contact Elizabeth in the IPSSA Financial Office at 888-391-6012 or at liz@cramercpa.com and she can assist you.

Financial office thanks chapters with prompt payments

The Financial Office thanks the following 50 chapters, whose members all paid promptly in August before second notices were required:

Region 1 – East Bay, East Contra Costa, El Dorado, Gold Country, Sacramento City, West Placer

Region 2 – Central Coast

Region 3 – Diamond Bar, Foothill

Region 4 – East Long Beach, South Bay, Westside, Whittier

Region 5 – Anaheim, Central Orange County, Dana Point, North Orange County, OCPP, Orange Coast, Orange County #9, Saddleback, Surf City, Tustin/Irvine

Region 6 – Corona, Hemet, Palm Springs, Redlands

Region 7 – Carlsbad, Rancho Del Mar, San Diego Metro

Region 8 – East Valley, Henderson, North Phoenix, Northwest Las Vegas, Scottsdale, Tucson, West Valley

Region 9 – Hill Country, North Austin, West Houston Region 10 - Fremont, Monterey Coast, Redwood Empire, Silicon

Region 11 - Manasota, North Georgia, Port Charlotte, Sarasota, Treasure Coast

Region 12 – Dallas

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Editorial Content: The editorial contents of this publication are educational and informational in

* WIN * IPSSA Logo

Education

All members who mail an entry with the correct answers will become eligible for a drawing at the end of the month for IPSSA logo gear. All correct entries will go into a year-end drawing for other IPSSA merchandise. IPSSA members are the only eligible participants and only one entry per month is permitted. Each month, the winner of the drawing will be published in The IPSSAN. Entries for this month must be received by OCTOBER 20, 2017.

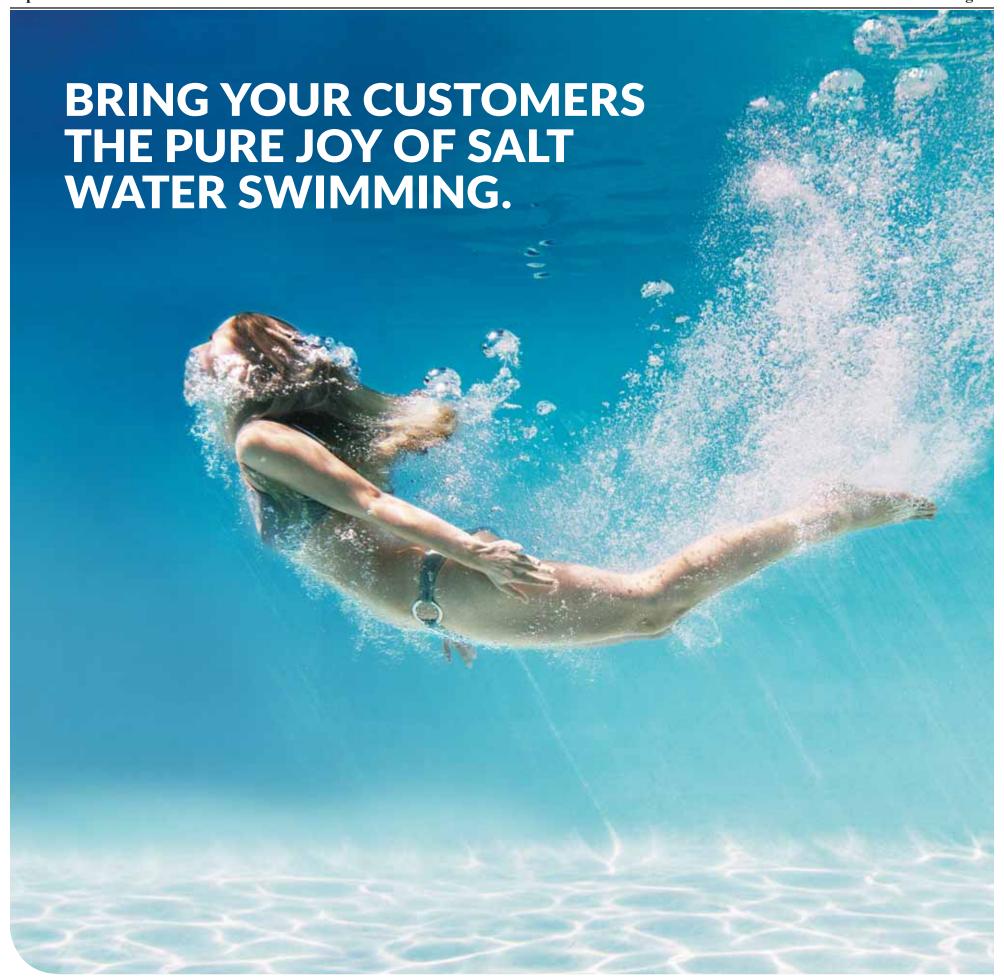
- 1. OTO (ortho-tolidine) reagent is cancer causing according to NIOSH and OSHA.
 - A. True
 - B. False
- 2. Water covers 75 percent of the earth, 97 percent is salt water and 3 percent is fresh water.
 - A. True
 - В. False
- 3. The goal of "perfectly balanced water" is to have a Saturation Index of 0.00
 - Α. True
 - B. False
- 4. The most commonly used sanitizer and disinfectant in the swimming pool and hot tub industry is chlorine.
 - A. True
 - B. False

Name		
Address		
City		Zip
Telephone Number ()		
Chapter		
Correct Answers: 1 2	3	4

(Please indicate A, B, C, or D for each answer.) Mail Entry to:

IPSSA Quiz, 10842 Noel Street, #107, Los Alamitos, CA 90720 Or Fax to: (888) 368-0432

Entries for this month must be received by OCTOBER 20, 2017.



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Hey Ray!

Answers to recent questions asked to IPSSA's insurance broker

Ray Arouesty is Senior Vice President of Arrow Insurance/ HUB International and IPSSA's endorsed insurance provider. He

Ray Arouesty is Senior Vice can be reached at (800)833-3433 or esident of Arrow Insurance/ ray@arrowinsuranceservice.com

Hey Ray:

My customer wants me to drain

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and re-fill their pool. A neighbor's home is on a natural spring and water is coming up thru the sewer lines and from underneath the foundation. I'm concerned that the pool may lift if we drain it. Do you have anything for the customer to sign that would help protect me from a claim or lawsuit?

Answer:

I think you are asking for a waiver and release form. A waiver and release is an agreement whereby a customer agrees not to seek damages from you in certain instances. It's important to know that a waiver may be unenforceable if a court reviews the form to

see if your customer truly understood the rights he relinquished and the potential damages he assumed. You could end up being responsible for the damages even with a waiver and it's therefore a mistake to accept high-risk jobs solely based on a customer signing a form. A better approach may be to refer the customer to a company that does reverse osmosis rather than draining the pool. The cost of reverse osmosis has dropped significantly and provides a good alternative to draining a pool in areas subject to a high water table or where draining into a sewer or street is not possible.

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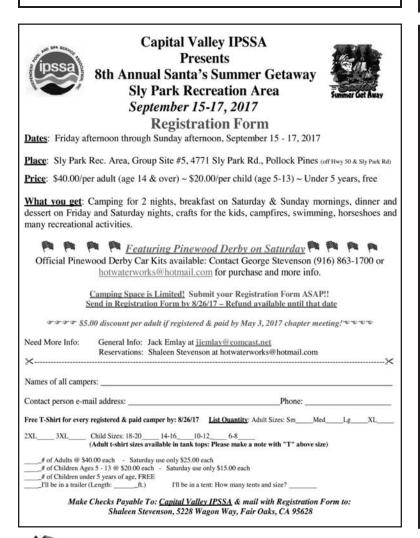
Know that when you refer your clients to us they do not need to shop anywhere else. Pool Covers, Inc. employee owners will not only provide **superior customer service** but will provide you with the most innovative products to make your clients pool safe. We offer child safety fencing as well as safety swimming pool covers. Our style of "one stop shopping" makes it faster and more convenient for you and your clients.

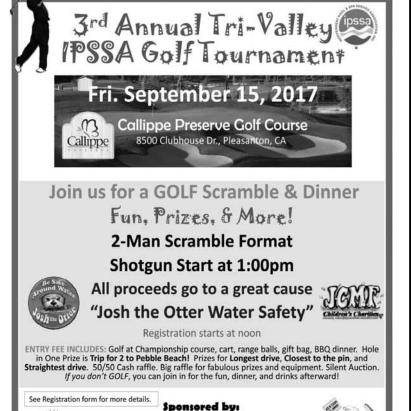
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Pleatco newly appoints Scott Gleason as new VP Business Development

Pleatco is pleased to announce and welcome Scott Gleason as the new Vice President Business Development. Mr. Gleason will play a pivotal role in the development and implementation of business plans to support the continued growth and success of Pleatco, a leading manufacturer of pool and spa filtration products.

Scott joins the Pleatco team after his role as the National Sales Manager for Unicel for the past 16 years. He brings with him vast experience and knowledge of the pool and spa industry, and filtration products.

Howard Smith, CEO, states "We are very excited to welcome Scott to Pleatco. Not only will he bring a wealth of experience to our sales team, but also be a great ambassador for our brand as we concentrate our expansion both domestically and internationally. We recognize Scott's proven track record of success and look forward to having him represent Pleatco."

"I'm proud to be joining the Pleatco team. This is a great opportunity for me to advance professionally and contribute to the ongoing innovation and growth of the company" remarks Scott Gleason.

Scott enjoys all sports, boating, camping and playing golf and spending time with his wife and two daughters.

IPSSA members eligible for 35% rebate on online education at www.ipssa.com

Through a partnership with the National Swimming Pool Foundation, IPSSA is pleased to offer online education through the IPSSA website. And, IPSSA members who complete classes through this online portal are eligible for 35% rebates!

There are dozens of courses available, in the following categories:

- Aquatic courses
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- Occupational safety courses
- Environmental management courses
- Depart of Transportation courses
- Healthcare courses
- Employment law courses

Plus three courses are available in Spanish.

It's easy to enroll. Visit www. ipssa.com and under the Resources tab click on Online *Continued on page 7*

Extend the season with a liquid solar product

By Chris Marcano

Chris Marcano is the Director of Training and Education for NC Brands, a manufacturer of pool and hot tub specialty chemicals in Norwalk, Conn., and Campbellford, Ont. Marcano has 16 years of experience in the industry and is a Certified Pool/Spa Operator® (CPO®) instructor, and a member of the education committee for the National Plasterers Council (NPC). He is also active on the Association of Pool & Spa Professionals' (APSP's) board of regents and is a local APSP chapter president. He can be reached via e-mail at chris@nbrands.com.

Have you ever walked out to a pool to see water just steaming away? This process is called evaporation, and it occurs when a liquid becomes a gas or vapor. When we see steam coming off a body of water, it is generally because evaporation has increased due to the air temperature being much lower than the water temperature.

What pool owners don't realize is that heat loss and evaporation are very expensive! The Department of Energy states that 70% of total energy loss in a pool is due to evaporation.* When pools lose water to evaporation, owners have to place a hose in the pool and top off water levels with their source water. In some cases, the contents of source water can cost a pretty penny with the necessary adjustments needed due to metal or phosphate content from the tap. Pool owners basically have to start the balancing process over again when they lose water to evaporation, which can be frustrating in addition to the additional expense incurred. Protecting pool water from evaporation is a costeffective way to reduce these unnecessary top-offs and water chemistry adjustments.

The traditional solution to heat loss and evaporation has been to use a solar cover, which does significantly decrease heat loss and evaporation. Solar covers are especially great at the beginning of the season to help the water heat up more quickly. There are, however, some downfalls to using a solar cover that you often don't realize until you're the one wrestling to put it back on by yourself. They're bulky and tough to move, not to mention the additional dirt and debris you may be introducing to the pool when dragging a solar cover through the yard. For these reasons, pool owners should consider using a liquid solar product to help maintain heat and reduce evaporation in their swimming pools.

Liquid Solar products are a terrific, easy to use product that pool service professionals can recommend to their customers. These products provide an invisible liquid barrier at the surface of the swimming pool to help trap heat and reduce evaporation. Pool service pros can simply add it to the skimmer at a rate of 4 oz per 675 square

Continued on page 20

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Celebrating 10 Years of rewarding excellence in the pool service industry

Pleatco launches the 2017 Perfect Pool Guy/Pool Gal Search with GENESIS and NSPF®.

and spa filtration products, and longtime co-sponsor GENESIS/ National Swimming Pool Foundation®, today announce the launch

Pleatco, LLC, a leader in pool of the 2017 search for the best of the best pool and spa service technicians across the country, and extending as far as Canada and Europe. This year's search marks

the 10th anniversary of the contest. Since 2007, Pleatco and cosponsors have been shining a spotlight on this segment of industry professionals who are more accus-

tomed to working in the shadows. The contest is an innovative way to honor the hard-working men and women of the pool and spa service industry.

"Over the past nine years of the contest, we've learned that being a professional pool or spa service technician is more than a job...it's a passion. Many homeowners treat their service guy or gal like family; it's a special relationship," says Pleatco CEO Howard Smith. "A pool or spa is an integral part of a home—a way to relax—and it's a place for a family to share time together. Homeowners trust their service professional to keep their 'backyard oasis' safe. The relationship with the homeowner is much deeper than that of the mailman or local handyman, in most cases. Essentially, the Perfect Pool Guy and Perfect Pool Gal are the unsung heroes of the neighborhood."

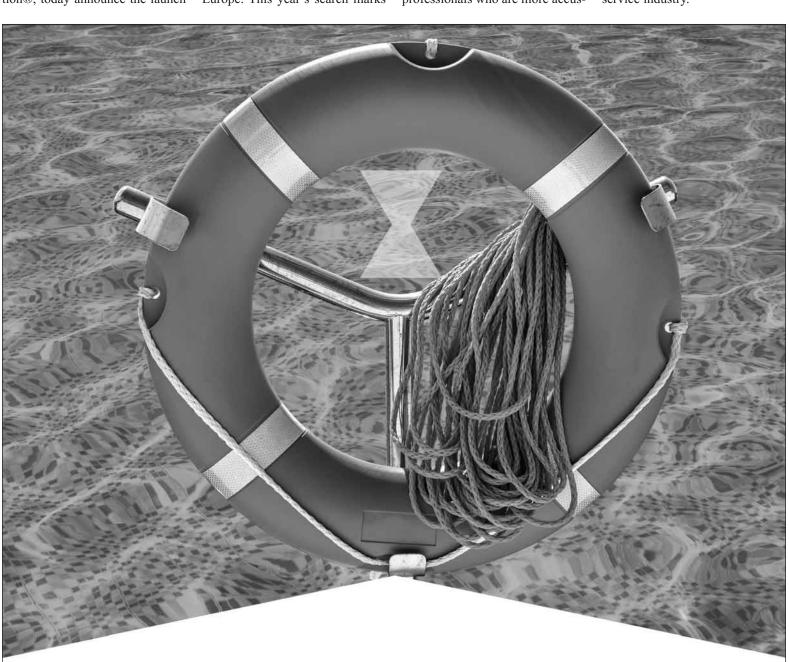
This year's Perfect Pool Guy and Perfect Pool Gal will each receive a trip for two to the International Pool | Spa | Patio Expo held in Orlando, November 2017. Both winners may attend the GENESIS Basic Pool Construction course free of charge (\$5,000 value) being held at the show. Winners (and finalists) will receive NSPF's AST Certification course (\$1,100 value) free of charge, also offered at the show. To celebrate with Pleatco the 10th anniversary of the contest, NSPF will offer their AST Certification course free of charge to ALL Perfect Pool Guy/Gal alumni. Add in a high-profile awards ceremony, gala dinner, nationwide advertising campaign and thousands of dollars of free Pleatco products, and you have an amazing incentive to nominate yourself or a colleague for 2017's Perfect Pool-Guy/Gal contest.

"The service industry is extremely important when it comes to helping owners fully enjoy and appreciate their pools," adds GENESIS Ambassador and cofounder Brian Van Bower. "Skip Phillips and I started our careers in pool service and it has always been near and dear to our hearts. We are proud to help honor our hard-working service professionals through the Pleatco contest!"

'We also are fortunate to be the co-sponsor of this wonderful contest. At NSPF we fully support initiatives that keep pools safer, keep pools open, and ensure more people can enjoy the water. We recognize the crucial role every pool service technician plays, we are honored to celebrate them, and we are pleased to offer our AST Certification as a major prize for each and every finalist, to nurture their continued growth," says NSPF CEO Thomas Lachocki,

With over 200 contestants, last year's entrants were as impressive as ever and the contest was coined by an industry reporter as the "Oscars of the Pool and Spa Service Industry.'

"This year's theme is 'We're looking for a perfect 10!" says Pleatco CMO Battista Remati. "This year celebrates the 10th anniversary of our search, and the amazing array of nominees and Continued on page 8



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The Basic Training Manual errata is now available!

The errata for the

Basic Training Manual –

Part 1 Water Chemistry –

Revised Edition 2016

is now available
in English and Spanish!
You can download a copy
from the IPSSA member
portal or call the
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888-360-9505
and request a printed copy.



4	_		EGISTRATION 2017 EXHIBIT HOUR:	S: THURSDAY 5-8 PM	, FRIDAY 2-6:30 PM, S.	ATURDAY 11-3 PM	
	7	Portola	Bonsai 1 & 2	Bonsai 3	Redwood	Ironwood	Cottonwood
Thursday, 09/28/2017	1:00 to 3:00 PM	How to Succeed in Customer Service David Hawes H & H Pool Services	The Benefits of Using NSF Certified Test Methods Industrial Test Systems	Certified Pool Operator Class Held	Stand Out Online and Win More Customers Laura Nelson Broadly	Electricity for the Service Pro	Intellichem Set-Up And Programming Pentair
	3:00 to 5:00 PM	Evolution of the Modern Pool + New Revenue Opportunities Steve Aris	Chlorine Free: Is it for me?	Wednesday 9-5 PM and Thursday 9-5 PM Wayne Ivusich	Commercial ph/orp Mark Lynch		Max-E-Therm Master Temp Troubleshooting
		Natural Chemistry	Clear Comfort	Taylor Technologies	Rola Chem	Pentair	Sta-Rite/Pentair
		CPR - Is Your Business	Basic Water Chemistry	Advanced Service	IXi VersaFlo	Agua-Rite Chlorine	Hydraulics for
	8:00 to 10:00 AM	on Life Support? David Hawes H & H Pool Service	and Testing Wayne trusich Taylor Technologies	Technician (Limited to 20 Students)	David Vansumer Jandy/Zodiac	Generators (Salt) Install-Troubleshoot Hayward	Service Pro
		What's New in the Pool	12 Myths about	8 AM - 4 PM	Zodiac Chlorine	Variable Speed	
/29/201	10:00 to 12:00 PM	Program Jason Wise	Water Maintenance Wayne Ivusich		Generation Alex Krajewski	Pump: Install and Troubleshooting	20.0
8		Wise Software	Taylor Technologies	_	Jandy/Zodiac	Hayward	Pentair
Friday , 09/29/2017	12:30 to 2:30 PM	Business Roundtable Share Your Stories David Hawes H & H Pool Service	Motor Repair and "Hybrid Motors" Bolt Raymond Swimco	8 AM - 4 PM	Web Based Controls David VanSumer Jandy/Zodiac	Omnilogic: Install and Set-Up	New VSF Pump Programming
	2:30 to 4:30 PM	Variable Speed Motor Replacement	Pool School 101		Polaris Pressure Side Cleaning / Polaris BBSQ Pump	Weird Water Solutions: The DROUGHT Edition	New Eti Heater Overview
		Randy Block	David Allen	Jonathon Nies	David VanSumer	Terry Arko	Mike Childress
		Regal Beloit	Allens Pool Care	NSFP	Jandy/Zodiac	SeaKlear	Pentair
Saturday, 09/30/2017	8:00 to 10:00 AM	Safety for Pools Dennis Chapman Seg Aquatics	PG&E'S Certified Aquatic Equipment Installer Training Course		Water Chemistry		Easy Touch Programming "en espanol" Carlos Gomez Pentair
	10:00 to 12:00 PM	Why Am I at Fault?	w		W 4.L		Variable Speed Pumps Overview de Problemas "en espanol"
		Ray Arouesty Arrow Insurance	Michael Orr FPSIE		Terry Arko SeaKlear		Carlos Gomez Pentair

Pentair Commercial introduces new ETiTM 400 high efficiency heater

The new ETiTM 400 high efficiency heater uses Titan-ToughTM pure titanium with a direct fire heat exchanger design that makes the heater highly corrosion resistant. This 400,000 BTU heater has a 96% thermal efficiency rating—the highest in its class. Built with ASME certified construction, the unit offers ultra-quiet operation and is easy to install both indoors



and out. Fast heat-up times and easy category IV venting and air intake plus offers 1800 rotating control panel for left or right plumbing connection.

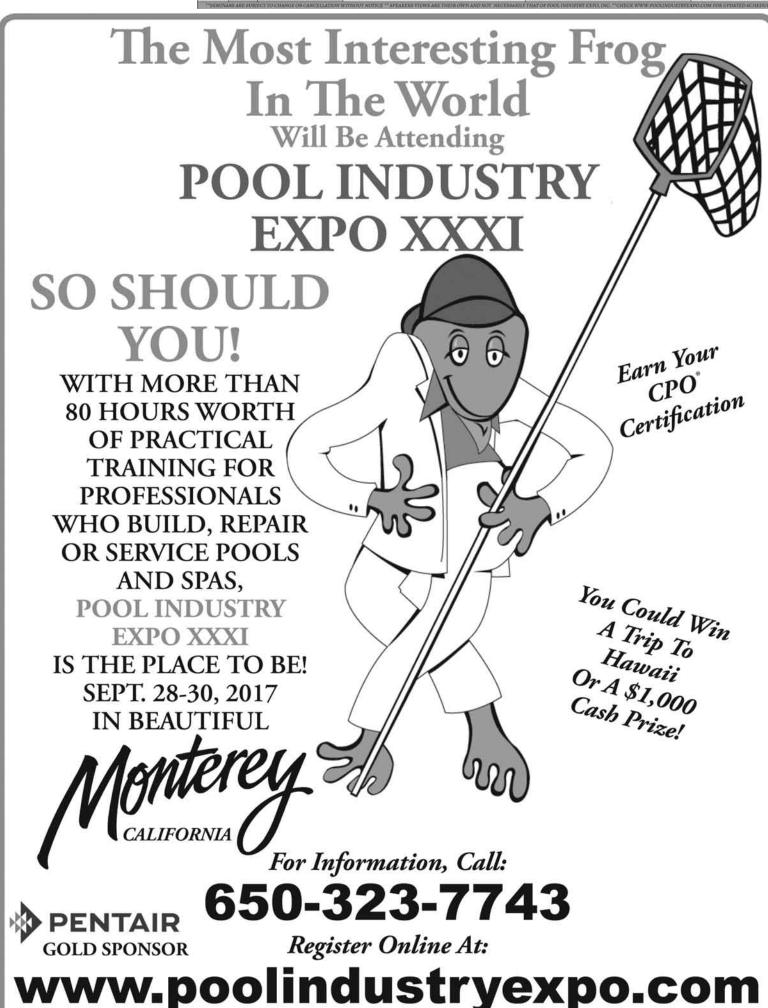
IPSSA Rebate

Continued from page 4

Training Store to see all that is offered.

Once you have purchased your online training course, within one business day you will be emailed a link to the IPSSA training portal and an access code to activate your online class.

Prices for the classes range from \$19.95 to \$259, with most in the \$19.95 category. And, IPSSA members will be rebated 35% of their class fee upon completion.



Celebrating 10 Years

Continued from page 6

winners who have wholeheartedly supported the contest over the years, which is something we are extremely proud of. We are looking forward to our best contest ever and urge everyone, even if they have entered in previous

years, to nominate either themselves or a colleague for the reward and recognition they so duly deserved.

The contest opens July 17, 2017 and all entries are accepted online at Pleatco.com.

Eliminates and Prevents Algae Reduces Chlorine Demand Lasts for up to 6 Months! Simplifies Pool Care Improves Water Quality Saves you Time and Money! Check out our NEW "customizable offer letters" We make it easy to sell PoolRx to every customer on your route You can customize, then email, or print and include in your billing Go to: poolrx.com Use: password: profits #1 Choice of Pool Professionals

California Capitol Report

Continued from page 1

swimming pool and spa industry if the outdoor water quotas are insufficient to support new pools and/or the replacement water needed annually to maintain a pool.

CPSA filed comments with the staff and legislators authoring these bills and, now that the legislature has returned, is lobbying in favor of adding language to these bills which provide more options for pools and spas by providing water credits for hardscape and pool covers or at least requiring studies of these issues prior to rules being implemented on these topics in

And of course, that is only the

beginning. More taxes anyone?

The California Legislature has already passed bills this session that will significantly increase gas taxes, supposedly to pay for highway and road repair and construction. Waiting for a vote during these last few week of the session are more tax proposals that will affect folks in the swimming pool and spa industry as well as all Californians. One is SB 2, which would impose a \$75 tax/fee on real estate related documents that are recorded in order to provide funding for low cost housing. Such documents would include material or construction liens, however one important note is that the bill exempted recorded documents in connection with the purchase or sale of a home in order to gain support from the California Realtors Association.

Another significant bill just amended this week, SB 623, would impose a tax on all property parcels to pay for clean water. However, the bill exempts the agricultural industry that uses two thirds of all California water and contributes greatly to the chemicals in the water that must be addressed. By the way, agriculture groups support the bill!

We will continue to monitor and address all of this dangerous legislation in the coming weeks, and keep you up to date on them as they move forward. The CPSA is dedicated to protecting our members from unnecessary new laws that will hurt their businesses, and the end of this legislative session has shown that mission to be more important than ever.



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Servicing automatic pool covers

A thorough investigation will make auto cover service calls more effective and efficient.

By Michael Shebek

Michael Shebek is president and owner of Automatic Pool Covers Inc., a manufacturer of automatic pool covers located in Westfield, Ind. He has more than 30 years of experience in the automatic cover industry. He can be reached at mshebek@apc-mfg.com.

In general, automatic pool covers are quite reliable. However, as with any piece of equipment, the system will require maintenance at some point. Some of these maintenance issues are foreseeable—small wear and tear or general upkeep issues, for example. Other issues, however, are

unexpected. This unanticipated service can fall under two categories—electrical or mechanical.

Most service requests from pool cover owners amount to, "My cover doesn't work, please come over and fix it." Obviously, this type of call doesn't provide much insight into the problem or help diagnose the issue. Service professionals must take it upon themselves to do a thorough onsite assessment of the situation at the job site in order to identify the problem and provide solutions, likely without much help from the pool owner.

This article will focus on fast,



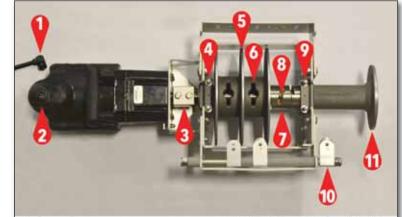
As part of the inspection process, technicians need to ensure proper tension on the rope reel tension blocks.

accurate, point-by-point evaluations a service technician can use to find a solution to any automatic pool cover problem.

Step one: Evaluating the pool cover site

Every service request must start off with a five- to ten-minute evaluation of the entire pool cover site. In those early moments, service technicians should focus less on getting the problem fixed hurriedly and take an investigative approach before handling any equipment. By operating the cover before evaluating the site, a technician might cause further damage to the system. Secondly, more often than not, the quick-fix approach will only address the symptom of the problem, not the underlying cause. When entering the pool area, technicians should walk around the entire pool cover and perform the following tasks:

- inspect the touch pad or key switch, to ensure power is on;
- examine the surface of the pool cover for debris, such as leaves or water;
- check the pool water level to see if it is particularly high or low;
- inspect the pool cover and webbing for signs of deterioration;
- study the housing lid, looking for interference with the vinyl cover:
- examine the tracks and track pulleys for signs of wear and tear; and
 - check the status of the lead



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- 9. Tension Block Bolts for Roll-Up Tube
- 10. Pulleys for Ropes
- 11. End Casting

A step-by-step guide to diagnosing mechanical issues on the motor end of the drive system.

bar (the front edge pulls the cover closed).

After performing this cursory inspection, the technician should notify the customer if a problem is noticed above and beyond the customer's request. Proactive communication with the customer will promote a positive relationship with the client and increase credibility during the time spent at the job site. By following these inspection procedures, technicians will have a much better understanding of the pool cover situation before the real work begins.

Step two: Diagnosing electrical issues

Sometimes the most obvious problem can be answered with the simplest question: "Is there power to the pool cover?" The quickest way to test for power is to use an electrical tester pen. When held against power cords, it will illuminate to indicate whether power is present. Not only are these devices handy, they are also affordable; they typically cost less than \$10. As such, they are a must have for any service technician. If no

Continued on page 16





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14th Annual WAHC focuses on professional growth

World Aquatic HealthTM Conference plans to expand the industry





The 14th Annual World Aquatic Health™ Conference (WAHC) will feature keynote speakers, sessions, and a new track, all of which target professional growth among any and all aquatic industry professionals. The National Swimming Pool Foundation® (NSPF®), Colorado Springs nonprofit organization, will host the Conference just north of its home base in Denver, Colorado, on October 18-20, 2017, at the Omni Interlocken.

"We find that most people are looking for a career path and education helps to provide that," states Darrell Doust, Poolwerx Chief Operating Officer, NSPF ASTCM Certified Instructor, and returning WAHC attendee. "Education also assists in attracting new young people to our industry, because the younger generations are very interested in advancement and what's next. They want to be trained, and the WAHC educational offerings assist in providing that training."



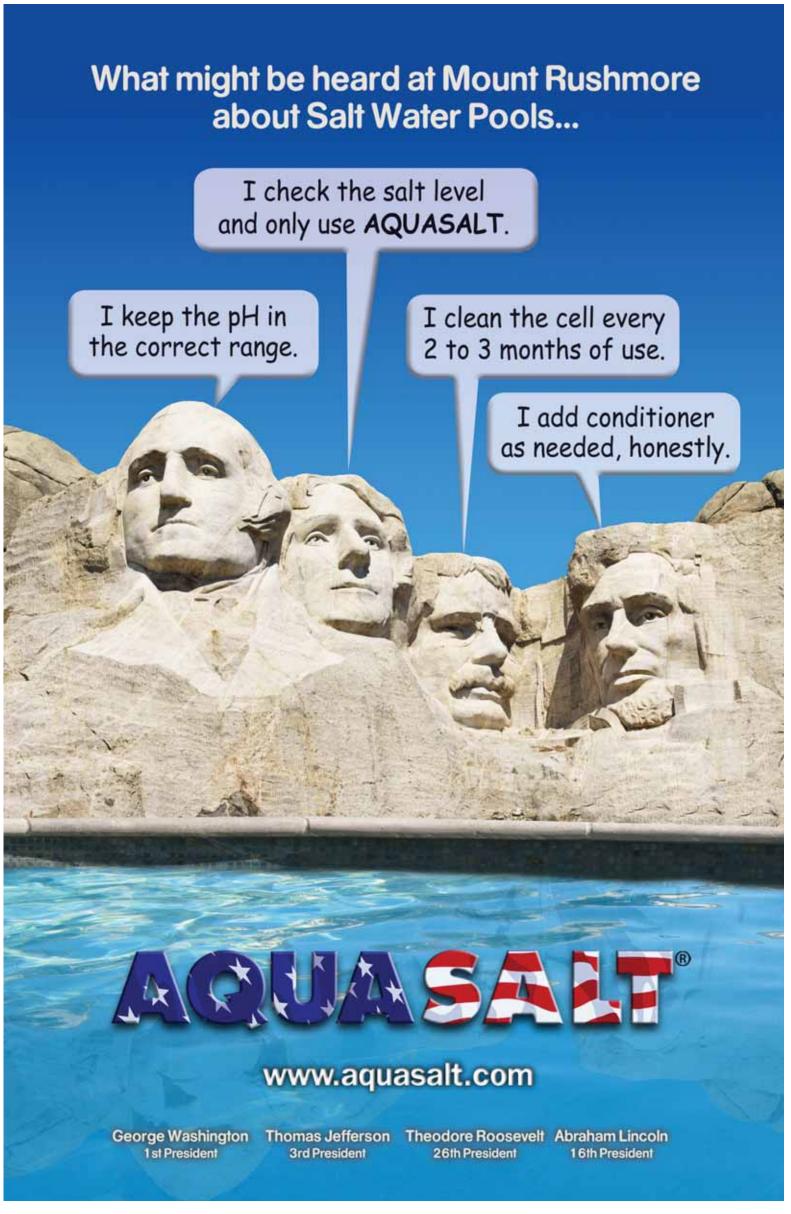


Ryan Avery

Amy Posey

Keynote Speaker Ryan Avery, the youngest world champion of public speaking in history, will open the WAHC on Thursday, October 19. During the presentation "Connect More. Convince

Continued on page 18





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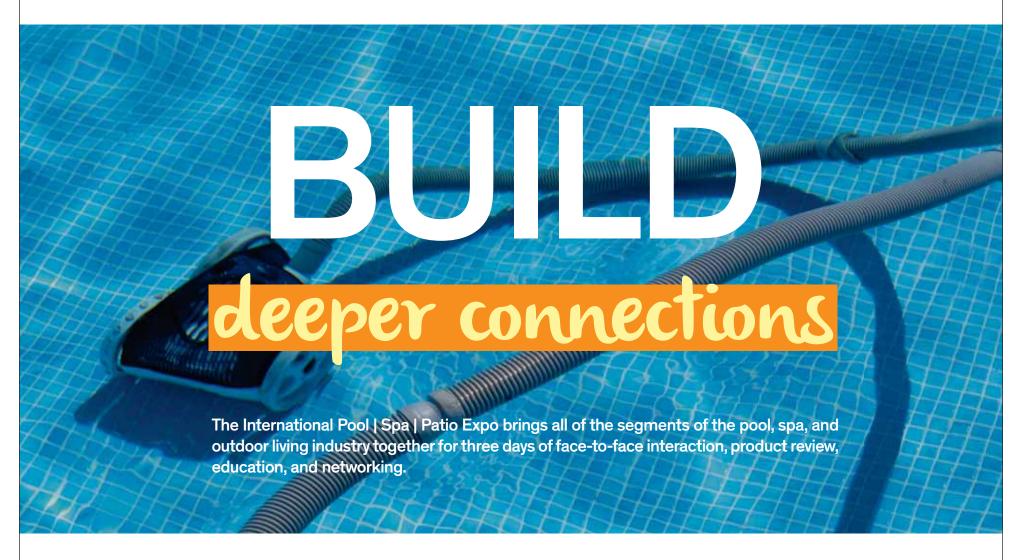
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GENESIS® education comes to the Western Pool & Spa Show

Genesis UniversityTM providing Construction 281: Major Renovations in CA

For the first time, Genesis®/The National Swimming Pool Foundation® will be presenting top-notch Genesis UniversityTM classes at the 2018 Western Pool and Spa Show.

Touted for providing a class that reaches a market in need, the

pre-conference Construction 281: Major Renovations is a hands-on interactive design school. Instructed by SWD Masters Bill Drakeley and David Peterson, P.E, Major Renovations is accredited for 1.6 IACET CEUs as well as 16 hours of APSP University credit. Beginning with client interview and site reconnaissance information, the students will be guided by expert NSPF/Genesis Instructors to document project-specific details considering everything from materials to liability concerns. Students will choose one of three different projects to develop and will leave the class understanding the nuances of





IPSSA Code of Ethics

As a member of the Independent Pool and Spa Service Association, Inc., I will utilize my professional knowledge and skilled practical workmanship in providing quality customer service. To that end, it will be my

responsibility to keep informed of developments in the pool and spa industry including new techniques and product applications.

My second obligation will be to the members of IPSSA by giving them any professional assistance they may need including sick route coverage.

With respect to sick route cover-

age, I will treat sick route clientele with professionalism and respect, and will not solicit the business of a sick route client while providing sick route coverage.

My final responsibility will be to my community and its citi-

zens. I will strive to communicate the necessity for pool safety and other issues of importance to pool and spa owners.

In these ways, I will promote the ideals and objective of the Independent Pool and Spa Service Association, Inc.

proper renovation work while examining images that will inspire, illustrate, and explain the key topics.

Genesis UniversityTM will also provide a variety of short programs during this four-day event. SWD Masters Paolo Benedetti and David Penton seminars Engineering 182: Hydraulic Component Compatibility and Service 161: Transitioning from Service to Construction, will offer education for those looking to expand their business beyond service. David Peterson, P.E., SWD Master's session Engineering 192: Show Your Customer Why They Need to Upgrade Their Equipment, will provide attendees a look at ensuring the proper equipment is used for their customer's water vessels.

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Servicing automatic pool covers

Continued from page 10

power is present, the problem might be solved in the first five minutes—a tripped ground fault interrupter (GFI) circuit breaker.

If this is not the case, the path of power (or reverse path of power) should be followed. The technician should start at the electrical box to see if the breaker is on. If it is, he or she should continue to look for power at the next

connection, usually a junction box near the motor or controller. Each location should be investigated until the location of the breakdown has been determined. The ultimate goal of this process is to determine whether the problem at hand is an electrical issue or an electrical component issue, either the controller or motor.

Next, the controller should be

gently operated to see if the motor shaft is able to move in both forward and reverse. If it moves in both directions, but the cover does not, the technician is dealing with a mechanical issue. If this is the case, he or she can skip further electrical diagnosis. If the shaft does not move and the motor still has no activity, it is time to move on to the next step.

Electrical issues are not always the motor or controller components, but can be attributed to wiring and/or connections between these components. These connection locations are usually the most difficult electrical problems to diagnose and repair. When all else fails, all connections at junction boxes and components need to be reconnected. If all of the above steps have failed, the problem lies within the motor or controller. Of course, since each manufacturer's product is different, technicians should consult the manufacturer or its manual for repair details.

Step three: Diagnosing mechanical issues

While it is important to remember each manufacturer's system is unique, these checkpoints are the best starting point for any technician looking for a mechanical issue with an automatic cover. After the housing lid has been removed, the motor end of the drive system needs to be checked using the following steps:

- 1. Check for secure electrical connection to motor. Whether the motor is quick-connected or hardwired, the connection must be secured.
- 2. Check for broken or loose motor coupler bolts. Broken bolts are an indicator of other problems, not necessarily the main cause of a cover not operating. These bolts are not designed to break, but will

fracture if put under an inordinate amount of torque over a prolonged period of time.

- 3. Check for proper tension on rope reel tension blocks. The technician needs to ensure there is enough tension on the rope reels to make turning them by hand somewhat difficult.
- 4. Check for tangled or broken ropes. If ropes are tangled, it is very likely due to a lack of tension on the rope reel tension blocks (see step #3). In this case, the technician must first untangle the ropes and go back to step #3 to prevent a recurrence. The ropes should then be inspected for exterior wear or diameter inconsistency. Ropes should always be 1/4 inch (0.25inch) in diameter. Any part of the rope less than 1/8 inch (0.125 in.) in diameter is showing signs of internal wear and should be proactively replaced at this time. If the rope or ropes need to be replaced, the technician should check with the individual manufacturer for replacement instructions, as each has different guidelines on replacement procedures.
- 5. Check for a broken drive pin. While some older systems might have a shear pin, technicians should not confuse this with the present drive pin. Today's drive pins are made of hardened steel and should not break, but should be checked regardless.
 - 6. Check the shifting dogs (or Continued on page 19



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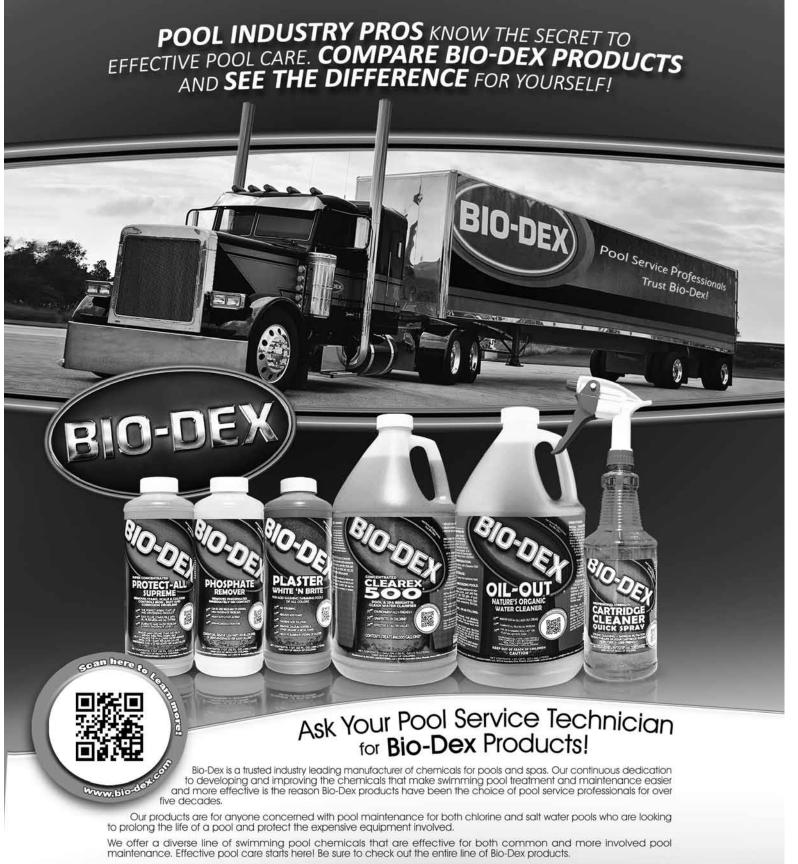
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WAHC

Continued from page 12

Less" attendees will learn how to educate and inspire in order to get more people in the water. Mr. Avery will also host a Thursday workshop "Stop Being A Leader, Start Being THE Leader," which will help industry professionals establish strategies to become THE leader.

Neuro Facilitator Amy Posey, Keynote Speaker on Friday, October 20, will present on utilizing neuroscience to facilitate brainfriendly communication. Attendees may also join Ms. Posey and 2016 WAHC Keynote Speaker Wallace J. Nichols, author of Blue Mind, for a workshop during the Health Benefits track Neuroscience of Leadership.

The new WAHC track, Training for Business Growth, will spotlight four sessions led by successful leaders representing various fields of the industry. This track will benefit anyone interested in advancing his or her career in the pool industry. Pool service technicians, pool operators, CPO® Certification holders, ASTCM Certification holders, staff trainers, pool builders / designers / renovators, and NSPF Instructors will all gain insight from the unique sessions.

CMAHC's Biennial Vote on the Code Conference will return this year, October 17-18, from 8 am to 5 pm. CMAHC members may take part in the process of reviewing the 180 Change Requests received for the CDC's Model Aquatic Health Code. Vote on the Code is the perfect time for attendees to make their voice heard and witness real change in the field, fostering a better environment for swimmers and professionals. Attendees who register for both the CMAHC and the WAHC receive a \$50 discount. Visit cmahc.org to register or learn more.

Aquatic Therapy Day will return for a second year, as well. On Wednesday, October 18, Physical Therapists (PTs) and Physical Therapist Assistants (PTAs) may attend the eight hour hands-on training for \$199. Recent research advocating aquatic therapy for individuals with low back, neck, shoulder, and chronic pain will be discussed, followed by a four hour warm water lab. The all-day session is hosted by Aquatic Therapy University's Andrea Salzman, MS, PT, and attendees may earn eight Continuing Competency Units (CCUs), pre-approved in 30 states.

Swimming pool service technicians will have an opportunity to advance professionally in leadership and service AND save \$150 during a Pre-Conference Event. The Classroom Session of NSPF's new Advanced Service TechnicianTM Training Course will take place on Wednesday October 18, from 8 am to 5 pm. Achieving ASTCM Certification delivers numerous competitive advantages for service technicians and their companies through the unparalleled training and knowledge it provides.

New this year, the Indoor Air Quality Panel Discussion is scheduled for lunchtime on Friday, October 20. The panel will include leaders from Anderson Poolworks, Paddock, Desert Aire, Councilman-Hunsaker, and Water Technology, Inc., and will focus on how the

Servicing automatic pool covers

Continued from page 16

shifting gears) for accurate alignment. If the shifting dogs do not engage each other, the pool cover cannot move. This misalignment is more common on older systems and more rare (though still possible) on newer ones. A few common reasons the dogs do not engage are possible corrosion or a burr on the drive shaft, preventing a complete shift of the double dog from one side to the other. If that is the case, the two motor coupler bolts can be easily removed, allowing the technician to lift the mechanism out of the frame, file or replace the shaft and re-install the mechanism, all in about five

7. Check for proper tension on

the roll-up tube tension blocks. The tension blocks for the rollup tube prevent the tube from free spinning. As with the tension blocks for the rope reel, the roll-up tube should be somewhat difficult to move by hand when the bolts have the proper amount of tension.

8. Check for worn pulleys. This can either be done manually or by gently activating the controller and observing the effectiveness of the pulleys while the rope passes through them. There are typically six pulleys on every pool cover system. Three are located on the motor side of the drive system; one is located at the end of the tube, on the side opposite the motor; and two are located at the

end of the tracks (one per track side). The two track pulleys are not easily seen and often overlooked by inexperienced service technicians. A great pool cover service technician must inspect these track pulleys and change them every five to seven years.

Additional inspection items

If present, the torque limiter should also be checked. Newer systems have electronic torque limiters (ETL) that do not require lid removal to make an adjustment; they are easily adjusted from a touch pad. Mechanical torque limit (MTL) systems require torque adjustments over the life of the system.

Some of these MTL systems

can be adjusted under the lid using wrenches.

Technicians should also check for ropes pinched in lid support brackets. With the popularity of stone or concrete lids, this inspection step is becoming much harder to perform, due to the added weight of these trendy materials.

Companies should keep this in mind when they install stone or concrete lids.

The frame, rope reels and end casting should also be checked for corrosion, particularly as salt generators become increasingly popular in the pool industry. Newer

Continued on page 20







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Servicing automatic pool covers

Continued from page 19

automatic cover drive components are anodized or made from stainless steel to prevent wear, but older systems may not be protected. If white material is present on drive components, all components should have corrosion removed before reinstallation.

Finally, technicians should check for debris inside the roll-up housing, which can cause interference with the vinyl. Occasionally, the strangest items find their way into cover housings. Experienced technicians tell eye-opening stories of everything from swim noodles, skimmer lids and bathing suits to raccoons, snakes and other assorted wildlife. These items will cause the cover to bind up while trying to open, so technicians need to keep their eyes open and stay

A thorough approach

By spending five to ten minutes evaluating the entire pool area and methodically following the proper diagnostic steps, a pool cover technician's time on site can be more efficient and effective. Of course, all this is moot if he or she does not communicate well with the customer. If any major components need to be repaired or replaced, technicians need to explain the problem and present the pool owner with options. Then, once a course of action has been decided upon and repairs have been completed, the technician must communicate one more time, to make sure the owner knows what has been accomplished and answer all of their questions. That's what turns a service call into a great customer experience.

WAHC

Continued from page 18

swimming environment.

conference@nspf.org.

Continued from page 5

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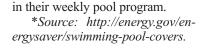
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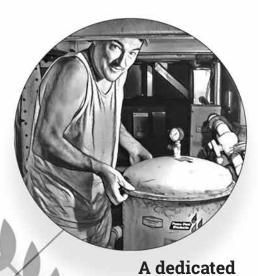


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For insurance information: call Arrow Insurance (800) 833-3433 / Fax (805) 870-7625 / 2393 Townsgate Rd., Suite 101, Westlake Village, CA 91361, E-mail: ray@arrowinsuranceservice.com

REGION 1 (NORTHERN CALIFORNIA) B.O.R.D. Member: Brian Duncan (925) 370-6675 E-mail: brian@pppsinc.com

CAPITAL VALLEY: (Sacramento): First Wed., 7 p.m. VFW, 8990 Kruithof Way, Fair Oaks Pres. Scott Houseman (916) 638-4100 scott@leisuretimepool.com **DELTA:** (Stockton)

Third Wed., 6:00 p.m., The Elks Lodge 19071 N Lower Sacramento Road, Woodbridge Pres. Rick Plath (209) 456-1605 service@rickspoolservice.com EAST BAY

Third Tues., 6 p.m., Pleasant Hill Community Center, 320 Civic Drive, Pleasant Hill
Pres. David Luthy (510) 435-5252
townandcountrypool@comcast.net
EAST CONTRA COSTA

Fourth Tues., 6:00 p.m., La Fuente Mexican Restaurant, 642 1st Street, Brentwood Pres. Dale Vaughn (925) 759-3819 dalevaughn1176@comcast.net

EL DORADO

Second Thurs., 6:30 p.m., Shingle Springs Comm. Ctr.
4440 S. Shingle Road, Shingle Springs

Pres. Shawn Panico (916) 201-6245 / www.edipssa.com

ELK GROVE

Second Wednesday, 7:00 p.m., Logan's Roadhouse, 9105 W. Stockton Boulevard, Elk Grove Pres. Jerry Marquardsen (209) 747-4953 jerryspoolservice@yahoo.com GOLD COUNTRY

First Mon., 6:00 p.m., Sierra Grill Smokehouse, 2515 Grass Valley Hwy., Auburn, CA Pres. Ryan Ruminson (530) 401-7346 ryanruminson@sbcglobal.net MODESTO CENTRAL VALLEY:

Third Tues., 6 p.m. Perkos Restaurant, Kiernand Road & 99, Salida Pres. Albert Camarillo (206) 628-2717

acspoolserv@yahoo.com SACRAMENTO CITY Fourth Wed., 7:00 p.m., Plaza Hofbrau 2500 Watt Ave., Sacramento

Pres. Nathan Williams (916) 213-6889 TRACY: Fourth Thurs., 6 p.m., Perko's Café, 1321 W. 11th Street, Tracy 95376 Pres. Kevin McLard (209) 833-9200

kevin_m@klmpools.com **WEST PLACER:** First Thurs., 5:30 p.m., Strikes Bowling Alley, 5681 Lonetree Blvd., Rocklin CA 95765 Pres. Kyle Bridgman (916) 801-9155 jkpoolservices@gmail.com

> **REGION 2 (CENTRAL CALIFORNIA)** B.O.R.D. Member: Manuel Margain (559) 307-1072 E-mail: manuelmargain@comcast.net

BAKERSFIELD: First Tues., 5:30 p.m., Rusty's Pizza, 6675 Ming Ave, Bakersfield Pres. Beau Braisher (661) 332-4952 braisherpools@gmail.com

CENTRAL COAST
Second Wed., 7 p.m., Mtgs alternate between N/S Co., Contact chapter Pres. for info. Pres. Tom Mazzo (805)550-6709

tmazzopoolguru@yahoo.com CONEJO: Second Wed., 7:30 p.m., Alpha Water Systems, 725 Cochran Street #A, Simi Valley Pres. Dennis Van Sloten, (805)813-6154

dvs10@live.com
CONEJO VALLEY

Second Wed., 6:30 p.m., Superior Pool Products 1200 Lawrence Drive #400, Newbury Park Pres. Michael Flanagan (805) 444-7960 FRESNO: Fourth Tues., 7 p.m. Roundtable Pizza at First & Bullard, Fresno

Pres. Norm Carpenter, (559) 217-1228 ipssafresno@gmail.com SANTA BARBARA Second Mon., 6:30 p.m., Rusty's Pizza Parlor

232 W. Carrillo, Santa Barbara (downtown) Pres. Joe Burich (805) 451-1963 mericks2001@yahoo.com VENTURA: Third Tues., 7 p.m.

Poinsettia Pavilion, 3451 Foothill Rd, Ventura Pres. Max O'Brien (805) 794-6270

gotomax@att.net
VISALIA: Third Wed., 6 p.m.
Amigo's Cantina, 5113 W. Walnut Ave., Visalia
Pres. Roman Gomez (559) 992-5779 romangomez1251@yahoo.com

REGION 3 (NORTH L.A. COUNTY) B.O.R.D. Member: Terry Snow (909) 982-9962 E-mail: tls.pools@verizon.net

ANTELOPE VALLEY: Second Monday, 6 p.m. SCP Antelope Valley, 4514 Runway Dr., Lancaster Pres. Steven Polovina (661) 236-6095 spgotj85@yahoo.com

DIAMOND BAR

First Thurs., 7:30 p.m., Oak Tree Lanes, Diamond Bar Pres. Johnny Hernandez (626) 833-7456 justpools626@yahoo.com

FOOTHILL: Third Thurs., 7:00 p.m. 849 Foothill Blvd. #4, La Cañada Pres. Raul Fernandez (818) 378-9231 SAN FERNANDO VALLEY

Third Wed., 7:30 p.m., Canoga Bowl 20122 Vanowen, Canoga Park Pres. Blaine Enbody (805) 529-7562

SAN FERNANDO VALLEY METRO

First Tues., 7 p.m., Canoga Bowl, 20122 Vanowen, Canoga Park / Web site: www.sfvmetro.com Pres. Eric Nielson (818) 710-1628 willowcreekpools@gmail.com

SAN GABRIEL VALLEY

Second Thurs., 7:00 p.m.
PEP, 1862 Business Center Dr., Duarte, CA 91010
Pres. Brian Nies (626) 536-2008

SANTA CLARITA VALLEY

First Thurs., 7:00 p.m. Vincenzo's Pizza, 24504 ½ Lyons Avenue, Newhall Pres. Kent Simpson (661) 373-9901

> REGION 4 (SOUTH L.A. COUNTY) B.O.R.D. Member: Jason Briggs (310) 370-2144 E-mail: jason@paradisepools.biz

CENTRAL LOS ANGELES Second Mon., 6:30 p.m., Han Woo Ri Presbyterian Church, 1932 S. 10th Ave, Los Angeles Pres. Juno Yi (323) 850-8118

juno8118@gmail.com EAST LONG BEACH Second Tues., 6:30 p.m., Ecco's Pizza, 2123 N. Bellflower Blvd, Long Beach

Pres. Bill Rothwell (562) 425-8249 poolboy1950@yahoo.com SOUTH BAY

Second Wed., 7 p.m., American Legion Hall 412 S. Camino Real, Redondo Beach Pres. Brad Jones, (310) 880-7665 aaapoolspa@verizon.net

WESTSIDE Second Tues., 6:30 p.m., American Legion Hall 5309 S. Sepulveda, Culver City Pres. Rick Haro (310) 204-4327 rick@haropools.com

WHITTIER: First Wed., 7 p.m. Superior Pool Products in Santa Fe Springs Pres. Grant Hucko (714) 240-2099 hucko@sbcglobal.net

REGION 5 (ORANGE COUNTY) B.O.R.D. Member: Michael Kei Black (714) 891-0351 E-mail: mblackels@netzero.com

ANAHEIM

Third Wed., 6:30 p.m. Roundtable Pizza, 12829 Harbor Blvd., Garden Grove Pres. Cal Pratt (949) 230-7462 CENTRAL ORANGE COUNTY

Last Tues., 7 p.m., Coco's, 14971 Holt Ave., Tustin Pres. Mark Harrison (949) 874-8234 maharrison16@yahoo.com

DANA PÓINT

Second Tues., 6 p.m., Coco's, Crown Valley and I-5 Pres. Cliff Gross (949) 587-9773 cliffgross@cox.net

MISSION VIEJO

First Tues., 6 p.m. Claim Jumper, 27845 Santa Margarita Pkwy Pres. Tracy Simmons (949) 702-3545

acmepoolcare@sbcglobal.net NORTH ORANGE COUNTY

Second Wed., 7 p.m., Graziano's Italian Restaurant, 17487 Imperial Highway, Yorba Linda Pres. George Bonilla (714) 349-3326

gbpsinc@vmail.com ORANGE COAST Last Monday, 5 p.m., Carrow's Restaurant

Warner & Magnolia, Huntington Beach Pres. Tom Honrath (714) 642-5018 thonrath@hotmail.com

ORANGE COUNTY #9 Second Wed., 7 p.m., Dad Miller Golf Course North Gilbert Street, Anaheim Pres. Rob Tobias (714) 812-7993

ORANGE COUNTY POOL PROFESSIONALS Last Mon., 6:00 p.m., Claim Jumper Banquet Room, 18050 Brookhurst St., Fountain Valley CA 92708 Pres. Jim Romanowski (714) 404-2550

poolperfection1@aol.com SADDLEBACK VALLEY

Last Tues., 6 p.m., Lone Star Steakhouse, 24231 Avenida de la Carlotta, Laguna Hills Pres. Scott Kather (714) 742-9597 SOUTHWEST

First Wed., 6 p.m., ABC Pools 10560 Los Alamitos Blvd., Los Alamitos Pres. Ken Tipton (562) 430-8515 **SURF CITY**

Third Tues., 6:30 p.m., Superior Pool Products, 10865 Kalama River, Fountain Valley Pres. Frank Malavar (714) 960-3558

TUSTIN/IRVINE Second Tues., 6:00 p.m., PSOC Waterline Technologies, 220 N. Santiago Street, Santa Ana

Pres. Rich Foley (714) 974-1514 YORBA LINDA First Wed., 6:45 p.m., Lampost Pizza, 21480 Yorba Linda Blvd. #D, Yorba Linda CA

(call president to confirm mtg time). Pres. Jaime Aranda, (714) 746-5138 jaimearanda@sbcglobal.net

REGION 6 (INLAND EMPIRE) B.O.R.D. Member: John Dixon (951) 316-1675 E-mail: waterwhisperer1@verizon.net

CORONA: Second Tues., 7:00 p.m., Marie Callenders 160 E. Rincon St. (at Main St.), Corona Pres. Dave Berg (909) 674-1556 / djpoolguy@msn.com **HEMET:** Third Wed., 6:00 p.m. Shooters, 121 E. Florida Ave, Hemet Pres. John Bettencourt (951) 925-2442

bettencourtpool@msn.com MENIFEE VALLEY

First Wed., 7 p.m. at My Buddies Pizza 2503 E. Lakeshore Drive #A, Lake Elisnore Pres. Renee Marier, (951) 285-9672 mangopoolnspa@verizon.net

ONTARIO/ RANCHO CUCAMONGA

Second Tues., 7 p.m., Location varies, please contact chapter president for more info. Pres. Ron Goodwin (909) 989-0406 good2win@msn.com

PALM DESERT

Third Thurs., 6 p.m./7 p.m., please check with pres. Sloan's, 81539 US Hwy 111, Indio CA Pres. Matt Kauber (760) 702-0160

salernopools@yahoo.com PALM SPRINGS

First Wed., 5:00 p.m. Superior, 5700 Indian Springs Rd, Palm Springs

Pres. James Elliott (760) 413-0463

REDLANDS: Second Tues., 6 p.m.

Hickory Ranch, 32971 Yucaipa Blvd., Yucaipa
Pres. Bill Brooks (909) 553-5780

RIVERSIDE:

First Tues., 6:00 p.m., Cask N Clever, 1333 University Ave., Riverside Pres. Nathan Smith (972) 296-7946 info@riversidepools.com TEMECULA/MURRIETA

Third Wed., 7 p.m., Pat & Oscar's 29375 Rancho California Rd., Temecula Pres. Jack Delaney (951) 674-6318

REGION 7 (SAN DIEGO COUNTY) B.O.R.D. Member: Joe Lukacik (619) 561-8587

E-mail: joe.sunpools@yahoo.com

CARLSBAD: Third Wed., 7 p.m. El Ranchero Restaurant, 1565 N. Santa Fe, Vista Pres. David Talbot (760) 845-6863 **ESCONDIDO**

Third Wed., 6:30 p.m., Call for location. Pres. James Leisten (760) 737-3058

jim@blueribbonps.com NORTH COUNTY COASTAL

Third Tues., 6:30 p.m. Brett's BBQ, 1505 Encinitas Blvd., Encinitas Pres. Jordan Nelson (760) 753-4996 jordan1111@gmail.com RANCHO DEL MAR

Third Mon., 5:30 p.m., Tio Leos 3510 Valley Centre Drive, San Diego Pres. Joshua McKee (858) 337-4482 josh@makaipools.com SAN DÎEGO

Third Wed., 7 p.m., Admiral Baker Clubhouse, 2400 Admiral Baker Road, San Diego Pres. Michael Harris (619) 395-6700

barrowpoolssd@gmail.com SAN DIEGO EAST COUNTY

Third Tues., 6 p.m., Superior Pool Products, 1973 Friendship Dr., El Cajon Pres. Berny Sweeny (619) 244-0496 bernypoker@hotmail.com SAN DIEGO METRO

Fourth Thurs., 7:00 p.m. Coco's, 1025 Fletcher Parkway, El Cajon Pres. Mike McCourtney (760) 788-0823 sunrisepools1@hotmail.com

> REGION 8 (SOUTHWEST) B.O.R.D. Member: Mike Lee (480) 786-0687

E-mail: mountainsidepools@mac.com

EAST VALLEY

Third Thurs., 5:45 p.m., Superior Pool Products 2350 W. Broadway Rd. #110, Mesa Pres. Steve Ward (480) 213-0481 wardspool@yahoo.com HENDERSON:

HENDERSON:
First Wed., 7 p.m., Hooters,
10430 S Eastern Ave. Henderson, NV 89052
Pres. Forrest Owen (702) 372-7200, poolboys@cox.net
IPSSA VIPS: Third Wed., 7:00 p.m.
Elk's Lodge #335, 14424 No. 32nd St., Phoenix
Pres. Joe Mischik (602) 290-5547
NORTH PHOENIX
Third Trees. 7 p.m. SCP.

Third Tues., 7 p.m., SCP 18201 N. 25th Avenue, Phoenix AZ 85023 Pres. William Goossen (623) 580-9802 goosse-man@cox.net

NORTHWEST LAS VEGAS

First Thursday, 7:00 pm Joey's Bar & Grill, 7081 W. Craig Road, Las Vegas Pres. Robert Fazio, (702) 591-1624 SCOTTSDALE

Third Mon., 6:00 p.m., Pool Water Products, 20810 N. 25th Place, Phoenix Pres. Kurt Schuster (602) 488-7335

TUCSON: Third Wed., 6:30 p.m. Superior Pool Products, 4055 N. Runway Drive. Ken Sanders (520) 429-6959

WEST VALLEY First Wed., 7:00 p.m., Cloud Supply 1100 N. Eliseo Felix Way, Avondale Pres. Patrick Pace (623) 853-6859

WESTERN LAS VEGAS First Mon., 6:30 p.m. (excl. holidays) Vietnam Vets Hall, 6424 W. Cheyenne, Las Vegas Pres. Linda Cross 702-524-8453 ipssalindacross@gmail.com

> REGION 9 (TEXAS) B.O.R.D. Member: Becky Clayson (210) 240-3121 E-mail: becky.clayson@yahoo.com

AUSTIN; First Tues., 6 p.m., Cherry Creek Catfish Co. 5712 Manchaca Rd, Austin Pres. Keith Timm (512) 636-3750 keith@acuaticoinc.com

CLEARLAKE; Fourth Tues., 7:00 p.m., Rudy's BBQ, 21361 Gulf Fwy, Webster Pres David Potts (208) 887-6486 david@freedompools-texas.com

CORPUS CHRISTI

First Thurs., 6:30 p.m., Schlitterbahn Upper Padre 14353 Commodores Drive, Corpus Christi Pres. Michael Baker (361) 563-7655

HILL COUNTRY: Third Tues. Logan's Roadhouse, 1141 Interstate 35 Frontage Rd, San Marcos Pres. Jim Stearns (832) 278-9192 stearns_pools@aol.com

HOUSTON: Second Tues., 7 p.m. IHop, 11225 Katy Freeway, Houston Pres. Bryan Norris (713) 234-7649 bryan@norrispools.com

NORTH AUSTIN: Second Tues., 6 p.m., Cedar Park Library, 550 Discovery Blvd.
Pres. Ken Burrington (512) 673-6701
aqualinepoolservice@gmail.com
NORTH HOUSTON: Third Tues., 7 p.m., IHop
25619 Interstate 45, Spring
Pres. David Harling (281) 256-7886

bigstatepools@sbcglobal.net SAN ANTONIO: First Mon., 6:30 p.m.
Palenque Grill, 389 North Loop 1604 W, San Antonio
Pres. Flash Rose (210) 241-7548

flashpoolservice@sbcglobal.net WEST HOUSTON: Second Mon., 7 p.m. Spring Creek BBQ, 21000 Katy Freeway, Katy Pres. Bill Williams (832) 593-6299 poolmaxxinc@gmail.com

> REGION 10 (BAY AREA SOUTH) B.O.R.D. Member: John Oldfield (888) 641-8047 E-mail: joldfield@oldfieldinc.com

FREMONT: Second Mon., 6 p.m., El Patio Restaurant, 37311 Fremont Blvd., Fremont Pres. Michael Murphy (510) 579-1448

MID-PENINSULA

Last Tues., 7 p.m., Superior Pool Products 2692 Middlefield Rd, Redwood City

Pres. Justin Lindley (650) 863-6661 justinyourpool@gmail.com MONTEREY COAST: Fourth Wed., 7:00 p.m., Holiday Inn Express, 1855 Main Street, Watsonville Pres. Terry Page (831) 297-2215 pinnaclepoolandspa@sbcglobal.net

REDWOOD EMPIRE (Marin Co.)

Third Wed., 7 p.m., Lucchesi Park, Petaluma Park, 320 N. McDowell Blvd., Petaluma Pres. Darrell O'Neal (707) 544-3060

dandmpool@aol.com SANTA CLARA VALLEY; Third Thurs., 7:30 p.m., Napredak Hall, 770 Montague Expressway, San Jose Pres. Joe McVeigh (408) 249-9731

josplash@sbcglobal.net
SILICON VALLEY: First Wed., 6 p.m.
Armadillo Willy's, 1031 N. San Antonio Road, Los Altos
Pres. David Guslani (650) 333-1351 dguslani@earthlink.net
TRI-VALLEY: Second Thurs., 6 p.m.,
Meeting locations vary. Check with chapter president.

Pres. Gregory Gordon (925) 922-2212 gregpoolservice@gmail.com REGION 11 (FLORIDA/GEORGIA)

B.O.R.D. Member: Derric Raymond (407) 908-4555 E-mail: derric@raymondscustompools.com

GOLD COAST (Ft. Lauderdale area) Second Tues., 6:30 p.m., Wings Plus, 9880 W. Sample Rd, Coral Springs Pres. Ana Labosky (954) 224-7733 www.ipssagoldcoast.com; president@goldcoastipssa.com

MANASOTA (Bradenton/Sarasota) First Mon., 7:00 p.m., Call for meeting

location and directions
Pres. Todd Starner (941) 915-2135
tstarner@tampabay.rr.com
NORTH GEORGIA

Pres. Benjamin Decker (404) 405-0197 ben@classicpoolsvc.com OSCEOLA (Kissimmee/Orlando)

Second Wed., 6:30 p.m.
Fat Boy's Restaurant, 2512 13th Street, St. Cloud
Pres. Diane Fowler (407) 460-6680

poollady2001@gmail.com
PORT CHARLOTTE: Fourth Wednesday, 6:30 p.m.,
Buffalo Wings & Rings, 1081 W. Price Blvd. North Port
Pres. Ray Kurilivicoius, (941) 743-2010 ray@dartpoolsolutions.com

SARASOTA: First Tues., 6:30 pm Gecko's Grill & Pub, 351 N Cattlemen Road, Sarasota Pres. Andy Homner (941) 330-5757 andy@clearwavepoolcare.com TREASURE COAST: Fourth Tues., 7:00 pm

Duffy's Sports Bar, 6431 SE Federal Hwy, Stuart

Pres. Allen Schroeder (772) 215-1884

REGION 12 B.O.R.D. Member: Neal Holt (972) 617-9877 E-mail: poolguy713@gmail.com

DALLAS: Fourth Tues., 5:30 p.m., Tony's Diner 3112 N. Jupiter Rd #307 Garland TX Pres. Eustaquio Portillo (214) 325-6746 FORT WORTH

Third Tues., 6:30 p.m., La Playa Maya Restaurant 1540 N Main Street, Fort Worth Pres. Tina Slagle (817) 991-0555

MID CITIES DFW: First Mon., 7:00 p.m., SCP, 2107 Hutton Drive, Carrollton TX 75006 Pres. Casey Gardner (469)835-5674

TARRANT COUNTY First Tues. 7 p.m., El Chico's Café 7621 Baker Blvd., Richland Hills

Pres. Will Ainsworth (817) 987-8580 WAXAHACHIE: Second Wed., 7 a.m., Denny's, 408 Westchase Drive, Grand Prairie Pres. Tom Sheehy (214) 395-0143 / tsheehy@prodigy.net

Associate Members

For more information about our associate members. please visit their web sites. If company representatives are available to speak at chapter meetings, their topics and geographic availability is indicated.

TITANIUM PARTNERS



<u>PLATINU M PARTNERS</u> **(1)** HAYWARD

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www.haywardnet.com / 909-594-1600 Fred Manno / fmanno@havwardnet.com John Rodriguez / jrodriguez@haywardnet.com Bob Seward / bseward@havwardnet.com Manufacturer of swimming pool equipment.



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