






SKOKIE VALLEY SAIL AND POWER SQUADRON

DISTRICT 20

Membership Newsletter - Volume 19 Issue 5

Running Lights

May 2019



Read about this
award-winning
robotic lifeguard
in this issue

 **EMILY**
Emergency Integrated Lifesaving Lanyard

May 18-24 is National Safe Boating Week

United States Power Squadrons is America's Boating Club®



A MESSAGE FROM OUR COMMANDER

I am still basking in the warmth of our Change of Watch. It was well attended, the food was good, the room was small but cozy, and the handling of it by Joe Lokaj was friendly. It was actually the first dinner meeting I have managed for Skokie Valley, but with advice and materials from Joe and Sue Lokaj, the task was rather easy. I agree that Sue deserved the Commander's Award. Behind the scenes, she has created some very attractive computer artwork to make us look professional and organized. Examples of her work include the programs at the COW and the bulletins I use for the upcoming ABC Classes.

My theme was "reach out." I used examples of how I became the treasurer of Waukegan Power Squadron when I joined USPS some 21 years ago by asking the Commander for the job when the incumbent moved to Florida. I did the same thing when we needed an SEO to revitalize our education program. Taking on the task of Commander is just another example of this.

We have three marinas hosting ABC classes. I could not figure out how to get beginning boaters to take our classes because I had no idea who they were and where to find them. By reaching out to Larsen Marine to offer one of our seminars to their attendees of the Saturday series they do every spring, I discovered some 30 fresh faces to entice into our program. That was the key! The new boaters show up at the marinas and the boat sales offices. All I had to do was go there, pass around a clipboard, speak a few words, and sell our programs. The turnout was only 8 students, but that was a start. We might do better this year with more people talking about our programs.

It is worth noting that Waukegan has done well with its education program. They had a table at the Open House at Larsen Marine with a banner, an enticing knot tying exhibit, lots of literature, and several people manning the show. They have had a few courses beyond the ABC starting point, using SailAngle to sell their classes. This is a chicken and egg type of problem. Classes might get us some new, younger members, and the new members are the people who would want to take the dozen courses we offer (think of it as an alternate 12 step program). ABC classes have to be the secret sauce to get the ball rolling. I tell each audience to think of the ABC program as a Skipper Saver. Get the rest of the family trained so they can be good boat handlers and have your back if anything goes awry on the water.

Ron Zingler has the other component of our attractive features well planned with terrific activities, great social events, exciting cruises, and even a public service event on the calendar. That is how we can grow our membership and energize our organization – great events, well crafted educational programs, and fun gatherings. Wish me luck in this endeavor, but we can do it.

—Cdr. Rich Davidson, SN



**Skokie Valley Sail & Power Squadron
2019-2020 Bridge**

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	Susan Palazzo, P	847-956-6173
	Don Sidman, JN	847-726-7309





Mark Your Calendar



May 2019

1	Wed	Executive Board/Bridge Meeting, 1900	Yen Yen Restaurant, Buffalo Grove
4	Sat	Rowing Regatta	Crystal Lake
8	Wed	Skokie Valley Breakfast Club, 0900-1000	Market Square, Wheeling
15	Wed	Publication Deadline—Running Lights	Karen D’Amico (630-483-9741)
18	Sat	Cocktails 1300 and Member Meeting 1500	Southport Marina, Kenosha (pg 9)
18-24	Sat-Fri	National Safe Boating Week	www.safeboatingcampaign.com
22	Wed	Skokie Valley Breakfast Club, 0900-1000	Market Square Wheeling

June 2019

5	Wed	Executive Board/Bridge Meeting, 1900	Yen Yen Restaurant, Buffalo Grove
5	Wed	Skokie Valley Breakfast Club, 0900-1000	Market Square, Wheeling
8	Sat	North Point Fishing Trip & Sundowner	North Point Marina (pg 8 & pg 5)
15	Sat	Publication Deadline—Running Lights	Karen D’Amico (630-483-9741)
19	Wed	Skokie Valley Breakfast Club, 0900-1000	Market Square, Wheeling
20-23	Thurs-Sun	Windy City Lake Shake	Burnham Harbor
26-30	Wed-Sun	Summerfest	Milwaukee
29	Sat	America’s Boating Course	Sequoit Harbor (Rich Davidson)

The Life Guard Robot by Gail Sidman

Did you know there are remote controlled robots which can be used for water search and rescue? EMILY, which stands for Emergency Integrated Lifesaving Lanyard, is an unmanned, lightweight, remote controlled rescue buoy. EMILY is the flagship product of the Arizona based maritime robotics company called Hydronalix. CEO Tony Mulligan invented EMILY to provide assistance to marine rescue teams. She’s an unmanned system which takes the rescuer out of harm’s way. EMILY was first used to help lifeguards get to distressed swimmers faster than able bodied first responders. Since 2010, EMILY robotic rafts have been used to rescue people around the world.



Photo of Tybee Island Fishing Pier courtesy of Kimball Hall, Hydronalix

We discovered EMILY on our recent trip to the Savannah area. An emergency vehicle branded EMILY was parked in front of our Bed & Breakfast on Tybee Island. While at the Tybee Island Fishing Pier, we saw a group surrounding a small bright raft on the beach. Employees of Hydronalix were conducting a demonstration of EMILY for local emergency response personnel.

Photo by Gail Sidman

We learned about EMILY from Hydronalix employees at our B&B who had traveled from Tucson, AZ to conduct EMILY demonstrations along the Southeastern seaboard.

Continued on page 4...

Hydronalix is a small company with a permanent staff of 24. Hydronalix and EMILY have been the recipients of numerous awards and recognitions including: US Small Business Administration's White House Tibbett's Award 2015 and Invention of the Year by Popular Science Magazine for Security Category, 2011.

EMILY is now being sold in 32 countries. Director of Sales, Paige Day, noted that Europeans seem more receptive to robotic rescue craft than Americans. Americans may be concerned with job security. However, people will always be needed to deploy EMILY, navigate EMILY and perform CPR or first aid for rescued victims.

See videos at www.emilyrobot.com.au

Photo courtesy of Kimball Hall, Hydronalix



EMILY is a remote controlled lifesaving tool. She provides fast water rescue with speeds up to 24 MPH. Her deep 22 degree hull is designed to track straight through aggressive currents, breach waves and self-right in heavy surf. EMILY is made out of carbon fiber, so she's really strong and lightweight. She is durable enough to survive impact at full speed or in surf with rocks, reefs or pilings.

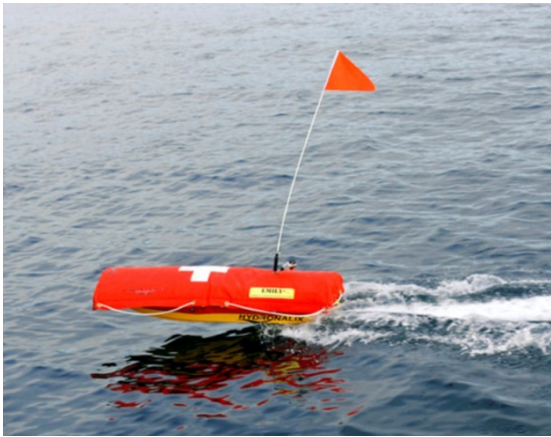


Photo courtesy of Kimball Hall, Hydronalix

EMILY can be deployed from a beach, pier and high-speed boat or dropped from helicopters and high ships. EMILY can be used to provide flotation until a rescuer arrives, deliver life jackets, or pull a recovery rescue line up to 800 yards through strong currents and large surf. EMILY is buoyant enough to hold 6 to 8 people afloat. The Swift Water Rescue version of EMILY is designed for flash-flooding and swift water rescue, and is equipped with a life jacket and helmet. It allows emergency responders to communicate with victims via 2-way radio. It has a flood light for night rescue operations. The newer SONAR EMILY tool provides high resolution bottom imaging for search and rescue professionals.

EMILY was used to help refugees survive journeys crossing dangerous waters. As millions of people fled Syria, some tried to take a shortcut to Europe across the Mediterranean Sea. Many of the boats they used were not equipped for that type of journey. Thousands of refugees died trying to cross. So in 2016, the coast guard off the Greek island of Lesbos partnered with robotic expert Robin Murphy to see if EMILY could help. According to Hydronalix CEO Mulligan, in the first 10 days EMILY was used off the waters of Greece, the robot helped more than 240 refugees make it ashore safely with the Hellenic Red Cross.

Robotic experts continue to work to make EMILY more autonomous, so lifeguards can save more lives. They want it to be possible for lifeguards to send the GPS coordinates of a victim to EMILY, so lifeguards would not have to constantly guide her. They are also looking into ways to use thermal cameras to detect people in the water and automatically slow the raft down as it approaches them. It could be unnerving to have a red raft coming at you at 20 miles an hour.



Photo courtesy of Kimball Hall, Hydronalix



North Point Sundowner June 8, 2019 at 4 pm 7 pm Bonfire



**North Point Marina
701 Northpoint Dr.
Winthrop Harbor, IL 60096**

**Come out and join us for the North Point Sundowner.
Bring beverages and a dish to share with fellow SVPS members.
We will be providing pizza.**

**Dinner will take place on the first floor meeting room
located at the North Point Marina harbor office
Around 7 pm, we will head out to the beach for a bonfire**

**If arriving by boat, contact the marina in
advance for a slip assignment @ 847-746-2845**



**Please RSVP on SailAngle or to Dave or
Sue Anthony @ 224-402-3107
dave-sue-anthony@comcast.net**



YOUR WEATHER REPORT

By Mike Hennessy, AP, Instructor-Weather course



Tornado Season

Although a tornado can happen at any time, it seems that Spring is when we experience them the most. April, May, and June are the time when the central part of the states experience the most tornados. The South sees more tornados during January, February, and March. The southwest and the upper Midwest experience them more in July, August, and September.

A tornado is only a tornado if it touches the ground, otherwise it is just a funnel cloud. A tornado over water is considered a water spout. Water spouts usually occur over the Florida Keys and the Gulf of Mexico.

Tornados can travel as fast as 70 mph, but usually they travel at an average speed of 30 mph. A tornado can have a diameter 300 feet or less, but some have been as wide as ½ mile. They can stay on the ground just briefly and do little or no damage, while other tornados can cut a path on the ground over 50 miles causing all kinds of damage.

Tornados are usually associated with severe thunderstorms and the most intense ones are generated by supercells. Tornados are classified by their destructive effects. They are referred to Enhanced F – Scale which has six categories ranging from Weak – EF0 (winds 60-85 mph) to Violent - EF5 (winds greater than 200 mph)

There are tornado watches, which mean conditions are favorable for a tornado to form. Then there is the tornado warning, which means a tornado has been seen or observed on Doppler radar. If a watch or warning is announced, you should check with your weather channel to determine if you are in an area that projected to be affected by the Tornado. If you are, you should seek safety in a sturdy building away from windows and under something strong. You should avoid being in an automobile or a mobile home. If you are caught outdoors, go to a ditch or a ravine and lie down. If you are in a boat, steer away from its path which is usually Southeast.

OUR GREAT LAKES, OUR GREATEST RESOURCE

Keep your marina clean! It's a good reminder as everyone starts to launch their boats. The maintenance, operation and storage of recreational vessels have the potential to pollute both air and water.

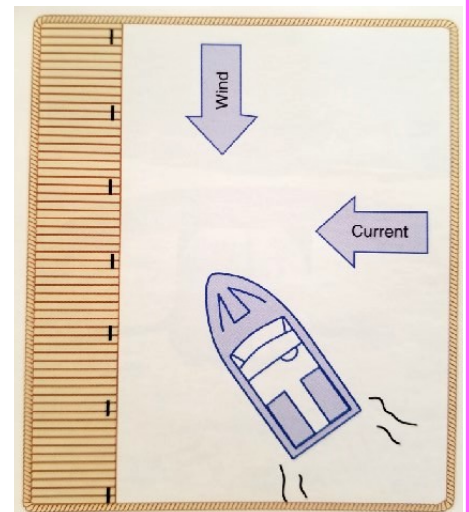


Contaminants include dust from hull maintenance operations, solvents from engine repair activities, petroleum from fueling practices and bilge releases, sewage discharges from boats, and heavy metals from antifouling paints. These pollutants may be deposited directly into waterways, or they may be carried in by storm water runoff.

By no means are the marinas and boaters the only contributors to environmental degradation. In fact, in some states like Wisconsin, the largest sources of pollution are soil erosion, animal manure, fertilizer and pesticide runoff from farms. Even commercial and residential development along the lakefront can contribute to environmental issues with our waters.

It's the accumulation of all our activities that can have negative consequences. But if we each take responsibility for the part of the problem we can control—even if it seems insignificant—the cumulative result will be a cleaner, healthier environment.

CAPTAIN AHAB'S QUIZ



When docking in general, which factor—wind or current—will have more effect on the maneuver?

(see answer on back page)

Tom Clark, AP, Contributing Editor
Courtesy of Perchant Publishing



SVPS 2019 Event & Cruising Schedule



When	Event	Location	Host
May 4th	Rowing Regatta	Crystal Lake	Gary Vinzant
May 18th	Cocktail Hour	Gotta Love It, Southport Marina	Ron Zingler
May 18th	Dinner Meeting Casa Capri	Kenosha	Ron Zingler
June 8th	Fishing Trip & Sundowner	North Point Marina	Dave and Sue Anthony
June 20th-23rd	Windy City LakeShake (Country Music Festival)	Burnham Harbor	Ron Zingler
June 26-30th	Summerfest	Milwaukee	Ron Zingler
June 29th	America's Boating Course	Sequoit Harbor, Antioch	Rich Davidson
July 13th 1600	Flareshoot	Bay Marine	Rich Davidson
July 11th	COSI (Children's Oncology Services) Boat Day	Southport Marina	Ron Zingler
July 19th-27th	Summer Cruise to Sturgeon Bay, Bailey's Harbor, Algoma	Starting at Southport Marina	Dave Anthony, Tony Palazzo
July 22nd-Aug 10th	Cruise to Pure Michigan	Sturgeon Bay	Ron Zingler
July 27th-July 30th	Cruise to Tall Ships	Milwaukee/ Port Washington	Mike Ludtke
August 1-4th	Tall Ships Festival, D20 C&R	Southport Marina	Mike Ludtke
August TBD	Hob Nob Outing	Racine	
September 14th	America's Boating Course	Bay Marine, Waukegan	Rich Davidson
September 15th	Dinner Meeting	Club Casa, Des Plaines, IL	Ron Zingler
October 19th	Dinner Meeting	Port Edwards, Algonquin	Ron Zingler
November 16th	Anniversary Dinner	Saddleroom, Hoffman Estates	Ron Zingler
December 15th	Commander's Holiday Party	Lake Forest, IL	Rich Davidson



Friday May 17th is
Wear Your Life Jacket to Work Day
 ~~~~~  
 Snap a picture while at work and share  
 on social media hashtag  
**#lifejacket2work and #safeboating**

# It's Back...SVPS Lake Michigan Fishing Trip Saturday June 8th @ 5:30 AM North Point Marina, Winthrop Harbor

Join us on Lake Michigan to catch the big one.  
We will leave North Point with as many boats as we  
need to accommodate all fisherman/fisherwomen.  
Family and friends are most welcome.



**Fishing begins at 0530 (North side of harbor)  
North Point Marina, 701 North Point Drive, Winthrop Harbor, IL**

Price depends on how many people join. Estimated at \$100 to \$125/person plus 1 day license from charter captain (approximately \$7). Commitment required. If you are registered, payment is required for no show.

Winners Pool for "Largest Fish", "Most Fish" and the best fishing story

North Point Sundowner begins at 1600 to 1900 with bon fire to follow

**Kindly respond by May 10th, 2019 to reserve the boats  
Dave Anthony @847-343-4852 [dave-sue-anthony@comcast.net](mailto:dave-sue-anthony@comcast.net)**



# SVPS May Dinner Meeting

## Saturday May 18th 2019

### 3 PM Zingler's "Gotta Love IT"

### 5 PM Ashling On The Lough Irish Pub

Our May dinner meeting begins with refreshment hour aboard "Gotta Love It" and a short walk to the Irish Pub for dinner. Ashling On The Lough is a traditional Irish Pub who has perfected Irish comfort food.



*Cocktail Hour @ 1500*  
*Gotta Love It—Dock H419*  
*Southport Marina*  
*97 57th Street*  
*Kenosha, WI 53140*



*Dinner @ 1700      Cost \$30*

### *Ashling On The Lough*

*Entrees: Choice of Chicken Shannon, Guinness BBQ Sandwich, Angus Burger, or Fish & Chips*  
*Includes: Irish root soup & salad, bread pudding for dessert, soft drinks, coffee, tea & iced tea*

**Kindly RSVP by May 8th**  
**Ron Zingler @ 847-634-3806**  
**zinglereron@comcast.net**





Our new Commander: Rich Davidson with Bonni Breen



Our new Bridge: Don & Gail Sidman, Sue & Tony Palazzo, Pat Antoni, Jim Soyka, Dave & Sue Anthony and Rich Davidson



Ron Zingler finally takes home the Boner Award



Joe presents Rich with his Commander's flag



Joe presents Sue Lokaj with the Commander's Award



Rich Barta



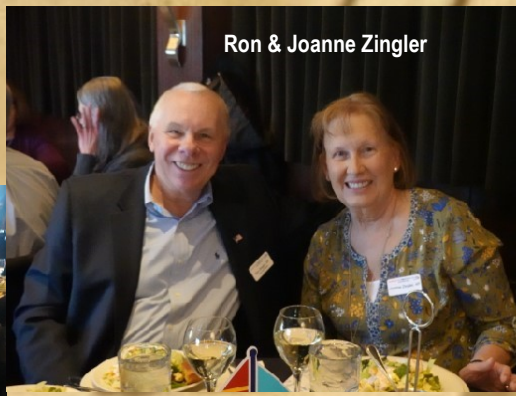
Joe Lokaj ready to fly his Past Commander's flag again



Lori Zwang, Jim & Mary Soyka



Kathy & Keith Parker



Ron & Joanne Zingler



Lorraine & Gary Vinzant



Pat & Al Antoni



Sue & Dave Anthony



Karen & Frank D'Amico



Sue & Tony Palazzo

# Marshall Point Lighthouse

Port Clyde, Maine

Coordinates: 43°56.2'718"N 69° 15'40.568"W

The lighthouse was first built in 1832. It was rebuilt in 1858 and automated in 1971. The lighthouse was named after Samuel Marshall who sold 4 acres of land to the United States Government and they later added additional acres to make the site 6.5 acres with ¼ mile of shoreline.

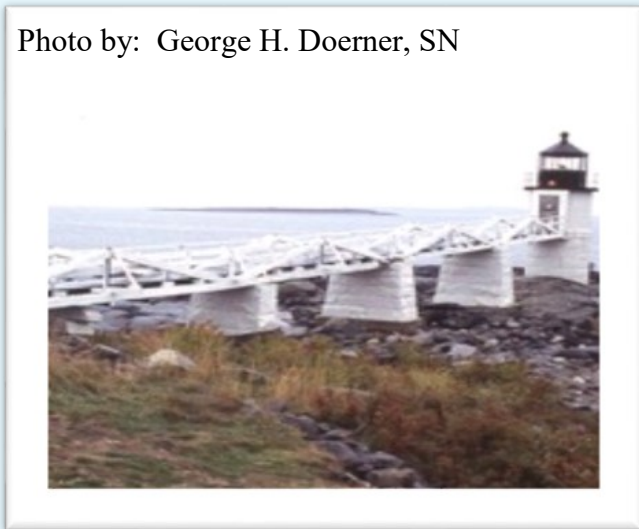
In 1858 a new tower was built on the present site at the water's edge. The first 12 feet are made of granite and the remaining feet are made of brick. To get out to lighthouse there is a wooden walkway to the rocky landing of the lighthouse. The walkway rises to about 6 feet to the entrance of the lighthouse.

The lighthouse is just a short distance from the very picturesque fishing village of Point Clyde. This village has great restaurants and a real busy working harbor that is fun to watch with all its action. This town is a tourist's dream with art galleries and shops and an ice cream shop for George.

There was series of stories written by Jane Scarpino and illustrated by Robert Clyde that were set at the lighthouse. These are children's books about a quick-witted, wired haired terrier dog that has many adventures at the Marshall Lighthouse.

Submitted by: Bridget Doerner, N

Photo by: George H. Doerner, SN



## May Anniversaries

|                         |      |        |
|-------------------------|------|--------|
| Sue Anthony             | 2011 | 9 yrs  |
| Stuart Zwang            | 2000 | 20 yrs |
| Rich Davidson           | 1998 | 21 yrs |
| Leo Cannon              | 1993 | 27 yrs |
| Charles & Robert Schult | 1991 | 29 yrs |
| William Bellinger       | 1988 | 33 yrs |
| Frank Zimmerman         | 1979 | 42 yrs |
| T. Cepuritis            | 1967 | 54 yrs |

Congratulations on reaching another milestone with the squadron. We appreciate your support!  
**Cdr Rich Davidson, SN**

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18/23

# Running Lights

Skokie Valley Sail and Power Squadron

**FROM:**

P/D/C Karen D'Amico, AP  
1240 Bison Lane  
Hoffman Estates, IL 60192

**TO:**

**FIRST CLASS MAIL**



Be sure to visit our websites:

**Skokie Valley Sail & Power Squadron:**  
[www.skokievalleypowersquadron.org](http://www.skokievalleypowersquadron.org)

**District 20:** [www.uspsd20Boating.org](http://www.uspsd20Boating.org)

**USPS:** [www.AmericasBoatingClub.org](http://www.AmericasBoatingClub.org)



Captain Ahab answer:

Current. One knot of current, depending on your draft, may equal 30 knots of wind



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