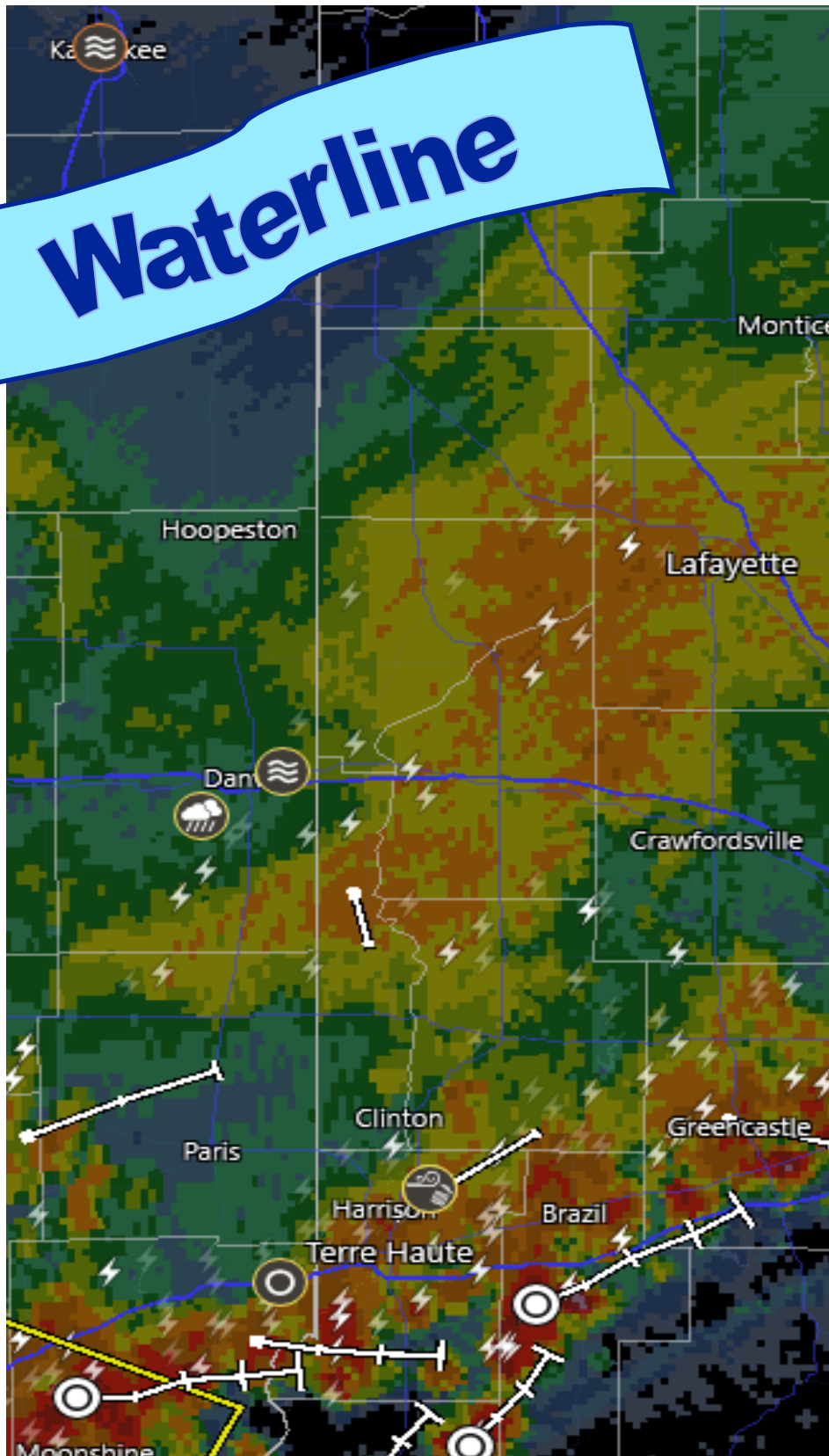


August 2021



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**It's summer!**

**And it's raining. Which is a LOT better than it was this time last year, so go sailing!**

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*Lafayette Sailing Club*  
located on Lake Freeman, Indiana



*Ahoy, sailors!*

We're on the back half of a beautiful sailing summer, the lake has stayed up all year and the weather has been pretty merciful, much better than our last summer! I hope you'll all join me in my yearly mid-western sailing tradition as we approach the season change, and start pricing out cold weather dry-suits and doing the math on how many extra weeks of sailing they'd buy into the fall. One of these years...

We've got a couple more weeks of racing scheduled into mid-October, it's not too late to come out and earn some points! If competition isn't your speed, we're also continuing the Wednesday Navy, come on out after work any Wednesday with nice weather (or okay weather, or weather that's a little bad but not too bad) and join us for some more relaxed sailing. Otherwise, I hope to see everyone at fall's harbor cleanup and the end-of-season banquet!

Have a wonderful winter and fall, and may everyone have a warm spot for boat maintenance through the cold season

*Jacob Bleier*

*Commodore, Lafayette Sailing Club*



## Membership Highlights

Membership in the Lafayette Sailing club is open to anyone. Membership applications can be downloaded from the club website at [www.lafayettesailingclub.com](http://www.lafayettesailingclub.com).

New applicants must obtain the signatures of two active members as sponsors before submitting an application. One way to obtain the required signatures is to visit the LSC Harbor at Lake Freeman on a weekend during a scheduled activity, e.g. races, etc..

All memberships are family memberships. There are three levels of membership with different costs and privileges. There is also a new member price at each level for a families first year of membership. All memberships include the use of club sailboats, as well as attendance at all LSC activities.

Membership with voting rights, harbor launch privileges and (1) boat storage—\$285/\$225 (first year)

Additional boat storage for any class of member is \$85/year/boat.



Commodore-Jacob Bleier



Vice-Commodore—vacant



Recording Secretary—  
Dianne Atkinson



Treasurer—David Klenosky

## Directors

Membership —Rex Henthorn,  
Bill Ferner

Club Fleet — Jim Keller, Randy Carie

Race —Michael Nolan, Jacob Bleier

Grounds—Carl Griffin

Social—Rosie Caldwell

Cruising-Rex Henthorn, Mike Nolan  
and others

Communications—Michael Nolan

## Members at Large

Dave Dugger

Lewie Wallace



# LSC Calendar

**All Saturday races start at noon**

**Sunday 1pm is the rain date**

Saturday, August 21	Racing, noon
Saturday, August 28	Racing, noon
Saturday, September 4	<b>no racing</b>
Sunday, September 5	<b>no racing</b>
Wednesday, September 8	BOG Meeting 7pm
Saturday, September 11	Racing, noon
Friday, September 17	Moonlight sail
Saturday, September 18	Racing, noon
Saturday, September 25	Racing, noon
Saturday, October 2	Racing, noon
Saturday, October 9	Racing, noon
Wednesday, October 13	BOG Meeting, 7pm
Friday, October 15	Moonlight sail
Sunday afternoon, October 10th	Fall Banquet (location TBD)
Saturday, October 23rd	Harbor Cleanup, 10am
Wednesday, November 10	BOG Meeting, 7pm

# Saildrone Launches First Freshwater Mission in the Great Lakes

Two Saildrone Explorers were deployed from Lake Macatawa in Michigan to collect fisheries data in Lake Michigan and Lake Huron on behalf of the USGS Great Lakes Science Center.

Saildrone's fleet of uncrewed surface vehicles (USVs) has proven its data collection capabilities over seven years of operation from the Arctic to the Antarctic. Now, these ocean drones have entered a new maritime domain—the Great Lakes.

Two Saildrone Explorers were deployed from Macatawa, MI, for a 45-day fisheries mission on behalf of the US Geological Survey (USGS)'s Great Lakes Science Center (GSLC).



While Saildrone has operated missions for scientific data collection, mapping, and maritime domain awareness in every ocean on the planet, this is the first Saildrone mission on any freshwater body.

North America's Great Lakes make up the world's largest freshwater ecosystem. The Great Lakes support a \$7 billion commercial and recreational fishing industry, but human-caused and natural changes like degraded habitat, climate, and invasive mussels threaten the health of popular fisheries like lake trout, whitefish, walleye, and northern pike.



The two Saildrone Explorers were deployed from Lake Macatawa on the west coast of Michigan and will sail north through Lake Michigan, under the Mackinac Bridge, and into Lake Huron during the 45-day fisheries mission.

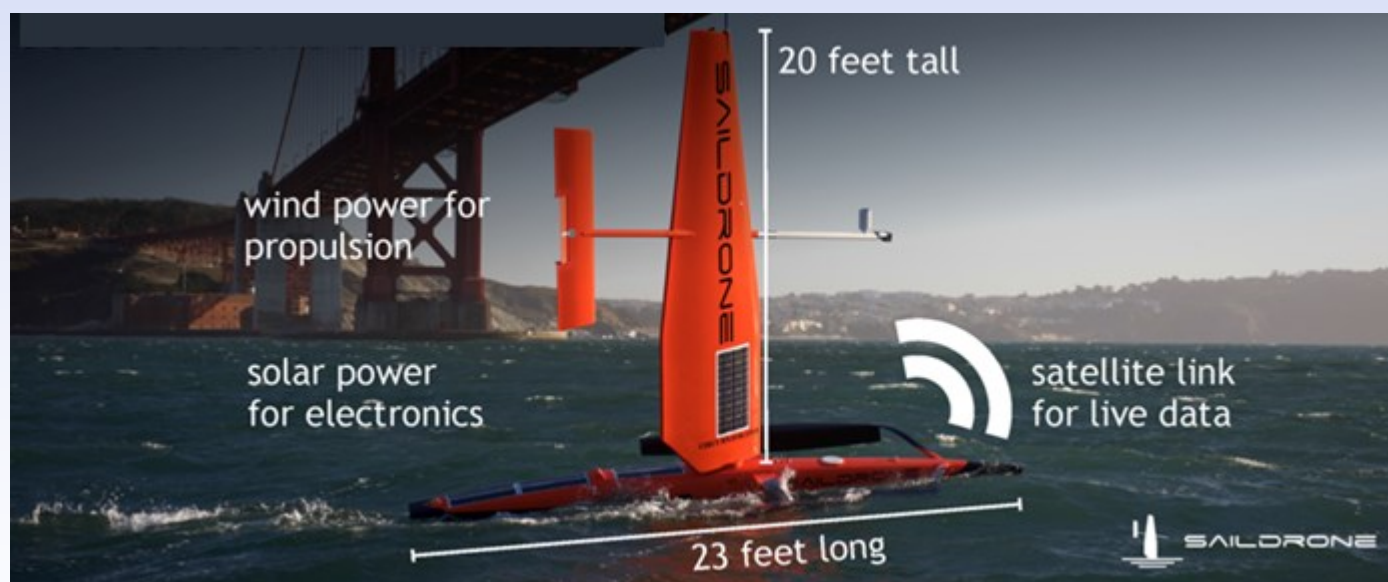
The standard Saildrone sensor suite includes science-grade instruments to collect air, sea, and skin temperature, wind speed and direction, relative humidity, barometric pressure, photosynthetically active radiation, salinity, dissolved oxygen, chlorophyll, and wave height and period. Saildrones can also measure ocean current speed and direction and air-sea carbon exchange. While the saildrones collect fisheries data on the Great Lakes, they

will simultaneously be collecting meteorological data, which will be used by the National Weather Service to inform weather forecasting. The vehicles were deployed on July 28, and the mission officially begins on August 5th.

Saildrones are not single-mission vehicles; they are designed for multiple deployments over their long lifespan. SD 1046, one of the two saildrones operating in the Great Lakes this summer, was previously deployed from Saildrone headquarters in Alameda, CA, on the San Francisco Bay to sail across the North Pacific Ocean to the Bering Sea where it performed the 2020 Alaska pollock survey on behalf of the National Oceanic and Atmospheric Administration (NOAA)'s Alaska Fisheries Science Center (AFSC). In 2019, SD 1046 was one of seven saildrones to perform a 60-day fisheries mission along the US West Coast from Cape Flattery, WA, to San Diego, CA.

The second saildrone, SD 1032, was previously deployed to the North Sea for a fisheries mission on behalf of Norway's Institute of Marine Research.

This summer, the Saildrone fleet is simultaneously operating missions in the Pacific Ocean, Bering Sea, and Atlantic Ocean collecting valuable ocean data for climate science, fisheries, and ocean mapping. The 72-foot Surveyor completed its first ocean mapping mission from San Francisco to Hawaii in early July, and a group of Saildrone Explorers equipped with special "hurricane wings" was deployed from Jacksonville, FL, and the US Virgin Islands mid-month to collect data from inside Atlantic hurricanes.



## Semi-useful Sailing Trivia

Sailing is an Olympic sport. When was the first time it was included on the Olympic program?

Answer: 1896

Sailing was introduced into the Olympics at the Games held in Athens, Greece in 1896. Although sailing was on the program for that year it could not take place because of weather concerns. Sailing was not included in the 1900 Olympics, but returned to the regular program in 1904.



When did the race that started the "Quest for the America's Cup" happen?

Answer: 1851

In its many years of history, the quest for the Cup has undergone many changes from the original race in 1851 to the present day. Not only in the type of boats competing but the people sailing them. Still, it breaks down to a contest between one defender and one challenger, head to head.

What type of sailing yacht was the original "America", which gave its name to the America's Cup?

Answer: A schooner

The original "America" was a 110-ton, two-masted schooner. Typical of her day, she was gaff rigged (main and foresail four squared, held and controlled at the upper leach by a wooded pole or Gaff.) She was 101 feet LOA (length overall), 23 foot beam, and had a draft of ten feet. She carried three cannons, perhaps to defend against sore losers in the race.

She was built on the lines of a New York pilot boat, specifically to compete in this race. She sailed to England, in 1851, in response to an invitation, issued to the New York Yacht club, by the Royal Yacht Squadron of England. America competed against 14 other sailing yachts in the "Around the Island" (Isle of Wight) race, which is still held in the 21st century.

## Where would you put a baggy wrinkle on your yacht?

Answer: On a shroud

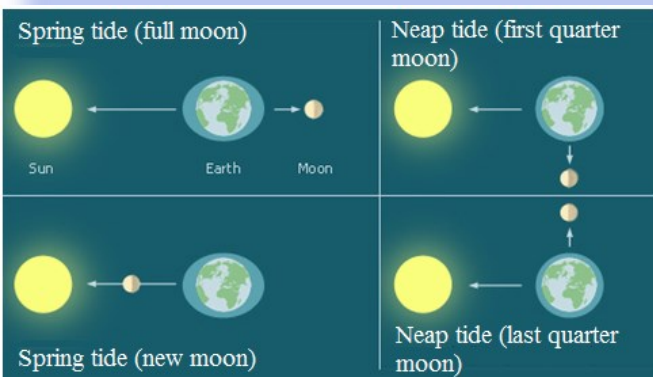
Baggy wrinkles are used to prevent sail chafe and are usually attached to the main shrouds, port and starboard. They can be used on any shroud that may rub against a sail. They were traditionally made by sailors out of old lines cut to various lengths and attached to a central core to form a sleeve.



## What is the derivation of the word "yacht"?

Answer: From the Dutch for "hunter"

Yachting for pleasure and sport began in Holland in the late 16th century. The word "yacht" comes from the old Dutch, *jacht*, an abbreviation of *jaghtschip*, "hunting ship". These original yachts, which were made for the rich and noble, were 14 to 20 metres (45 to 65 feet) and were fast and maneuverable.



## What is a neap tide?

Answer: Tide whose range is minimal

Neap tides occur just after the 1st and 3rd quarters of the lunar cycle. These tides occur when there is least difference between high & low water, though sailors usually call the few days each side of neap tide "Neaps". At

"neaps", you are less likely to run aground as sea level at low water doesn't go down so much. Conversely, there will be less depth over obstructions at high water than would be the case at higher, i.e. spring tides.

## Where would you use a pig stick on your yacht?

Answer: At the top of the main mast

The pig stick is used to fly your yacht club burgee. The pig stick is designed to be hoisted by a small halyard to the maintop so that the burgee flies above the mast and is free to rotate to show the direction of the apparent wind.





## 2022 BOG Membership

The Board of governors (BOG) is always looking for member input and/or new members. The BOG meets (usually over dinner and drinks) about 10 times per year to run the club. Not really a lot of work, but a great way to learn a lot about the club, learn about sailing, and it gives you a great reason to hang out with the rest of us once a month!!!

You can join us if you want; either as an official BOG officer or just as a member. No experience necessary. Just let Commodore Bleier or Mike Nolan know and we can get you the meeting schedule time and place.

### **LSC has teamed Up with BoatU.S!**

BoatU.S. provides a vast range of services, information and savings to recreational boaters, including:

- Members-only discounts and Member Rewards with West Marine equipment purchases
- Discounts on fuel, overnight slips, and repairs at more than 900 marinas nationwide
- BoatU.S. will pay up to \$50 per incident On-The-Water Towing with your basic membership
- Access to high-value, low-cost group-rate boat insurance
- Full year subscription to the award-winning BoatU.S. Magazine

Now you can get 50% off of annual Membership dues when you join the nation's largest association of recreational boat owners. You pay one-half of the regular BoatU.S. dues of \$30 – that's just \$15.00 a year! For more information, go to <http://www.boatus.com/> and be sure to mention our Co-operating Group ID number GA84516S to get the specially reduced rate.



## LSC website update!

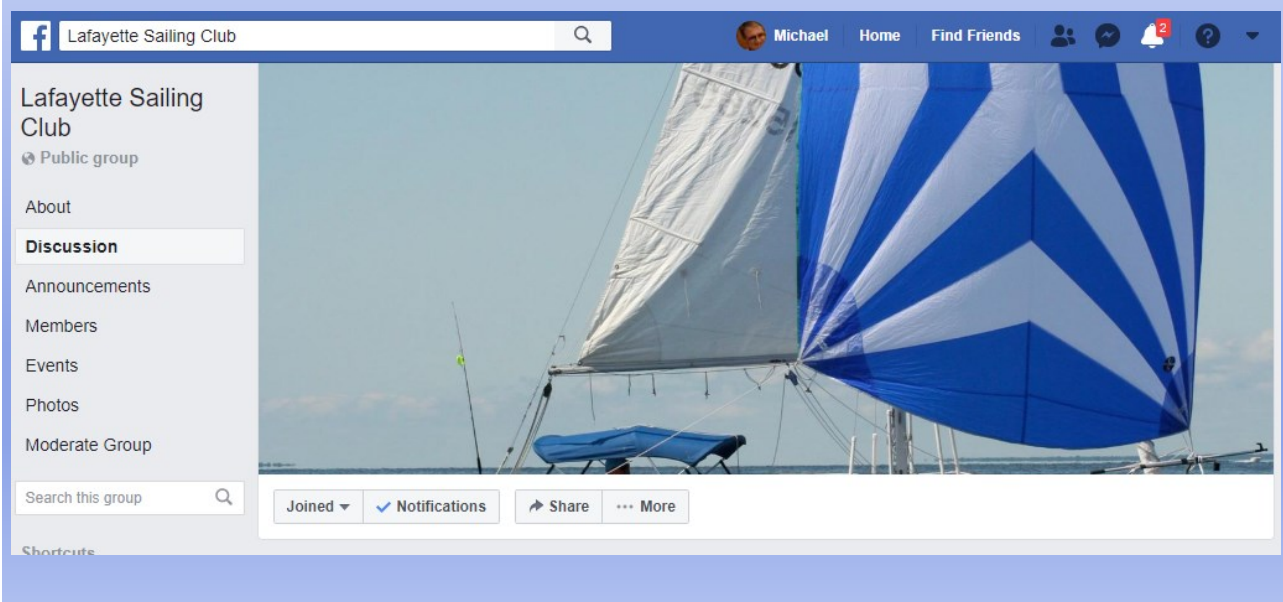
Check out the updated LSC website at <https://lafayettesailing.com/>

You can find all sorts of useful information and pictures there including membership registration forms as well as event dates, contact information, newsletter archives and more!

**The weather section of the website has been added to and made more prominent. There are a lot of new inks including wind forecasts, weather radar and a weather blog.**

## Find us on Facebook

The Lafayette Sailing club has a Facebook presence. We will try to post pictures, news events, and invitations to activities. It's a good way to get ourselves out in front of the community. Check us out, join the group, and contribute your pictures!!!



# Look good this sailing season!!!!

## Club logo apparel available!

LSC has partnered with Coral Reef Sailing to produce LSC logoed apparel and other items. The apparel is high quality and includes the LSC logo and name on each item. Two more lines of custom text can be added to most items if you wish. LSC receives a small percentage of each sale, so your purchases help out the club! LSC has been added to the SHIPS STORES link on Coral Reefs ships stores page, but you can directly access our page at <https://www.coralreefsailing.com/index.php/club/lafayette-sailing-club.html>.



Cotton Hat (Lafayette Sailing Club)

★★★★★  
\$22.00



Unisex Mesh Polo (Lafayette Sailing Club)

★★★★★  
\$32.00



Men's Short Sleeve Tech Shirt (Lafayette Sailing Club)

★★★★★  
\$32.00



Men's Long Sleeve Tech Shirt (Lafayette Sailing Club)

★★★★★  
\$35.00



S/S Adult Cotton Tee (Lafayette Sailing Club)

★★★★★  
\$22.00



Columbia Women's Benton Springs (Lafayette Sailing Club)

★★★★★  
\$62.00



Columbia Men's Steens Mountain Fleece (Lafayette Sailing Club)

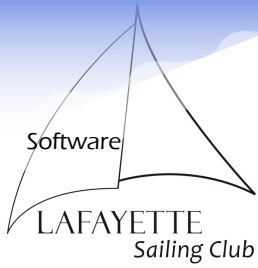
★★★★★  
\$60.00



Unisex Hooded Rugby Pullover (Lafayette Sailing Club)

★★★★★  
\$58.00





The Lafayette Sailing Club is an organization composed of individuals and families interested in sail boating and sail boarding. The club was originally formed in 1969 by a small group of Purdue University and Lafayette area individuals interested in sail-boat racing.

Membership is open to anyone interested in sailing. The club maintains it's own harbor on Lake Freeman. Members may park their boats at the harbor. The club also owns three sail-boats available to any member.

Membership information can be obtained at <http://www.lafayettesailing.com>

