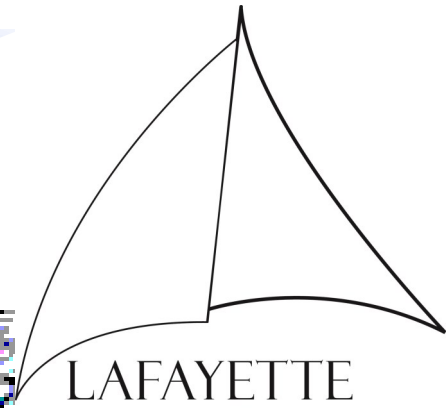


October 2016

Waterline



LAFAYETTE
Sailing Club

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Sailings not over!

The summer may be close to being over, but not sailing activities.

Racing has just ended, but the Wednesday Navy is still active.

The water is warm, the evenings are cool, and most of the motorboats have left the lake!

The Fall Banquet is upcoming where we will hear about the summer cruising, give out racing awards, and generally enjoy one another's company!

See you on the lake! And at the banquet

Lafayette Sailing Club

located on Lake Freeman, Indiana



Commodores Message

Randy Carie



Hello Sailors,

The summer has completely flown by and autumn is upon us. Our Summer Club cruising, racing, and picnics will be memories of 2016 forever. The Summer Cruise to the Mackinac Island area included a lot of social time, sailing, and wining and dining. The Summer Club racing might have gotten off slow, due to inclement weather, but has prevailed with excellent participation and great weather. Congratulations to all of the Club racers. The Club picnics, always a favorite, have been well attended by the Club membership with plenty socializing and feasting. Sailors in The LSC Wednesday Navy are still sailing. If you haven't started sailing on Wednesday, consider it, the lake is changing with the season and it's a nice time to sail.

Save the Date: Friday, November 11, 6pm, The Oakdale Inn Banquet Room.

The LSC 2016 Fall Banquet will be Friday, November 11th, 6pm, at the Oakdale Inn Banquet Room. Social hour, with appetizers, begins at 6pm, dinner at 7pm. This will be a great place for the LSC to have its annual Fall Banquet. Expect a wonderful dinner, choice of three entrees, the awards presentation, social time, picture show, a small business meeting. RSVPs will be collected. We'll be collecting \$25.00 per person at the door.

Save the Date: Sat, Nov. 12, 10am/12pm, Harbor Clean-up Day and Chile-Fest

The LSC Harbor Appreciation Day / Chili-Fest was pushed into November to get a better day for doing work outside, with the expectation that the leaves would be off of the trees. It might seem late in the season for a Clean-up Day, but remember the day also includes a Chile-Fest. So, we'll get our work done early and enjoy the Chili-Fest. Club members commonly assist with autumn lawn chores, securing the committee boat and Club sailboats, and small equipment winterizing. Then, adjourn to the tables and sample the many flavors of chili brought by the members. Club members are very welcome to only attend for the Chili-Fest. The Club will provide beverages and tableware. Club members can bring their favorite recipe of Chili Soup and lawn chairs.

I'd like to thank the Club membership and Board of Governor's for a wonderful year. It's the people that make a Club great, and this is a great Club.

Randy Carie



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.

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)

Membership with voting rights, but no harbor launch privileges or boat storage—\$245/\$185 (first year)

Membership with no voting rights, harbor launch privileges or boat storage—\$75/\$55 (first year)

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



COOPERATING GROUP PROGRAM

As a member of Lafayette Sailing Club
a Cooperating Group with BoatU.S., you are invited to
become a BoatU.S. Member at a special discounted rate:

50% OFF BOATU.S. MEMBERSHIP
Regularly \$30— Your Price: **\$15!**

BOATU.S. COOP #: GA 84516 S

New BoatU.S. Members:

Sign up online (www.boatus.com/join) or call 800-395-2628.
Mention the BoatU.S. Coop# above.

Existing BoatU.S. Members:

If you are not currently receiving the discount, please email membership@boatus.com or call 800-395-2628. Mention the code BoatU.S. Coop # above.

Board of Governors

Officers



Commodore-Randy Carie



Vice-Commodore—Donna Keller



Recording Secretary—Carl Hagar



Treasury Secretary—David Klenosky

Directors

Membership —Bruce Borrer

Club Fleet —Bruce Borrer

Publicity —Kirk Gilbert

Race —Steve Titolo

Sailing School—Michael Nolan

Grounds—Ron Reehling

Website—Deac Karns

Ships Store—Barbara Nolan

Social—Donna Keller

Cruising-Kirk Gilbert

Newsletter—Michael Nolan

Members at Large

Voting Member—Rex Henthorn

Voting Member—Sam Guffey



Easy Boat Mods

Replace your old incandescent running lights with LEDs!

Ever thought about upgrading your running lights to LEDs? Its pretty cheap and easy.....just ask Deac Karns who modified his Catalina 22 running lights in one afternoon. Converting the old festoon style light bulbs with new, and more efficient LED bulbs commonly available at any auto parts store near you is relatively easy, painless, and inexpensive.

The bulb size is 6411 which is also the same size as 578, either one will work. Make sure you get cool white and not the ones that have more blue wave-length in them as they will make your green navigation light look more blue and will not conform to USCG lighting requirements.



Start by removing the navigation fixtures lens cover by unscrewing the two philips head screws, and remove the old festoon bulb from the metal contacts. You will notice that the metal contacts have been pressed to create a dimple that is meant to recess into the top and bottom of the original festoon bulbs.





Next, grab a drill, and using a piece of wood to keep the metal contacts from bending or possibly breaking while you drill, and drill out the center of the bulb holders dimples. Use a drill bit that is slightly smaller than the dimple in order to maintain backwards compatibility.

After you have drilled both of the metal contacts, the new LED bulbs will set right in the holes without bending or any further modification of the bulb holder.



LEDs use a fraction of the power that a regular incandescent lightbulb does, extending your battery life immensely!

Note:

LED bulbs are directional, meaning that they will not work if they are put in backwards. Save yourself some headache and test each of the lights once they are installed before you put the lens covers back on.



LSC Race Scoring Explained

A lot of people wonder how sailboat races are scored. There are two types of sailboat race scoring systems; low point and high point. Both are sanctioned by US Sailing for use by sailing clubs.

Low Point systems are most commonly used in regattas or championship events where the number and type of boats don't change between races, and boats don't miss any races! It's pretty simple to understand; the number of points you receive is equal to your finishing position. At the end of the regatta, the least amount of points wins. This system works great for a regatta that spans one or more days and the competitors don't change. But when you try to use this system in a series of races in which the number of competitors changes, the low point system falls apart.

The Low Point Scoring system is appropriate for regattas held over a weekend or a championship or race week held over several consecutive days. The High Point system is better suited for long series races (such as the LSC summer series) and is used by LSC for both the regular races as well as regatta scoring. To compensate for the large number of regatta races and racers, a maximum of 6 points can be earned for winning any regatta race.



High Point Scoring

High point scoring is the simplest of the mixed series scoring methods. Instead of getting a score based on your finishing position, your score is the total number of boats you beat, plus 1. For example, in a race of 6 boats, first place would receive 6 points, second place 5 points, etc. If you received a DNF, you would receive 0 points.

There are two big advantages to this system. Because it's simple, competitors can do the mental gymnastics in their head and don't need a calculator to figure out how they need to perform in order to move ahead in the standings. This system also sets a "weight" for each race so that a first place in a fleet of 15 is worth more than a first place in a fleet of 4. But how do you handle a mixed fleet of boats; you handicap them!

US Sailing has compiled results from years of sanctioned races, performance data that compares different boats to one another. If, for example, nationwide, over the last 20 years, sailboat model "X" on average always beats a model "Y" by 10%, it is assumed that sailboat model "X" is just 10% faster, either through its design, sail area, etc... To make a mixed fleet more competitive therefor, model "X" would be given a 10% handicap. In other words, if "X" beat "Y" by 9% in a



Boat	Handicap	Boat	Handicap
Bandit-15	97.9	Lightning	87.0
Buccaneer-18	86.9	M-Scow	89.3
Butterfly	108.3	MC-Scow	87.8
C-Scow	79.1	Minifish	113.4
Catalina-14.2-(Capri)	99.4	Mutineer-15	96.0
Catalina-22	96.3	Pintail	105.0
Dolphin-17	97.5	Porpoise	114.6
E-Scow	72.6	Rhodes-22	100.6
Finn	90.1	Sunfish	99.6
Flying-Dutchman	80.1	Super-Sunfish	100.7
Force-5	95.4	Tasar	88.2
Kestrel	91.6	Thistle	83.0
Laser	91.1	Widgeon	122.6
Laser-II	92.8	Zuma	103.2

given race, "Y" would be called the winner as she outperformed her handicap.

US Sailing handicaps start at a mean of 100.0. Any boat "faster" than average will be given a handicap number of less than 100.0. A "slower" design would be issued a handicap greater than 100. Some of the handicaps for boats commonly sailed in LSC are listed above.

Each race is scored separately. Timing begins at the yellow flag (10 minutes before the race). The race timers write down the elapsed time as each boat crosses the finish line. The formula to determine the handicapped (or what is called "corrected time") is **elapsed time divided by handicap value times 100.**

For example:

Elapsed time	40:15
Subtract 10 minutes to account for the time between the yellow and the start flag	30:15
Convert time to seconds	1815 seconds
Look up handicap (assume a Capri 14 in this example)	99.4
Apply the handicap by dividing the time by the handicap, then multiplying by 100 (1815/99.4*100)	1826 seconds
Convert back to minutes and seconds	30:26
This results in the "corrected time" and is used to place each boat. The "fastest" boat wins!	

Points are then awarded for each race with the "fastest" time awarded the most points. For example, if 6 boats were racing, the "fastest" boat would get 6 points, the "slowest" boat would get 1 point. High Point scoring also eliminates the need for "make up" races as every race is counted in the final score. At the end of the season, the points are added up and a new club champion is crowned!



Final Summer Racing Results

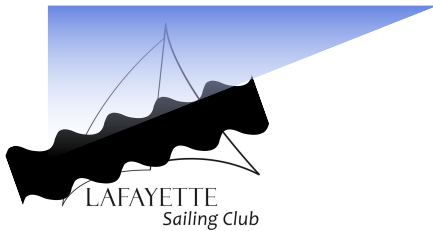
The numbers indicate the points awarded for each race as well as the total points for the summer.

Skipper	Date												Skipper
	21-May	21-May	21-May	12-Jun	12-Jun	12-Jun	18-Jun	18-Jun	18-Jun	25-Jun	25-Jun	25-Jun	
Gilbert	4	8	8	5	6	5	5	5	5	2	2	2	Gilbert
Nolan, Barb	8	5	6	3	3	1	4	1	2				Nolan, Barb
Titolo	9	7	9				6	6	3	3	3	3	Titolo
Keller, Dave	7	9	10	1	1	2	1	4	7				Keller, Dave
Carie				6	5	6							Carie
Klenosky	5	2	3										Klenosky
Rossman	10	10	7										Rossman
Henthorn				4	4	4							Henthorn
Reehling	2	4	1	1	1	3	2	2	1	1	1	1	Reehling
Eismin	6	6	5										Eismin
Nolan, Mike	3	3	2	1	1	1			4				Nolan, Mike
Keller, Jim	1	1	4	1	1								Keller, Jim
Guffey							3	3	6				Guffey
Keller, Donna				1	1	1	1	1	1				Keller, Donna
Wallace				2	2	1							Wallace

Skipper	Date												Skipper
	9-Jul	9-Jul	9-Jul	24-Jul	24-Jul	24-Jul	30-Jul	6-Aug	6-Aug	6-Aug	7-Aug	7-Aug	
Gilbert				3	4	2	9	4	4	2	3	1	Gilbert
Nolan, Barb	3	4	4	4	3	4	5	3	1	1	1	1	Nolan, Barb
Titolo				5	6	5	8	6	6	3	5	5	Titolo
Keller, Dave							6	1	5	6	6	6	Keller, Dave
Carie				6	5	6		5	1	5	4	4	Carie
Klenosky	1	3	3	1			3	1	2	1	1	1	Klenosky
Rossman	2	5	5					2	3	4	2	3	Rossman
Henthorn				3	3	4	2	1	1	1	1	2	Henthorn
Reehling		1	2	1	2	3		1	1				Reehling
Eismin							7						Eismin
Nolan, Mike	2	2	3	2	1	1	4	1	1	1	1	1	Nolan, Mike
Keller, Jim									1	1	1	1	Keller, Jim
Guffey													Guffey
Keller, Donna							1	1	1	1	1	1	Keller, Donna
Wallace								1	1	1	1	1	Wallace

Skipper										Skipper
	13-Aug	13-Aug	13-Aug	21-Aug	21-Aug	21-Aug	27-Aug	27-Aug	27-Aug	
Gilbert	6	7	5	10	10	9	6	6	3	Gilbert
Nolan, Barb	5	5	8	6	6	8	3	5	7	Nolan, Barb
Titolo				11	11	10				Titolo
Keller, Dave	3	3	3	5	7	1				Keller, Dave
Carie				9	10	7				Carie
Klenosky	3	4	7	3	5	4	5	3	6	Klenosky
Rossman	7	6	6				7	7	5	Rossman
Henthorn	4	8	4	2	2	2	4	4	2	Henthorn
Reehling		2	2	4	3	5	2	2	4	Reehling
Eismin				8	8	3				Eismin
Nolan, Mike				7	4	6	1	1	1	Nolan, Mike
Keller, Jim				1	1					Keller, Jim
Guffey										Guffey
Keller, Donna	1	1	1							Keller, Donna
Wallace										Wallace

Skipper									Grand	Skipper
	11-Sep	11-Sep	17-Sep	17-Sep	25-Sep	25-Sep	1-Oct	1-Oct	Total	
Gilbert	5	2	7	7	3	4	3	6	188	Gilbert
Nolan, Barb	6	5			5	2	7	3	148	Nolan, Barb
Titolo					6				136	Titolo
Keller, Dave	4	6	8	6			5	1	124	Keller, Dave
Carie			5	5			9	9	107	Carie
Klenosky	1	1	3	3	4	3	8	8	98	Klenosky
Rossman	3	3							97	Rossman
Henthorn			6	8			2	5	83	Henthorn
Reehling	2	4			2	1	1	2	67	Reehling
Eismin			4	4			6	7	64	Eismin
Nolan, Mike					1				56	Nolan, Mike
Keller, Jim			2	1			4	4	25	Keller, Jim
Guffey			1	2					15	Guffey
Keller, Donna									15	Keller, Donna
Wallace									10	Wallace

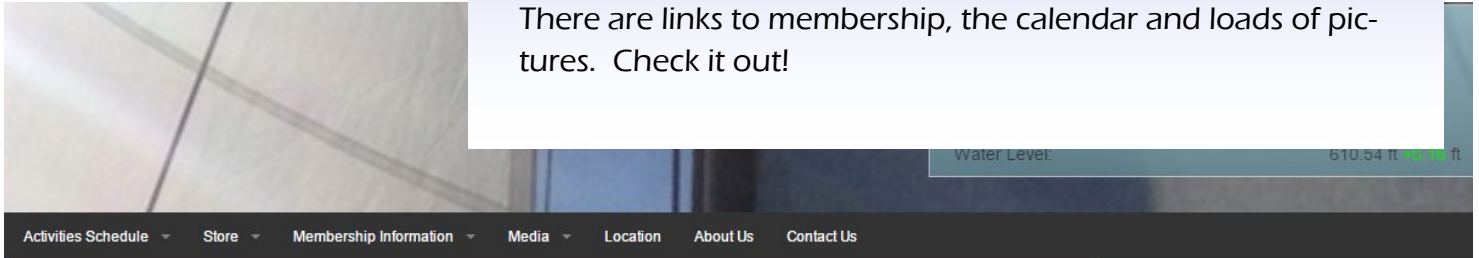


What's on the website!

Check out the LSC website at www.lafayettesailingclub.com.

Deac Karns has put it together and maintains it. Current weather conditions as well as up to date water levels at Lake Freeman can be found on the home page.

There are links to membership, the calendar and loads of pictures. Check it out!



[Click here to download the latest Commodores message.](#)



Welcome!

The Lafayette Sailing Club (LSC) 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 sailboat racing.

The club membership is representative of the cross-section of the Greater Lafayette Area and is open to all individuals without regard to race, religion, sex or national origin. It includes Purdue University faculty, staff and graduate students, business women and men, and professional and non-professional individuals.

Interested In Joining

Contact us to get started!

[Lets go!](#)

Lots of events coming up this fall!

Friday, November 11—FALL BANQUET—6pm

Saturday, November 12—HARBOR APPRECIATION (& CLEAN-UP) DAY / CHILI-FEST - 10am (Chili at noon!)

Wednesday, November 16—2017 Organizational BOG Meeting – 7pm





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.lafayettesailingclub.com>

