

LAKE LURE MARINE COMMISSION SPECIAL MEETING PACKET

Tuesday, October 13, 2020



**Mayor Carol C. Pritchett
Mayor Pro Tem John Moore
Commissioner Patrick Bryant
Commissioner David DiOrio
Commissioner John Kilby**



SPECIAL MEETING OF THE LAKE LURE MARINE COMMISSION

Tuesday, October 13, 2020
4:00 p.m.
Meeting to be held via Zoom

AGENDA

- I. Call to Order
- II. Agenda Adoption
- III. Request from Lake Lure Racing & Rowing Retreats for a Rowing Regatta on Lake Lure
- IV. Discuss and Consider the Use of Electric Surfboards on the Lake
- V. Adjournment

Agenda Item: III

- Request from Lake Lure Racing & Rowing Retreats for a Rowing Regatta on Lake Lure

**LAKE LURE MARINE COMMISSION
REQUEST FOR BOARD ACTION**

Meeting Date: October 13, 2020

SUBJECT: Request from Lake Lure Racing & Rowing Retreats to Hold a Rowing Regatta on Lake Lure.

AGENDA INFORMATION:

Item: III
Department: Parks, Recreation, and Lake
Contact: Dean Givens, Parks, Recreation, and Lake Director
Presenter: Wade Oppliger, Lake Lure Racing & Rowing Retreats

BRIEF SUMMARY: Wade Oppliger and Leslie Rowland with Lake Lure Racing & Rowing Retreats are requesting to hold a Rowing Regatta event on Lake Lure December 5-6, 2020. See the request received by email below:

The plan is to have races on December 5th and 6th, 2020. I realize the LAB might be the usual starting point but Mark told me he did not expect them to meet in October. We just learned that Oak Ridge, TN is going to hold their regatta in October using a format that could work for a Lake Lure event as well, so we would like to move quickly and get our invitations out. We would need approval by the Town at the next meeting in October. Thank you for your time and your response.

To date, most rowing regattas have been cancelled due to restrictive rules by US Rowing (our governing body) that make it difficult for established regattas to re-coup their operating costs. We have a benefit as a new regatta--we can organize with presumption of low revenue--and by presenting the regatta as an invitational race not-sanctioned by US Rowing, the logistics of the regatta are much easier and less expensive to implement. For example, we don't have to have referees to monitor the race and details, proof US Rowing membership, etc. and we don't have to award medals and such.

In October, Oak Ridge Tennessee's Secret City Regatta will take place in a similar format to what we are proposing. This year their regatta will feature two days of races to give rowers more opportunity to race. We like this idea for our plan too, as it gives rowers encouragement to spend another night in the area--which helps the local businesses and gives visitors more time to explore and learn about the area--hopefully encouraging them to come visit again! As you have heard many times from us--we believe strongly that Lake Lure Rowing will be an important economic component of Lake Lure's future and growth. (Oak Ridge's rowing activities contribute over \$4M annually to their community.)

The plan:

Two days of racing.

Saturday: from the dock at Rumbling Bald Resort's beach and ending at the opening to Lake Lure Beach's Marina on Saturday, and on...

Sunday: from The Lake House restaurant to the Lake Lure Beach Marina, including a loop around the island at the top of that channel.

This provides great viewing from properties on the water and from the start and finish points, particularly from the park point near the marina entrance. Masks/social distancing being enforced, of course.

Saturday night beach party! Coordinated with Lake Lure Inn. Social distancing and masks as per state guidance, but another chance for the rowers to enjoy some of Lake Lure's charm.

Free time: we will suggest exploration of all the area has to offer--hikes, flowering bridge, Chimney Rock, etc.

Logistics:

If we had 40 rowing participants (boats):

With a race start of 9am each day; rowers will launch at 8am, allowing them to leisurely row to each starting point in 30-45 minutes where we will queue them for the start. We will sequence each boat to start every 15 seconds (or 4 starts per minute), at that pace 40 boats would be on the course in 10 minutes. The races should take between 22 to 30 minutes to complete depending on the rower, meaning all boats would be off the water again before 10am.

Ideally, other boat traffic on the lake would be stopped for the hour of racing, re-commencing after the boats have passed by. Being December 5th, traffic shouldn't be too much of an issue and this timing would allow early fishing boats time to get out and get set. If all boats could simply stay put for what will really amount to 45 minutes or less depending on their location on the lake--and no activity in the main channel from 9-10am, that would be ideal. If main channel activity is a must; TRUE no-wake movement would be great.

What Lake Lure Rowing will provide:

- * A fee of \$10/boat per race entered in the regatta to be paid to the Town of Lake Lure by Lake Lure Rowing.
- * Marketing, registration and coordination of the rowers and race planning.
- * Operation of the start/end points and timing of each boat.
- * Race course marking, with Town approval.
- * Coordination of a beach party with the Town and vendors.
- * The Chamber will provide on the water support for safety and course management.

Requesting of the Town of Lake Lure:

- * Waive vessel registration for the participants for the two days. (see item 1 above)
- * Processing assistance for any permits required.
- * Approval to allow course identification by means of temporary markers on existing buoys. (We are thinking of something like attaching beach balls to the buoys to identify the course to the rowers. We would take them down following each race.
- * Stand by support for any emergency needs.
- * Notification to the community prior to and weekend of the regatta of the activity with request to honor our request for restricted boat activity during the regatta on both Saturday and Sunday--including signage at the marina boat launch. (The Chamber has offered to help with messaging as well.)
- * Approval of this plan no later than the October 8th Town Council meeting.

Wade Oppliger & Leslie Rowland
Lake Lure Racing & Rowing Retreats

RECOMMENDED MOTION AND REQUESTED ACTIONS: To approve the request from Lake Lure Racing & Rowing Retreats for a Rowing Regatta event to be held on Lake Lure December 5-6, 2020 and to waive boat permit requirements for all participants of the event.

FUNDING SOURCE: n/a

ATTACHMENTS: none

STAFF'S COMMENTS AND RECOMMENDATIONS: Staff defers to the Commission.

Agenda Item: IV

- Discuss and Consider the Use of Electric Surfboards on the Lake

LAKE LURE MARINE COMMISSION
REQUEST FOR BOARD ACTION
Meeting Date: October 13, 2020

SUBJECT: Discuss and Consider the Use of Electric Surfboards on the Lake

AGENDA INFORMATION:

Item: IV
Department: Parks, Recreation, and Lake
Contact: Dean Givens, Parks, Recreation, and Lake Director
Presenter: Dean Givens, Parks, Recreation, and Lake Director

BRIEF SUMMARY: Jim and Janet Walters are requesting that the Marine Commission consider allowing the use of a Lift Foil Electric Hydrofoil Surfboard on the Lake. (See their email request below.)

“Our nephew, Charles Keith Marshal Jr. , “Keith” has recently purchased a home on Lake Lure (346 Chapel Point Rd.). Having studied the Lake Lure Town web-site “Getting out on Lake Lure” and “Water craft that are not allowed on the lake” he subsequently purchased a Lift Foil Electric Hydrofoil Surfboard. He made an effort to purchase a permit to use the vehicle on Lake Lure but was told that there was no category into which the vehicle could be classified. Subsequently he was told that it “might” fall within the category of jet ski, which is not allowed on Lake Lure

The Lift Foil Electric Hydrofoil Surfboard is not in any way similar to a jet ski. A jet ski is gasoline driven, noisy and creates a wake. The Lift Foil Electric Hydrofoil Surfboard is battery driven, quiet and creates no wake. Keith wears a helmet and life vest while riding the vehicle. We recognize that this is a new vehicle to Lake Lure but one that will in no way have a negative impact on the lake or peaceful environment of the homes on the shore. This vehicle is more in keeping with the other permitted vehicles, electric boats and bass boats with electric motors, that currently operate on Lake Lure. In fact, we have seen canoes and kayaks that have attached electric motors on the lake and are, presumably, also permitted.

In branding meetings at Town Hall, it is often said that we need to encourage more young, working families to purchase homes and live in Lake Lure. Keith and his wife, Natalie, certainly fill that bill. When young people move to Lake Lure, they may introduce new ways in which to use and enjoy the lake. It is our hope that this particular vehicle will be viewed as a reasonable addition to the vehicles that are allowed and permitted on Lake Lure.

This is a link to the website that provides all of the specifications for the Lift Foil product: https://weedersdigest.com/lift-foil-electric-hydrofoil-surfboard/?gclid=Cj0KCQjw8fr7BRDSARIsAK0Qqr7rcyDglQ-p1tk8ngoipwzy2uYaXr98MILhNOVRvPxMvERdDn9k6cgaAmhcEALw_wcB. Jim joins me in thanking you in advance for your consideration regarding the inclusion of Lift Foil Electric

Hydrofoil Surfboards with other electrically powered vessels which are already authorized on the waters of Lake Lure.

Janet and Jim Walters”

RECOMMENDED MOTION AND REQUESTED ACTIONS: No recommended motion at this time.

FUNDING SOURCE: n/a

ATTACHMENTS: Lift Foil Electric Hydrofoil Surfboard Information from Webpage

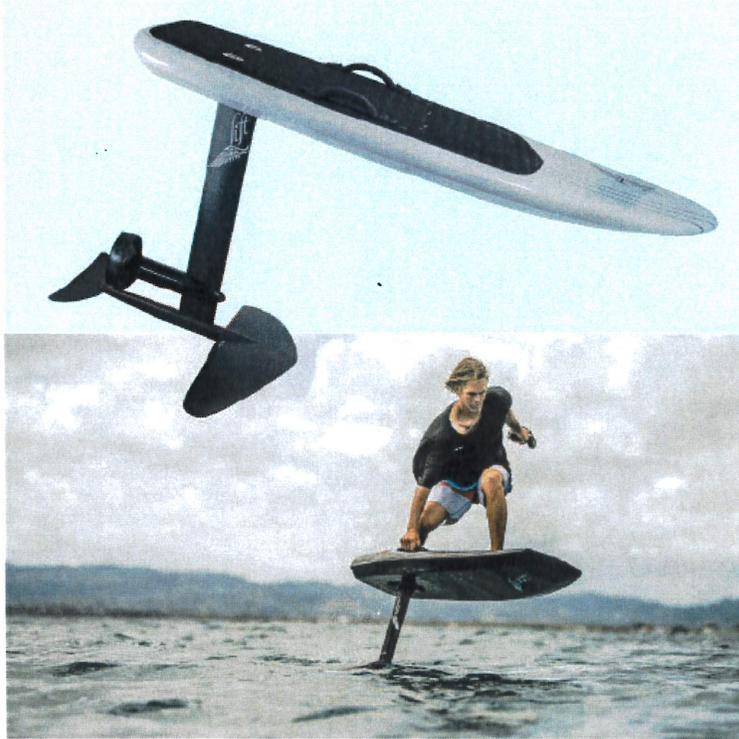
STAFF’S COMMENTS AND RECOMMENDATIONS: On August 5, 2019, the LAB discussed the use of motorized power boards on the Lake and unanimously agreed that these types of vessels should be prohibited. They also recommended amending the definition of “Personal Watercraft or Skicraft” in the Lake Use Regulations (see the LAB discussion and motion below). All proposed amendments to the Lake Use Regulations require a public hearing.

4.B Power Boards on Lake Lure – Bill Ashman and Gary Hasenfus Mr. Ashman presented his and Mr. Hasenfus’ research and findings with the Board. The presentation covered types of Motorized Paddle Boards and cost. There was mention of statistics from the U.S. Coast Guard regarding steady increase of deaths on stand up paddle board due to accidents. The Board discussed the many variations of accidents that could occur while on a powered motor board. The Board voiced overwhelmingly to not approve motorized paddle boards on Lake Lure. There was discussion regarding placing the verbiage Mr. Ashman and Mr. Hasenfus had in their report in the Lake Use Regulations in the Personal Water Craft definitions.

*Mr. Johnson made a motion to recommend that the Marine Commission not permit Motorized Power Boards on Lake Lure and **add to** the definition of “Personal Watercraft or Skicraft” in the Lake Use Regulations, “An inboard craft using a water-jet pump **or a battery driven, gas engine driven housed propeller** as the primary source of propulsion and operated by a person sitting, standing or kneeling on the craft rather than in the conventional manner of boat operation.”*

Mr. Breneman seconded the Motion and all were in favor.

Mr. Hasenfus mentioned to the Board that the WSIA (Water Sport Industry Association) as well as the North Carolina Department of Natural Resources has recommended three (3) boating tips for boating in Lake Lure. These were as follows: 1) Stay 200 feet away from others 2) Keep music low 3) Keep to minimum repetitive passes by frontage lake homes.



Lift Foil Electric Hydrofoil Surfboard

\$12,000.00

☆☆☆☆☆ (No reviews yet) [Write a Review](#)

Quantity:

ADD TO CART

WISHLIST



HOW DOES IT WORK?

The eFoil uses an advanced lithium-ion battery to power a silent electric motor that's mounted on an all-carbon fiber hydrofoil, all controlled with a wireless Bluetooth hand controller. Riders can fly for over an hour at speeds of up to 25 mph.

WHO CAN USE THE eFOIL?

We've designed our products for everyone from total beginners looking for a fun and safe experience to top athletes who are seeking their next thrill. We generally recommend the eFoil for riders ages 16 and up, who weigh less than 250 pounds.

LITHIUM-ION BATTERY

We worked with top U.S. engineers to create a custom lithium-ion battery pack built specifically for a rugged marine environment.

- Offers an average 60-minute ride time, depending on rider weight and speed. Closer to 90 minutes of riding is common.
- Takes less than 2 hours to fully charge.
- Can be easily interchanged and recharged.
- Is rugged, waterproof, and fully submersible.
- Comes equipped with the most sophisticated internal components and automotive grade manufacturing to keep riders safe.
- Weighs 29 lbs.

PROPULSION

Our propulsion system delivers the most power and reliability on the market. Period. It's liquid cooled and built to run all day, every day. Tow your friends while you're at it.

eFoil MOTOR: Our motor is sleek and hydrodynamic for reduced drag in the water. Its design is a direct drive with minimal mechanical components (no gearbox needed) for maximum torque, response, and silence. Forget complicated motors with redundant gearboxes that lack torque and will eventually fail. Our motors are virtually maintenance free, built to last, and deliver an incredible amount of power.

OUR PROPELLERS: Our propellers are custom milled from a block of the highest grade aluminum, hand polished, balanced, and treated for longevity and marine use. They offer the ultimate thrust-to-energy ratio to increase battery life and deliver power and speed, all for an incredibly smooth and quiet ride.

WIRELESS HAND CONTROLLER

Our patented Bluetooth hand controller gives the rider complete control at their fingertips for an effortless, smooth ride.

- Offers the most refined throttle design for total control at your fingertips.
- Uses the most powerful wireless Bluetooth technology
- Is sealed and completely waterproof. Yes, it floats.
- Features automatic power shut off if the lever is released or if the hand controller is submerged in water.
- Has a display screen with battery charge levels, power settings, alerts, and multiple user profiles.
- Doesn't require charging—one less thing to worry about.

CONSTRUCTION

A decade of experience designing and building hydrofoils and high-quality boards led to the creation of the eFoil. We've translated the best materials, design skills, and attention to detail into an incredible ride. Our hydrofoils and boards are built from premium carbon fiber, which offers the perfect flex patterns along with toughness and weight reduction. The wings are interchangeable so the rider can swap out different designs for unlimited flying sensations. Assembly is seamless and all components can be broken down for transport within minutes.

