

Windermere Motor Boat Racing Club

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Sustainable Race Day

Saturday 20 April, 2024

Welcome

Welcome to the first ever sustainable handicap powerboat racing event in the UK hosted by the Windermere Motor Boat Racing Club in partnership with Coryton. For more information on sustainable fuels click here: coryton.com/ and wmbrc.co.uk/racing



SUSTAIN by Coryton

Participating boats will run on SUSTAIN by Coryton, a sustainable biofuel, alongside an electric Catamaran.

All petrol-engine boats are required to run on SUSTAIN Racing fuel from Coryton. In addition, a sustainably fuelled Catamaran will race against an electric Nissan Leaf-powered Formula 2 Catamaran piloted by Club Commodore Ted Walsh, showcasing green technology's future in the sport.

The boats will run on SUSTAIN Super 80. The fuel uses carbon recycled from the atmosphere via plants rather than releasing new carbon that's currently locked in the ground, delivering at least a 65% reduction in greenhouse gases compared to fossil fuel.

The sustainable fuel, which is fully miscible with fossil fuels, can be used in the boats without any modifications necessary. Whilst it is chemically identical to fossil, it is instead made from agricultural and forestry waste which would otherwise end up in landfill or be left to rot, producing the greenhouse gas methane.

The Windermere Motor Boat Racing Club at Broad Leys is one of the oldest clubs of its kind in the world, celebrating its 100th year in 2025. It is working with the Lake District National Park to explore sustainable technologies alongside a joint ambition to reach carbon net zero in the future.

“QUOTES”

Adam Brown, Chair of Racing at WMBRC, said: *“The marine industry is currently behind land transportation in its development and adoption of sustainable technologies. By creating a sustainable race event on Lake Windermere, we hope to further the development of sustainable technologies that can subsequently be adopted - initially within the sport of powerboat racing but also more broadly. We intend to play a leading role in accelerating this transition. Therefore, it’s crucial that we’re able to do this within the National Park and World Heritage Site as this adds the weight of history as well as international significance to the journey to net zero that we’re delivering.”*

David Richardson, Director at Coryton, said: *“Being involved in an event like this is a fantastic opportunity to really showcase what sustainable fuels can do. These biofuels can be used in exactly the same way as traditional petrol and diesels whilst maintaining, or even exceeding, the performance participants may currently experience. We recently worked with Cox Powertrain to set the world water speed record for a diesel outboard on Coniston Water, using the same sustainable diesel. This event provides a real opportunity for the Lake District National Park to lead the way in sustainable marine technologies, and we’re excited to be a part of that journey.”*

Marian Jones, Area Ranger at the Lake District National Park, added: *“The zero carbon Cumbria 2037 ambition is a key priority for the Lake District National Park Authority. To that end, we’re really pleased to see Windermere Motorboat Racing Club committed to reducing the environmental impact of motorboat racing and promoting sustainable technology. While we are mindful of the cumulative impact of several race events in the same year, we think this sustainable race event will be a key step in tackling the barriers to adopting low carbon technology in motor boat racing. The Club has a strong track record of managing successful race events on Windermere, and this new event will be a great opportunity for showcasing the technology to club members and its wider audience to drive the transfer to low carbon technology.”*

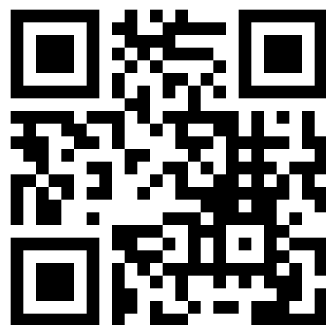
Timetable - Sustainable Race Day - 20 April 2024

- 10:00 Scrutineering.
- 11:00 Pits closed to all guests. Boats launch & jack plug test
- 11:30 Safety Briefing
- 11:45 Drivers' Briefing
- 11:50 Safety boats on station
- 12:00 Safety/Timing session
- 12:45 Race 1 A H Redman's Salver (5)
- 13:15 Race 2 G R Morrison's Cup (5)
- 13:45 Race 3 Electric Match Race (2)

Lunch Break and access to the pit area for spectators.

Please allow rescue crew and Drivers access to the tea and cakes first to allow a quick return to racing. Thanks

- 14:45 Safety boats on station
- 15:00 Race 4 J R Johnson's Cup (5)
- 15:30 Race 5 Redex Trophy (5)
- 16:00 Race 6 Electric Match Race (2)
- 16:30 Race 7 Sustain Trophy (5)
- 17:00 No further racing & Presentation



COMPLETE OUR SURVEY

About Windermere Motor Boat Racing Club

One of the oldest motor boat racing clubs in the world and the eldest in the UK, our club has been racing on Windermere since 1926 and at the current location of Broad Leys since 1952.

Racing on Windermere came to a pause in 2005 as a result of the introduction of the 10mph speed limit.

WMBRC are delighted to have been granted exemptions since 2013 to be able to bring this long-established tradition back to this area of the lake for now 4 - 5 afternoons each year.

The race course is within the bay area South of Storrs Hall Hotel to Rawlinson's Nab and is marked by orange buoys on race days.

Racing with handicap starts

Typically, there are 7 races, each with a designated trophy. Races last approximately 10 minutes in duration and the trophies contested include some dating back to the 1920's.

WMBRC operates a Handicap start system for Drivers and Boats based on previous performance with faster boats starting behind slower boats in speed order.

Drivers observe the start clock and begin their laps at their allocated start time. It is then a race to the chequered flag to be the first over the finish line.

The start clock has recently been restored back to the original clock from the mid 1960's with a new motor in place linked directly to the timing PC for a bit of history to blend with the new technology.

Sometimes it is not the first across the line that wins a race though. Like in golf, to make it as fair as possible with differing speeds of boat, handicaps apply and penalties can be given for breaking that handicap and for other things such as starting early, missing a buoy etc.

Safety ⚠️







During the racing a full Safety and Patrol System will be in place under CPA (Circuit Powerboat Association) Rules. Patrol Boats around the perimeter of the course to ensure that no one can sail inadvertently onto the course.

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All drivers have a racing licence from the CPA after training by the club and an annual medical. Drivers can start racing at the club from 16 years old.

WMBRC has 3 qualified powerboat racing instructors and all new drivers go through a training syllabus. Anyone can request this course and we can provide full training in our club training boat 'Spirit'.

Flags

-  Blue Flag - Patrol Boat
-  Green Flag - Course open and racing underway
-  Yellow Flag - Proceed with caution in area of flown flags
-  Yellow Flag waved low - Large waves on race course
-  Red Flag anywhere - Reduce speed and stop racing immediately
-  Chequered Flag - End of race

Boats

WMBRC club boats range from 60mph small mono hulls powered by 90hp engine up to Formula 2 class Catamarans capable of a straight line speed of 120mph in the right conditions. Many though opt for the mid-sized Phantom speed boat with V6 engines of varying power. This sees some competitive racing in the mid pack.

A common opinion is that powerboat racing is very expensive. Well, all motorsport is expensive, but powerboats come in at the lower end with a competitive club boat costing in the region of £3,000 to £8,000.

Key links

coryton.com/

www.wmbrc.co.uk/racing

www.wmbrc.co.uk/membership



COMPLETE OUR SURVEY

Your feedback is invaluable to WMBRC and The Lake District National Park Authority. Please take a few moments to complete our race day visitor survey, thank you.