

BRCA Bike Section 2021 PromoTour Event Rules

1. Introduction

1.1. The Event is being organised to create a racing calendar of fun competition racing at locations around the UK. The ethos being to encourage the membership of the BRCA Bike Section to grow whilst evaluating the existing BRCA National Rules and classes.

1.1.1. All are welcome, whether they have competition experience or not.

1.1.2. No Newbie* (see note below) will be turned away from the meetings due to a conflict with the Construction Rules.

1.1.3. Each Event will have Trophies for top three in each Class.

1.2. Common Sense

1.2.1. The Committee have the scope to apply common sense to the Rules and will amend accordingly for introduction at the first opportunity or immediately if appropriate, i.e., safety grounds.

1.3. Race Weekend

1.3.1. Saturday - Practice normally 12 noon till 5pm

1.3.2. Sunday - Race day 9am till 5pm

1.4. Calendar

1.4.1. The Events will normally be between the months of March and September at Clubs and Locations around the UK, dates and locations to be released early in the New Year.

1.4.2. In addition we will continue to run the Cotswold GP and make every effort to accommodate the dates for the Ulster TT and the Bike World Champions within the Calendar.

1.5. Entry System and Cost

1.5.1. Entry cost is £25 per weekend.

1.5.2. Preregistration entry is required but cashless payment will be allowed up to closing time/date.

1.5.3. Up to two separate classes may be entered.

1.6. Race Format

1.6.1. Qualifying Heats will be 4 x 8 minute - Rolling start

1.6.1.1. Heats numbers to be confirmed by Race Control

1.6.2. Finals will be 2 x 10 minutes - Start line launch

1.6.2.1. Finals position will be based on best Three Consecutive Laps during Qualifying.

1.6.2.2. Finals to be no greater than 8 or lower than 5 to ensure minimum of 5 marshals. ***

1.6.3. All drivers to Marshal the Heat or Final following their run.

1.6.4. 1/8th Class and Sidecar Marshals as note below. **

1.7. Classes Raced

1.7.1. 1/8th Open Class

1.7.2. 1/5th Superbike

1.7.3. 1/5th SuperStock

1.7.4. 1/5th Nitro Bike (where Clubs allow)

1.7.5. 1/8th Sidecar

2. Class Construction Rules

2.1. Classes

2.1.1. 1/8th Electric

- 2.1.1.1. Open motor
- 2.1.1.2. Open speed control
- 2.1.1.3. Mechanical Brake allowed
- 2.1.1.4. 2S Hard case lipo

2.1.2. 1/5th Electric Superstock

- 2.1.2.1. 13.5t minimum motor wind or above from EB List
- 2.1.2.2. Speed Control zero timing indicated by a flashing LED.
- 2.1.2.3. No mechanical brake
- 2.1.2.4. 2S Lipo from EB List

2.1.3. 1/5th Electric Superbike

- 2.1.3.1. Modified motor
- 2.1.3.2. 2S Lipo from EB List
- 2.1.3.3. Open Brakes

2.1.4. 1/5th Nitro Superbike

- 2.1.4.1. No limits

2.1.5. Sidecars

- 2.1.5.1. 17.5t Brushless motors from EB List or Silver Can Motor
- 2.1.5.2. Nitro power source is open.
- 2.1.5.3. Sidecar chassis must fit within the shell.
- 2.1.5.4. Single rear wheel drive, single front wheel steering.
- 2.1.5.5. 2S Lipo from EB List or 6 Cell NiM
- 2.1.5.6. The centre of the front tyre can have a maximum offset of 25mm from centre line of the rear tyre
- 2.1.5.7. Sidecar wheel can be positioned freely but wheel centre must be in front of the driven wheel centre. Sidecar wheel steering by radio control is not permitted.

Class Dimensions

1/5th On Road Dimension

Feature	Max	Min	Dims. in mm
<i>Wheelbase</i>	320	280	
<i>Rear Wheel Rim Dia</i>	95	80	
<i>Front Wheel Rim Dia</i>	95	80	
<i>Tyre Width</i>	35		
<i>Overall height</i>	300	225	Incl. Rider
<i>Weight</i>	Unlimited		
<u>Sidecar</u>			
<i>Length</i>	435		
<i>Width</i>	220		
<i>Heights</i>	120		
<i>Rear Wheel Dia</i>	63	38	<i>Wheels (must fit within shell)</i>
<i>Front Wheel Dia</i>	63	38	
<i>Sidecar Wheel</i>	63	38	
<i>All Tyre Width</i>	45		
<i>Weight</i>	Unlimited		

2.2. Appearance

2.2.1. Should be realistic and scale in appearance, neatly finished, and complete with bodywork and rider, all of which should be painted.

2.3. Tyres

2.3.1. Any solo bike tyre specifically designed for bike use.

2.3.2. Tyres must be black, sidewall details may be a contrasting colour.

2.3.3. All Sidecar tyres can be foam or rubber, typically 1/10th or 1/8th origin.

2.4. Additive

2.4.1. Non slimy and odourless tyre additive to be allowed, but only at circuits that allow it.

2.5. Brakes

2.5.1. Brakes can be either disc or drum

2.6. Exhaust / Induction Noise

2.6.1. The complete exhaust system should be contained within the confines of the body work and fitted in such a way as to minimise the risk of injury to marshals.

2.6.2. If any part of the exhaust / silencer system fails or becomes detached during a race the rider has to return to the pits immediately to have the problem rectified.

3. General Rules

3.1. BRCA membership is required and shown at race control if requested.

3.2. BRCA General Rules Apply

3.3. If in doubt about anything "Meeting" related then just ask!

3.4. Smoking or Vaping is only allowed in designated areas and not in the pits.

3.5. Drivers Briefing & Safety

3.5.1. A drivers briefings will be held on Race Day and will include but not limited to:

3.5.1.1. Lipo safety in accordance with BRCA General Rules.

3.5.1.2. Always follow local signage and or instructions.

3.5.1.3. Awareness of local fire safety instructions.

3.6. Driving Standard and Personal Conduct

3.6.1. We must encourage fair and competitive racing but sometimes, even as Adults, we get annoyed with ourselves and others but it is **not** acceptable to;

3.6.1.1. Cause a nuisance or use abusive language to another competitor or visitor.

3.6.1.2. Intentionally hinder another competitor during qualifying; always allow the quicker driver to pass at the first available location and time.

3.6.1.3. Intentionally cause another competitor to leave the circuit or run into the slower driver.

3.6.1.4. Acting in a way that may cause injury to another competitor or damage to another competitors equipment.

Definition Notes

*- “Newbie” defined as a person who has not raced within the BRCA Bike Section after 2016

** - As 1/8th Class and Sidecar Class participants are likely to include 2nd Class entries from 1/5th Class entrants, we will plan for the Class to marshal itself for both heats and finals, ie., Final B marshal Final A and vice versa, If numbers aren’t sufficient we will request volunteer marshals. This is to ensure adequate marshals are present for both Classes.

*** - Heat & Final Numbers

	Computer setting per Final		
	6	7	8
Attendees			
<10 / 2	=	=	=
11	6+5		
12	6+6		
13		7+6	
14		7+7	
15			8+7
16			8+8
17	6+6+5		
18	6+6+6		
19		7+7+5	
20		7+7+6	
21		7+7+7	
22			8+8+6