

10TH SCALE OFF-ROAD TRUCKS SECTION



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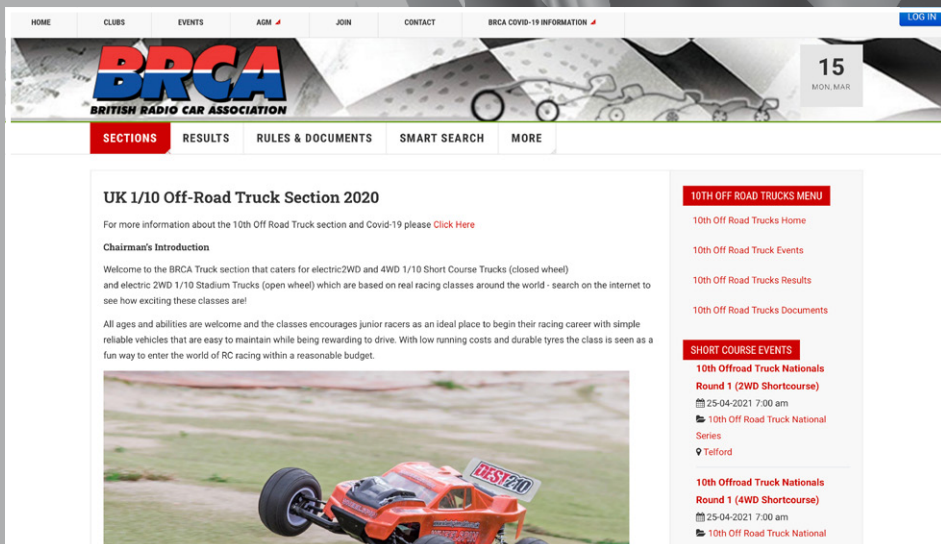
BRCA
BRITISH RADIO CAR ASSOCIATION

2021 HANDBOOK

BRCA

BRITISH RADIO CAR ASSOCIATION

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Welcome to your new 2021 10th Off-Road Trucks handbook.



The BRCA Truck section caters for electric 2WD and 4WD 1/10 Short Course Trucks (closed wheel) and electric 2WD 1/10 Stadium Trucks (open wheel) which are based on real racing classes around the world - search on the internet to see how exciting these classes are!

All ages and abilities are welcome and the classes encourages junior racers as an ideal place to begin their racing career with simple reliable vehicles that are easy to maintain while being rewarding to drive. With low running costs and durable tyres the class is seen as a fun way to enter the world of RC racing within a reasonable budget.

The National series offers its racers unrivalled value for money in terms of track time with no less than 7 races through the day with 4 rounds of qualifying and 3 rounds of finals for all. The Series takes place on some of the best UK Off-Road race venues on a variety of surfaces with plenty of variation to test your skills!

With increasing popularity and a great bunch of travelling racers more families are joining us making it a great way to spend weekends away amongst friends.

Truck Racing can be as competitive as you want it to be but the emphasis is about having FUN!

Mark Ashforth

1/10th Off-Road Trucks, Chairman



Chairman

Mark Ashforth

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Treasurer

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Safety Officer

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Secretary

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Co-ordinator

John Wells

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PRO

Position Vacant

Contact section if you are interested

How To Use This Handbook

This booklet is aimed at competitors or officials for the 10th Off-Road Trucks class, enabling them to have the information required for the class at all times, however it should prove useful to all club racers too as we hope it will give the reader more information about our national series.

The information contained herein should be read in conjunction with the Association Handbook. The General Rules contained in the Handbook apply to us all, at all events, and in any circumstances take precedent over Sectional rules. It is every member's responsibility to ensure they have read and understood the General Rules - ask an Executive official as appropriate for clarification if you don't.

The application of the rules works thus:

The Association General Rules apply at all events we go to, including most club racing as we are all members of the Association at all times, Sectional Rules (as in this book) apply at Nationals plus other events, e.g. regional events, as sanctioned by the Section committee. Sectional rules do not apply at clubs, unless the clubs wish them too and it is entirely the clubs choice either way.

Changing a rule

Every rule in this booklet and the Association Handbook was proposed and voted in by one of your fellow racers - none of the committees can simply 'make up' a rule. If you don't like a rule you can easily try and have it changed (though the first thought should be to find out the rationale of why one of your fellow racers proposed it in the first place perhaps?) If you're happy a rule needs changing get somebody else to agree with you - a seconder - and then write/email to one of the following people:-

Section Rule to be changed - Section Secretary - who will liaise with you to ensure it's then voted on at their section conference.

Association General Rule including the Constitution - Association Secretary - who will liaise with you to ensure it's voted upon at the Association annual general meeting.

You should endeavour to be at any meeting where a rule change, you have proposed, is taking place as it will be discussed, possibly amended, plus you'll almost certainly be asked to elaborate on it.

Summary

'The Rules' should be the easy bit of our sport, but they're not as we're all passionate about our sport and want to have an input into how it's run. Make sure you have your say; the Association works because people get involved and make a difference.

If you don't like the way something is being done, you should offer to do it yourself. Every Association official is a volunteer and they are doing a role because it needs doing. However it is as much your responsibility to do that task as it is theirs - just that they volunteered to do it before you had the opportunity to offer to do it better.

Chairman's Introduction	3
Committee & Contacts	3
How To Use This Handbook	4
National Calendar 2021	5
General Rules	7-9



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APRIL		
25th	Round 1	Telford Model Car Club - Astro
MAY		
30th	Round 2	Boughton Raceway - Astro
JUNE		
27th	Round 3	A1 Racing Club - Astro
JULY		
11th	Round 4	Ledbury Model Car Club - Astro
AUGUST		
15th	Round 5	Eden Park Raceway - Astro
SEPTEMBER		
12th	Round 6	Coventry Model Car Club - Astro

NOTE:

To date (1st. Jan.); we do not know when current travel restrictions due to Covid-19 will be eased to allow a calendar to be finalised. Above are giving intended dates that can be used, although it is possible that early events may not be allowed to take place. The Section will make 'final' decisions of what can be achieved early March or at the earliest opportunity in line with government guidelines. Reserve date(s), if quoted, would only be used in the unlikely event of a rescheduled meeting being required. For up to date information, see the website: www.brca.org





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GENERAL RULES



1. See general BRCA RULES
2. All cars to represent full size short course trucks, stadium trucks or off road buggies, 2wd and 4wd.
3. **Motors**
 - 3.1 4WD Short Course - Brushed or brushless motors allowed either 540 or 550 size from the EB list where applicable.
 - 3.2 2WD trucks -Brushed or brushless 540 size motors from the EB list where applicable.
4. **Batteries**
see BRCA general rule 4.
5. **General Construction**
Car must be constructed / design not to cause personal injury. E.g. no sharp edges, enclosed gears, bumpers to be suitable material such as plastic or rubber. For marshal safety there shall be no exposed carbon fibre, i.e shock towers\wings\bumpers. Carbon fibre products are permitted under the shell.
6. **Short Course Truck Specific Rules**
 - 6.1 Bumpers - SCT style front and rear bumpers must be fitted in lines with existing manufacturers trucks.
 - 6.2 Only commercially available 1/10th short course wheels and tyres allowed (2.2" outer bead and 3.0" inner bead). No converted 1/8th buggy wheels.
 - 6.3 Body - Only 1/10th short course bodies allowed, with enclosed wheel arches, minimum cut outs and be a true representation of the full size vehicle. No add on spoilers / wings allowed.
 - 6.4 Rear Wings - No bolt on aftermarket or home-made rear spoilers / rear wings allowed. Manufacturer rear spoilers / rear wings moulded into the finished bodyshell are allowed.
 - 6.5 Vehicle Dimensions:

Dimension	Min.	Max
Wheel Base:	320mm	335mm
Overall Width:	273mm	296mm
7. **Stadium Truck Specific Rules**
 - 7.1 Front bumper to be made of plastic or rubber.
 - 7.2 Bolt on rear wing permitted in line with the body manufacture.
 - 7.3 Only commercially available wheels and tires of 2.2 size permitted.
8. Race entry and payment via the BRCA booking process online.
 - 8.1 The booking in on the day entry fee will be £15.00 per round for your 1st class and £5.00 per round for your second.
9. Marshalling as per BRCA rule 3.
10. **Race Format**
 - 10.1 All races to be 5 minute duration (plus an allowance for the last lap).
 - 10.2 For qualifying rounds staggered starts will be used. Finals will use staggered grid starts with a minimum 2m interval (this will be extended when length of straight allows) and two rows of cars (pole position in each final will choose which side of the grid they start).
 - 10.2.1 Four round of qualifying plus finals for all drivers attending the meeting (weather and time permitting, if 2 rounds of qualifying are completed then these rounds will count towards the series, if less than 2 rounds completed and the meeting can't be rearranged the required number of rounds for the series will be reduced).
 - 10.2.2 Round by round qualifying to be used (2 rounds to count).
 - 10.2.3 Series to be best 6 rounds with 50% plus 1 round to count, points to be 100 for qualifying and 100 for finals.
 - 10.2.4 Heats for round 1 of the championship will be seeded based on final positions of the previous years championship. All remaining rounds will be seeded in championship order
11. Timing equipment can be either AMB RC3 or RC4 supplied by the Host club.
12. **Transponders**
 - 12.1 It is the driver's responsibility to securely fit the transponder to their car before the start of any race.
 - 12.1.1 The driver is responsible for ensuring that the transponder functions with adequate signal strength. If the transponder malfunctions, competitors may have their laps recorded manually providing that:-
 - The transponder starts the race clock for the heat or final.
 - The Race Director is satisfied that the car was circulating during any missed laps. If the transponder does not

record a finishing time, then the Race Director may award final lap(s) based on any recorded information available. This procedure will only be adopted once for each competitor in any individual event.

13. Refereeing as required , supplied by the host club and supported by the series.
 - 13.1 At the Referees' discretion, penalties can be incurred for bad driving and/or corner cutting with any one of the following, depending on the severity of the offence: Official Warning, Stop-Go penalty, 5 or 10 second penalty, disqualification. The Stop-Go penalty area must be well defined and in a position that is practical to operate.
 - 13.1.1 If a driver receives three Referee's warnings during an individual event the penalty will be seven places added to his event score. 2WD and 4WD warnings to be treated separately.
 - 13.1.2 Any driver who ignores a warning or penalties issued by the Officials

will be shown the black flag. The car must immediately be removed from the track and the driver will lose that heat/final time.

- 13.2 The penalty for late marshalling during Qualifying will be seven places added to the drivers best Round score under the Round by Round system. The penalty for failure to marshal during qualifying is the loss of the best round score under the Round by Round system. (If a driver loses or has his best round time adjusted due to incurring a penalty, then all drivers between his original position and adjusted position in that Round, will move up one place.)
 - 13.3 The penalty for late marshalling in the correct Final(s) at an event will be seven places added to the final results for the event. The penalty for failure to marshal in the correct Final at an event, unless specific permission is given by the Race Director, will result in zero points being awarded at the event. The events points for other drivers are not adjusted.



RACE NUMBERS

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BLACK NUMBERS
ON WHITE

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£30

ROLLS OF 100 = 1000 NUMBERS

#1-6
£20

ROLLS OF 100 = 600 NUMBERS

NEW
65mm
BLACK NUMBERS
ON YELLOW

#1-14
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ROLLS OF 100 = 1400 NUMBERS



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