### **Contents**

- 4 Chairman's Introduction
- 5 Section Officials & Contacts
- 6 How to use this book
- 7 Calendar of Events
- 8 National Series Information
- 13 Construction and Procedural Rules



### Chairman's Introduction

Welcome to Large Scale Circuit Racing. We currently race touring cars and FG 4WD Mini's at our National Championship race meetings and we have rules in place to allow a Formula one and Truck class if we get enough interest. The cars we run are 1/5th scale, most of the cars are built from aluminium & carbon fibre composite with the FG 4wd minis mainly built of plastic. The cars are powered by 2 stroke petrol engines and range from 23cc up to 29cc depending on the class raced. Other features include hydraulic disc brakes all-round, oil filled adjustable shock absorbers and fully adjustable suspension geometry. All the cars are single speed, starting with a centrifugal clutch through to a limited slip differential to maximise grip from the moulded rubber tyres. The tyres come in various grades to suit all tracks & driving styles. The cars are about çplease read these to make sure your car complies.

The cars can be purchased as a complete ready to run kit or a rolling chassis which you can build to your own spec. The cars start from £800.00 for a standard Mini. The BRCA Large Scale Section promotes classes to cater for Novices through to the very experienced European and World Championship level racer

The FG Mini class was introduced in 2015. This series has provided much fun and brought new racers into our National series. This series is cheap and racing is very close due to the strict options allowed, please see the rules.

If you are interested in joining what many have described as the most realistic scale of circuit racing, please contact any of the Large Scale ON Road committee.

The 2017 National series will consist of seven rounds with the four best rounds to count. At the moment we have three classes - Touring Cars, GTS Saloons & FG 4wd Mini with the possibility of Formula One.

Points will be scored on a basis of 100 points for a win reducing by 1 point for each subsequent place; i.e. 99 for second, 98 for third etc. Any driver achieving fastest qualifying time in their class will be awarded ONE extra point on top of that meeting's score.

There is also a separate championship for drivers over 40. This will be decided from the best number of laps and times regardless of which class entered.

Tied championship positions shall be resolved by firstly comparing the number of 1st, 2nd 3rd places etc, then by qualification from counted meetings. If there is still no resolution, then the championship positions will be deemed a tie.

### **Section Officials & Contacts**



Chairman: lan Oddie Tel: 01200 426902

E: ian@oddified.freeserve.co.uk



Vice Chairman: John Russell

M: 07798 846930 E: vicechair@brca.org



Secretary: Trevor Kersey

M: 07932 696709

E: trevorkersey@hotmail.co.uk



Treasurer: Babs Kersey

M: 07932 696709

E: trevorkersey@hotmail.co.uk



**PRO:** Abi Swift M: 07889037468

E: abigail.swift@talktalk.net



Scrutineer: Paul Orman

Tel: 02476332877 E: Paulpoddy@sky.com



Assistant Scrutineer: Craig Orman

M: 07787 360205 E: craig@orman.me



Efra Rep: Mike Humphreys

M: 07780 743116

E: humphreys mike@yahoo.co.uk



Race Controller: Babs Kersey

M: 07932 696709

E: trevorkersey@hotmail.co.uk

### How to use this section handbook

This booklet is aimed at competitors or officials for the Large Scale On Road class, enabling them to have the information required for the class at all times. 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. regionals, 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; send it to the Section Secretary who will liaise with you to ensure it's then voted on at their section conference.

Association General Rule including the Constitution; send it to the 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 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.

## 2017 Large Scale On Road Calendar

Round 1, 2nd April, Wombwell Model Car Club

Round 2, 20th May, Craigavon Model Car Club

Round 3, 21st May, Craigavon Model Car Club

Round 4, 25th June, Halifax Model Car Club

Round 5, 26th August, Brooklands Model Car Club

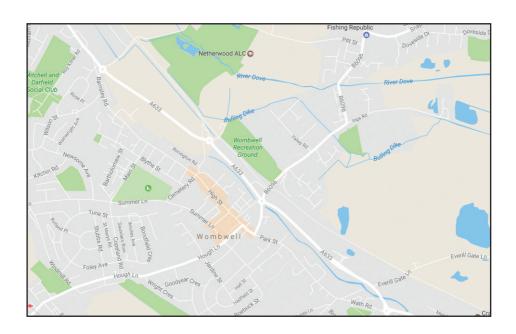
Round 6, 27th August, Brooklands Model Car Club

Round 7, 8th October, Mendip RC Raceway

2nd April, Wombwell Model Car Club

Wombwell Model Car Club Recreation Ground Wombwell, Wombwell

Trevor Kersey - 07932 696709



20th May, Craigavon Model Car Club

## Round 3

21st May, Craigavon Model Car Club

Craigavon Model Car Club Central Sports Area, Kernan Hill, Craigavon, BT63 5YB info@craigavonmcc.co.uk



25th June, Halifax Model Car Club

Halifax Model Car Club Stainland Road Halifax HX4 8LS

chairman@halifaxtrack.co.uk



26th August, Brooklands Model Car Club

# **Round 6**

27th August, Brooklands Model Car Club

Brooklands Model Car Club Brookland Raceway's The Camp Brookland Kent TN29 9TF

admin@southeastrccc.co.uk



8th October, Mendip RC Raceway

Mendip RC Raceway Accommodation Road Bleadon Weston-super-Mare, North Somerset BS24 0AP

info@mendiprcraceway.co.uk



## Large Scale On Road Rules

The 2017 National series will consist of 7 rounds with the 4 best rounds to count at the moment we have 3 classes Touring Cars, GTS Saloons & FG 4wd Mini with the possibility of Formula One. Two double round meetings will be held, one in Craigavon (Northern Ireland) and the second at one of the venues in mainland Britain.

Points will be scored on a basis 0f 100 points for a win reducing by 1 point for each dropped i.e. 99 for second 98 for third etc. Any driver achieving fastest qualifying time in their class will be awarded ONE extra point on top of that meetings score.



Tied championship positions shall be resolved by firstly comparing the number of 1st, 2nd 3rd places etc., then by qualification from counted meetings. If there is still no resolution, then the championship position will be deemed a tie.

Drivers failing to complete a lap in their final will be awarded last place in that final. If this applies to more than one driver then qualifying positions will be used to determine the order, i.e. the higher qualifier will be placed before the lower.

If there's an EFRA British GP, it does not count towards championship points.

#### (1) RACING CLASSES

- i). Saloon Touring Cars.
- ii). GTS Touring Cars.
- iii). FG 4wd Sportsline Mini

Other classes such as Formula One, 4wd, Trucks and Outlaws are welcome to race at all meetings providing that 4 or more drivers are entered in that class. Championships for these individual classes will be run providing that drivers have entered at least 4 of the 7 rounds. All classes will run separately in their own heats, which will be seeded firstly from the previous meetings final positions using an odd and even system, secondly from known ability. Saloon and GTS classes will have their own separate finals providing there is sufficient numbers. However because of the nature of the 4x4 cars and the Formula 1 cars, these will not be able to be mixed in with any other type of cars, so unless there is 4 or more they will not be able to run at the meeting.

#### (1a) Saloon Touring Cars

This class is aimed at the more advanced driver; however it is open to any driver regardless of ability.

The rules for this class:

Saloon Body shells to follow EFRA Rules & Homologation list

Maximum engine size 23cc (Rule 3)

Foam type front bumper must be fitted (Rule 9)

#### (1b) GTS Touring Cars

This class is aimed more at the club driver.

The rules for this class:

Any bodyshell providing it covers the four wheels and is based on a touring car Maximum engine size 29cc

Foam type front bumper must be fitted (Rule 9).

It is important to remember that the emphasis will be on the spirit rather than the letter of these rules.

Please adhere to the spirit of the rule i.e. common sense where safety is concerned.

#### (1c) Formula One (F1)

This class will run as an open class until further notice.

Maximum engine size 29cc

Please adhere to the spirit of the rule i.e. common sense where safety is concerned.

#### (1d) Trucks

This class will be regarded as open (e.g. modifications allowed), but vehicles must conform to all the safety regulations etc.

Maximum engine size 29cc

Please adhere to the spirit of the rule i.e. common sense where safety is concerned.

#### (1e) 4x4 On Road Cars

This class will be regarded as open (e.g. modifications allowed), but vehicles must conform to all the safety regulations and construction rules. Class open to any make of 4 wheel drive large scale model car. Engine size maximum capacity 29cc single cylinder 2 stroke the flywheel ignition (not battery power or assisted).

Tyres and wheels as supplied by car manufacturers

Body shell and wings to be based on full size road car type, either past or current models e.g. Subaru, Mitsubishi, etc 3 or 5 door variants. Body must cover all chassis components including tyres

#### (1f) Open Class,

This class caters for any random vehicles not conforming to any of the above mentioned classes

#### (1g) Any Other Class

Any class except Saloon or GTS, with less than 4 drivers will be run in a mixed class. Race Directors judgment will be final

#### (1h) FG 4 Wheel Drive Sportsline Mini Class

This class is strictly for 4WD Sports Line FG Mini's, They must be kept totally standard as they come out of the box with no drilling, grinding or altering of the standard components what so ever.

The engines are to be totally standard Zenoah or CY 26cc Engines as supplied by the manufacturer, either 2 bolt or 4 bolt cylinders. Absolutely no modifications allowed, and any replacement parts used during servicing must be genuine manufacturer's standard original parts for the engine.

Spark plugs to be NGK CMR7H

Any Commercial Pump Fuel

Any 2 Stroke Oil

A foam bumper must be fitted to the front & as long as there is an overhang of foam from the plastic base this is accepted.

No modifications to external or internal shock parts are allowed Only GRP Tyres are allowed to be used in dry & wet conditions.

In the event of a wet race Air filter & servo covers are permitted.

Due to Fuel leakage from Fuel Caps we are allowing any modification to the cap, but the breather must remain standard (Vent pipe from cap to back of the car with no devices in-between).

Car Weight to be a minimum of 10KG & Maximum of 12KG with empty fuel tank, 4 tyres, battery & Body shell fitted.

The car must be a maximum width of 410mm

Only FG Mini shells are allowed, you must have cut outs in front side windows for marshal pick up & rear side window engine kill switch side, E sticker to be fitted near kill switch on body shell. Only a 10mm hole allowed in front screen. Other window cut outs are optional.

The only optional exceptions to the above rules are as follows:

- Front Dog bones can be replaced with the FG CV upgraded shaft kit. Part Number: 68415
- Rear Lay shaft brake can have the lined brake pad upgrade kit. Part Number: 08449 or 06039/10
- 3) Plastic gear holder can be replaced with the Alloy upgrade. Part Number: 07439
- 4) Carbon Side Guards are allowed. Part Number: 08010/05
- 5) Any servos can be fitted as long as the original mounts & layout are used.
- 6) Any shock oil is allowed to be used to suit car set up.
- 7) Any FG Shock Springs are allowed,
- 8) Any battery can be used.
- 9) Front Body mount Kit FG or Similar. Part Number: 07154/02
- 10) Any FG gear ratios can be used but NO Over driven front or rear diff gears.
- 11) 9.5mm Steel Wheel squares can be fitted to front drive train Part Number: 08407

These are quite simple rules, which mean that the car must be totally standard with no modifications to differentials, chassis, engines, exhausts, Air Filters or the standard components etc. There will be scrutineering on all cars prior to racing & at least one car per meeting will have the cylinder head removed to check for compliance to rules.

If you have purchased your car on the second hand market, please ask the scrutineer to check your car for legality prior to racing as excuses like 'I didn't know, the previous owner assured me it was standard' will not be accepted.

#### (2) TYRE RULES

- (2a) Tyres are to be of moulded rubber.
- (2b) Permitted maximum 1/5th Scale tread widths are: front 75mm, rear 80mm.
- (2c) Tyre additives are allowed (circuit rules apply). Drivers do so at their own risk and the onus of safe use lies with the driver. Tyres that have been treated must not be put on the track when they are visibly wet.
- (2d) Preheating the tyres with electric tyre warmers is permitted.
- (2e) These tyres must be commercially available for retail sale at the time of use.

- (2f) No 'one offs' will be allowed.
- (2g) There is a maximum price limit on 1/5th tyres for Touring Car and Sports/GT classes of £40 per pair complete.
- (2h) There is presently no price limit on Truck/F1 tyres.

#### (3) ENGINE RULES

- (3a) The engine must be a single cylinder 2 or 4 stroke piston engine,
- (3b) Only petrol commercially available from uk petrol stations may be used
- (3c) No Avgas or specialist racing fuels allowed.
- (3d) The only additive allowed is 2 stroke oil.
- (3e) Driver's fuel may be randomly tested by the scrutineer and readings attained must fall within +/- 10% of the average taken on the day. Any fuel tested that falls outside of the tolerance window will be deemed illegal unless the driver can prove it to be legitimate.
  - Drivers found using additives will automatically face a 12 month ban.
- (3f) The following are not allowed: performance enhancing gases such as Nitrous Oxide, Fuel Injection, Turbo or Super Chargers, Electronic Ignition systems which run off separate battery packs.
- (3g) Engines may be modified internally to any degree except that separate liners are illegal. Heat sink heads may be used together with long reach plugs. Alternative ignition systems may be used providing they are not battery fed.
- (3h) All engines must be fitted with either a suppresser type plug or suppressed plug cap.
- (3j) Motor cut-out switches cannot be moved and the relevant side window must be cut out for easy access. It is up to the driver/owner to make sure that the cut-out switch is operative and is in a position that can be easily reached by a marshal/mechanic etc (see 3k). In addition, a mechanical fail-safe must be fitted to the carburetor which returns the throttle to a closed position in case of a broken throttle linkage. (The return spring fitted as standard on most carburetors should suffice).
- (3k) Engine Cut out Switches for all Classes must be located in the original position on the engine, and the relevant side window cut out for easy access. This position must be marked on the body with an "E" of no less than 20mm in diameter and outlined in Red.
- (3l) A "one engine rule" applies to the saloon class. Only when the race director declares a meeting "wet" may you change the engine. If any problems occur with the engine, you must report to the scrutineer and then you may repair it, or replace if necessary. The engine capacity is limited to 23cc.
- (3m) All other classes' Apply Rule 3 with the exception of maximum engine size 29cc
- (3n) Any new motors that appear for general sale must be checked for compliance with the BRCA before use.

#### (4) TRANSMISSION

The transmission is a free area with the following exceptions:

- (4a) Only two wheel drive is allowed (exception of 4x4 class) which must be to the rear axle only.
- (4b) Electronic traction control systems fitted to the car itself are not allowed in any class. Radio control transmitters with traction control programs can be used.
- (4c) Two Speed gearboxes are not allowed in any class

#### (5) BRAKES

Brakes are a free area for all classes; cars must be fitted with a braking system that is capable of both stopping the car and holding it stationary whilst the engine is running. Active antilock braking systems using wheel speed sensors are illegal. Radio control transmitters with antilock braking programs can be used.

#### (6) GENERAL REQUIREMENTS

(6a) 1/5th Scale (Saloon Touring Cars)

Fuel Tank: Max 700cc

Weight: Min 10 Kg. Max 12 Kg

(6b) GTS, 4x4 and Trucks

These will be regarded as open classes. E.g. tuned motors, brakes etc, but all other 1/5 safety rules to apply.

(6c) Formula One and Outlaws will be regarded as an open class but manufacturers specifications will apply.

(The Bumper rules need not be strictly adhered to on these vehicles, but the onus will be on the driver to read and understand the ruling and to make his/her vehicle as safe as possible with regards to this area. The scrutineer's decision will be final.)

#### (7) BODYSHELLS

- (7a) Saloon Class Body Shells to Follow EFRA Rules & Homologation list
- (7b) GTS bodies must be based on any full size cars and must be within +/- 10% scale of the full size car.
- (7c) Formula One bodies to be as supplied by kit manufacturer.
- (7d) Truck bodies to be as supplied by kit manufacturer.
- (7e) Windscreen Cut Outs:
  - 1. Drivers may only drill one 10mm hole in the windscreen for the aerial.
  - Side and rear windows may be cut out and additional holes may be cut in the body work provided that they correspond to holes cut in the full size car for either the intake or output of air.
- (7f) Please note safety and common sense applies to all bodyshells.
- (7g) Holes for Transponders must be drilled in such positions that at no time can the transponder or their mounts come into contact with the ground or the wheels of the car. (It must also be at least 50mm from any part of the exhaust system.) The best position is usually on the bonnet lid at the base of the windscreen on Touring cars and GTS. It is the driver's responsibility to make sure that these expensive devices are not damaged. This rule applies to all classes unless the driver is using a personal transponder (which is highly recommended).
- (7h) All edges on the body especially window cut-outs must be sanded smooth. Repairs or extra reinforcing applied to the body shall be of such a nature as not to cause a hazard. i.e. no sharp metal edges or carbon fibre splinters etc.
- (7i) The body must be a good secure fit on the chassis and, when viewed from above, must cover the top of the wheels (/Tyres) at the centre of the axle. (except F1). If a major part of the body is lost during a race, the damage must be repaired immediately in the pit area if ordered by the Race Director.
- (7j) At least one window on either side must be cut out of the body. This is to allow easy pick up of car when marshalling and better access to engine kill switch. Without the side windows cut out marshals have to place hands under the car to lift, where there is hot exhaust and rotating gears. All edges need to be smooth.

#### (8) WINGS

(8a) Saloon Touring Cars - When viewed from either end, the rear wing (including side plates) must fit in the standard 60mm square box. Where the wing mounts are at the end of the wing these will be counted as being side plates. Wings must be mounted in the same position as the full size car.

The wing maximum width will be 275mm. Wings must be of the 'single element' type.

(8b) GTS & F1 Realistic size and shape wings for the body shell being used.

#### (9) BUMPERS

(9a) Saloon cars must be equipped with a foam bumper (Purim material or similar). These bumpers must be fitted in such a way as to fill the front part of the car body completely. The rigid/semi rigid Plastic Bumper/Skid plate fitted to the car as standard must be at least 35mm back from the foam. The foam must be at least 40mm fall.

This set-up will afford the body (both human & polycarbonate) very much more protection in a crash.

- (It has been noted that an additional plate (plastic or otherwise) has been fitted (on some cars) on top of the foam to sandwich the foam to the main bumper and form a very RIGID assembly. This is illegal. The basic concept of the foam is to protect human limbs, making this bumper rigid, defeats the object and is classified as dangerous)
- (9b) All other classes must have a foam bumper with exception of F1 cars must have a foam bumper fitted with as much foam as possible.

#### (10) CARS PER CLASS

(10a) Only one car (engine & rolling chassis) per class per driver will be accepted. The main chassis plate (i.e. the main structural member to which the other components are mounted) may only be changed with the consent of the Race Director. The essence of this is that a car cannot be replaced or substituted once entered into a days racing. This applies to saloon cars only.

#### (11) SAFETY

- (11a) No refuelling is permitted during racing or practice except in the pits/pit lane. Under no circumstances is refuelling to be carried out with the engine running. Anyone refuelling on the track will be disqualified. There will be no refuelling allowed during any qualifying race or final including warm-up time. Drivers are advised to have a small dry powder fire extinguisher to hand in their pits.
- (11b) Smoking will only be allowed in a designated area announced at the drivers briefing.
- (11c) Nobody under the age of 14 will be allowed to marshal at meetings.

#### (12) EXHAUST/INDUCTION & NOISE

#### ALL CLASSES

(12a) In technical terms the maximum permitted sound level is 81 dB, measured at 1 metre above the track and no less than 10 metres from the car. In practical terms no driver will be allowed to run with a car making enough noise so as to cause problems for the club on whose circuit the event is being run. Kit Standard exhausts are usually sufficient. Open exhausts or pipes are not allowed. The scrutineer will check for excessive noise.

- (12b) The complete exhaust system must be kept within the body work of the car and should (where possible) exit downwards.
- (12c) It must be understood by all drivers that any failure of the exhaust during a race or practice will require the car being removed immediately from the circuit until the fault is repaired.

#### (13) DRIVERS BRIEFING

See general regulations

#### (14) DRIVING STANDARDS

(14a) The Race Controllers will generally act as referees and may confer where necessary with the Race Director. If possible two referees will be stationed on the rostrum at all times.

Referees will be educated in their role and the penalties that they can award. Penalties to be as follows:

First Warning: No penalty

Second Warning: Stop and go penalty

Third Warning: Ten second stop and go

(All penalties to be taken in the heat/race when offences occur and all stop and go penalties to be taken in an area designated by the race director.)

Jump Start in final: Car to start from the back of the grid if race is restarted.

- (14b) Race Director will nominate a referee for each heat and final. The nominated referee will be chosen from the previous heat/final. The referee will carry out the referee duty instead of marshalling.
- (14c) Failure to line up properly or stay stationary on the grid will incur a 10 second penalty. Drivers with this penalty must not complete the lap but must drive into the pit lane (or designated area) and wait for the allotted time until flagged away by the official.
- (14d) If a driver puts in an extra lap after being called to the line he/she will be made to start from the back of the grid.
- (14e) Excessive use of bad language on the rostrum or in race control will incur a warning. If this warning is not heeded a one lap penalty will be awarded.
- (14f) Driving or otherwise behaving in a manner likely to cause injury to other drivers or spectators may result in disqualification from meeting.
- (14g) If a driver is being lapped he/she must not intentionally block the overtaking car, neither must the overtaking driver use heavy tactics to enable him/her to pass the slower driver.
- (14g) Drivers missing parts of the track out during the warm-up in order to spread themselves out for a good qualifying run will receive a 10 second penalty if they hit a car that is circulating normally around the track being used for that meeting.

#### (15) CONDUCT

- (15a) See General regulations
- (15a) Any competitor or pit crew member causing a nuisance or using abusive language to another competitor or pit crew member will face the committee on the day. Appropriate action may then be taken.

#### (16) RACE MEETING FORMAT & STARTING PROCEDURE

- (16a) On tracks where the layout can differ, the layout will be decided upon prior to the Meeting/Saturday practice and approved by the safety officer/committee. Once chosen, this layout can only be changed in exceptional circumstances such as water logging etc.
- (16b) A Heat list will be posted at the beginning of each meeting. The onus is on the driver to check this list.
- (16c) Frequencies will NOT be posted with the heats. It is the driver's responsibility to confirm with the race director that their frequency is correct.
- (16d) Qualifying will consist of three ten minute rounds with the best result to count. The race director may decide to have extra practice rounds where possible. If the meeting is oversubscribed heat times may be reduced to 7 minutes. Finals may be reduced in length if necessary.
- (16e) If there are 5 qualifying heats or less, the heat duration will be 10 minutes. In exceptional circumstances, the committee present at the meeting can decide to reduce/increase the heats and final duration times.
- (16f) The drivers will be arranged in the heats will be seeded firstly from the previous meetings final positions using an odd and even system, secondly from known ability.
- (16g) Rolling Starts will be used for all Heats
  DRIVERS ARE REMINDED THAT IN THE HEATS, RACING IS AGAINST THE
  CLOCK FOR A BEST TIME.
- (16h) Saloon and GTS Finals will be run to 'single sided Christmas Tree' format with 7 direct qualifiers into each final. The fastest 3 from the lower finals will be promoted to the next final
- (16i) The main "A final" for the Saloon class will be of 30 minutes duration.
- (16j) The main "A final" for the GTS class will be of 30 minutes duration.
- (16k) All other finals will be 20 minutes with no promotions
- (16l) All other finals including F1 will be up to a maximum of 20 minutes. Lower finals will be a maximum of 15 minutes duration; Race Director may over rule this on the day due to timescales and entries.
- (16m) Finals will be started from an echelon type grid.
- (16n) There must be at least a 5 meter gap between cars at the start of the final. (Most circuits now have start boxes painted on the circuit at about 5 meter intervals, in which case these will be used).
- (16p) Mechanics must move back away from the cars at the beginning of a Final when instructed by race control/start marshal.
- (16q) No last minute warming of tyres will be allowed. A one lap penalty will apply for not adhering to this rule.

#### (17) WET WEATHER DURING QUALIFYING

- (17a) The Race Director is responsible for the decision to stop a race in the event of rain.
- (17b) On the result sheets the Race Director must mark a heat WET when the heat was raced under wet conditions. Heats are generally considered to be "WET" when average lap times are approximately 20% slower than before due to rain or moisture on the track. When all drivers have had at least one dry heat, all results will be counted.

- (17c) When weather and time permits, the Race Director may decide to offer an extra heat to those drivers who did not have a chance to drive a dry heat.
- (17d) When not all drivers have had a chance to run a dry heat, only the wet results will be counted.
- (17e) When continuation is judged to be senseless, or when the other drivers should be offered a fair chance to drive under dry conditions, the Race Director may decide to end a heat or cancel a complete heat.

#### (18) OTHER REGULATIONS

(18a) Only permanent circuits or semi-permanent ones meeting agreed criteria and approved by the committee may be used for championship events. These would normally be ones marked out in a proper manner and most likely intended for longer-term use. Other tracks can be used for demonstration type events provide adequate measures have been taken to protect drivers, marshals and spectators.

(18b) Circuits should ideally conform to specific requirements, i.e.:

Minimum width 4m.

Minimum length 250m.

Drivers rostrum: minimum 10 persons & covered.

Safety requirements: Pit lane, Perimeter fence, high visibility vests.

Covered pits with tables/benches.

Adequate track marking/car delineation.

Toilets.

Camping.

Food Van/on-site catering.

- (18c) Drivers who applied for a place to race at the previous years European Championship, and didn't pay their entry fee (and didn't attend) thus leaving the BRCA large scale section out of pocket are not eligible to apply for a place the following year.
- (18d) If any issues arise on the day, these issues may be dealt with by means of a committee meeting on the day

#### (19) QUALIFYING FOR EUROPEAN AND WORLD CHAMPIONSHIPS

- (19a) Qualifying selection for the European and World Championships will be based on the previous years overall combined championship results. To reserve a place payment must be made to the section's EFRA Representative.
- (19b) Drivers wanting to compete in a European or world championship must apply via email to the section chairman and the EFRA representative. Fees must be paid before 20th December in full, any cancellations after 31st December will be non refundable.

#### (20) ENTRY REQUIREMENTS & PROCEDURES

- (20a) Entries will be accepted through the Brca on line entry system and also at the event
- (20b) Drivers who have paid but are genuinely unable to attend the meeting will have their entry fee held in credit. Two consecutive cancelled entries will result in loss of entry fee.
- (20c) Drivers who decide not to race on the day will NOT be entitled to any form of

- refund. Entries must be in no later than the Thursday before the meeting unless otherwise stated.
- (20d) Faxed entries are not now accepted.
- (20e) Entries will usually be accepted on the day if early enough, but may incur a surcharge of £10.
- (20f) All race entry fee's to be paid to race control prior to any practice or racing on the track after Saturday lunch time. Race entry fees are-
  - 1) Full meeting (includes Saturday afternoon practice and the meeting on Sunday) is £25 per car per driver.
  - 2) Saturday afternoon practice only is £15 per car per driver.
  - 3) The host clubs will receive £15 per driver per meeting if they supply staff to run race control. If the BRCA section staff run race control, then a £50 deduction will be made from the total.
- (20g) Note, It is in everyone's interest that the race controller arrives at the meeting with all the heats prepared so please get your entries in as early as possible.
- (20h) All competitors must have their own personal transponders
- (20i) It is the responsibility of the racer to ensure that their transponder is working and not for the race controller or race director to adjudicate after the race is finished, we are relying solely on the computer equipment.
- (20j) Any drivers still using 40mhz radio equipment must liaise with the race controller to ensure there's no frequency clashes. No changes to be made without the consent of the race controller.
- (20k) Scrutineering for all classes will be on the onus of the driver. ie fuel tanks, weight, width, wings etc. Cars will be randomly checked and penalties may be incurred.
  - 1) Failing technical inspection during qualifying, results in the loss of that drivers best qualifying run.
  - 2) Failing technical inspection following any final, results in the loss of that drivers laps/time for that final and they will be placed in last position in that final.
  - All cars must conform to the safety aspects and any committee member may carry out these checks. Final decisions will lie with the chief scrutineer.
- (201) All cars to be held in 'Parc Ferme' for the duration of the following heat, if possible including a transmitter pound.
- (20m) The top 10 saloon cars from previous years championship to complete compulsory scrutineering on race day morning, voluntary and random scrutineering will still apply.
- (20n) The Winner of the GTS class will not be eligible to race in the GTS class for 1 year

#### (21) AGM PROPOSALS

(21a) All AGM proposals (both rule changes and committee member nominations) are to be submitted to the Large Scale section secretary by the penultimate national meeting. These proposals will then be available to the Large Scale members by the time of the last national meeting. Any proposals not received by this time can only be discussed at the AGM under "Any Other Business" and may then be subject to a time limit rule at the chairman's discretion. At the AGM, no proposals can be accepted with the proviso that the person who proposed them is kept anonymous at the meeting.