



The Scottish Association of Car Clubs Scottish Cross Country Championship

2015

For all Competitive Safaris run by the **Scottish Land Rover Owners Club**, **Scottish Hill Rally Club**, and **Scottish Off Road Club**

All events will count towards individual SLROC & SORC championships *plus* the Scottish Cross Country Championship

CHAMPIONSHIP REGULATIONS

ORGANISED BY SHRC, SLROC and SORC.

Article 1 ANNOUNCEMENTS

The Scottish Association of Car Clubs (SACC) Cross Country Championship will consist of 6 events, of which 4 will count.

Supplementary Regulations will be issued to cover locations and times, and over-ride any regulations herein.

Article 2 JURISDICTION

The event will be held under the General Regulations of the Motor Sports Association (incorporating the provisions of the International Sporting Code of the FIA) and these Supplementary Regulations, and any further written instructions the clubs may issue for specific events.

Article 3 AUTHORISATION

The MSA Championship Permit Number is: TBC.

All events will be run under a **National B** permit.

Article 4 ELIGIBILITY

The championship is open to:

- Members of the organising clubs
- Members of the clubs listed in Appendix B

All competitors must hold an MSA Non-Race Clubman (or higher grade) competition licence valid for this event or equivalent EC licence.

Competition licence applications should not be made on the day.

Any query as to requirements/applications for such licences can be made to the MSA, telephone 01753 681736

Entry into the Scottish Cross Country Championship will be automatic, with the option to opt out - contact the results co-ordinator for details.

Eligibility for club championships is by club membership.

Club membership cards and competition licences will be inspected at signing on. Where a competitor is unable to produce a properly valid club membership card they will be invited to join one of the organising clubs. The only acceptable proof of club membership is either a valid club membership card, or an application for club membership completed at signing on, and accompanied with the correct fee.

Intending competitors are reminded that when an entry is made in the name of a firm or sponsor, that firm or sponsor must hold an MSA entrants licence and that licence must be produced when other licences will be inspected at signing on.

A competitor is not required to have a navigator on board, however they must complete a lap with the same one they started the lap with.

A competitor may take another (competing) driver or navigator as their navigator¹

The event is open to vehicles which the manufacturer has designated for traversing cross country terrain. All vehicles competing must conform to 2015 MSA Technical Regulations for Cross Country Vehicles (P56-P61) and the technical regulations in Appendix A, with SLROC Championship entries conforming to the appropriate 2015 ALRC regulations & SLROC ASRs.

¹This is seen as A Good Thing[tm]: experienced drivers may teach those still learning their craft

Article 5 PROGRAMME

The Championship will comprise six rounds, the best four results to count. The eligible rounds will be:

Round 1:	Maghermourne Quarry Larne, Northern Ireland, (4WDCNI)	14-15 March 2015
Round 2:	Cambusbeg Quarry, Callander	16-17 May 2015
Round 3:	Forrest Estate, St John's Town of Dalry, Dumfries and Galloway	13-14 June 2015
Round 4:	Ballencrief Farm, Bathgate, West Lothian	22-23 August 2015
Round 5:	Ellington Banks, Ripon, North Yorks (NORC)	26-27 Sept 2015
Round 6	Scottish Borders (Venue TBC) – single day	26-27 October 2015

The programme for each event will be listed in the event SRs, however the general format will be:

- Scrutineering and documentation: 1 hour, commencing 2 hours before 1st car
- Marshals Briefing, and dispersal: 1½ hours before 1st car
- Drivers Briefing: 45 minutes before 1st car
- Parade Lap: 30 minutes before 1st car
(This is at the option of the organisers. It is a privilege, not a right: competitors will not be permitted to "catch up" once the drive round has started. The option will NOT be made available on longer courses – there simply isn't the time to facilitate it)
- Start time will be defined in the SRs
- Finish time will be defined in the SRs
- Results (assuming no protests, etc): 30 minutes after course closes.

The official time of the event will be taken from the "Rugby" radio signal.

All Drivers should present themselves to do their first lap when the course opens, but drivers will not be seeded.

There after, drivers may take their laps as and when they wish to run, and the start is ready to take them.

Competitors should complete all laps. Competitors who start 75% of the required number of laps (8 of 10; 11 of 15) will be classed as Finishers. (See Article 16 for further information)
(Individual clubs may choose to interpret DNFs as they see fit, within their own championship)

Article 6 START AND FINISH

The location for the event will be given in the event ASRs

Where practical, the start will be by traffic-lights, else vocal confirmation.

The finish time will be adjusted thus:

1. Where the start is closed, and competitors are waiting on the line, time will be added to extend the finish time to compensate competitors for time lost. Note: If there are no competitors on the start line, nobody is being penalised, therefore time is not added.
2. Where the start is open, and there are competitors in service, and nobody on the start line, then any time added to extend the finish time will be clawed back.
3. There will be a cap of 30 minutes to this extended time.

Article 7 SCRUTINEERING AND SIGNING ON

Times for scrutineering and signing-on will be defined in event-specific ASRs. Anyone not signed on by close of documentation may be excluded.

Only competitors holding a Scrutineering pass certificate may sign on.

All vehicles will be examined for compliance with the 2015 (ALRC and) MSA Technical and Safety regulations (as appropriate), as well as for class eligibility. Each Entrant and driver will be assumed to have knowledge of the vehicle and its eligibility for the class entered, vehicles must be presented in the same condition as they intend to compete.

Competitors are responsible for ensuring their vehicles are in the right class.

Chassis and running gear must be clean to allow inspection

Vehicles **may** be of a commercial type (eg Discovery van or Hilux pickup) (J5.20.6), and **may** have torque-biasing differentials (P56.8.2)

All vehicles must have:

- A roll-cage conforming to P56.12-57.1
- An electrical cut-off switch conforming to K8
- Fire extinguishers as per MSA requirements K3, with the Hand Held as a minimum
- Seats and harnesses conforming to K2. Note: for Competitive Safaris, a harness must have a minimum of four distinct and separate attachments to the vehicle (K2.1.2) (two clips using a common bolt is a single attachment, even though the straps are separate.)
- Helmets conforming to K10
- Recovery points conforming to P60.2.2. They do not have to be painted contrasting colours.
- Door tops or Window Nets must be fitted, and closed. They must be of sufficient strength to keep a competitors arms within the confines of the vehicle body in the event of an incident.
- NEW: Sill bars and windscreen bars as defined in P 56.14 & 56.15

Attention is drawn to the regulations on Mudflaps (P57.5.2), Tyres (P56.7.4 & Article 11), Wheel Spacers (P56.6), and Spill Kits (P57.5.3).

Competing vehicles will be subject to a noise test. The maximum noise level is 100bd(A) at two-thirds maximum revs at 0.5m conforming to Chart J5.18, Section 'E'.

Where vehicles are not closed, competitors must wear goggles or a visor as per K11

Cameras carried on board are subject to approval by the Clerk of Course, and the Scrutineers must approve their installation.

All vehicles must carry a suitable recovery rope or strap. The use of wire or chain is prohibited.

It is recommended that competitors carry a Hi-Viz vest in the vehicle, and wear such if they need to get out the vehicle when "live" in the course.

For events with night-laps, it will be **compulsory** to have a torch and Hi-Viz vests for both driver and navigator carried within the vehicle.

It is recommended that competitors wear flame-resistant clothing (discipline specific regulation P25.1.1) Clothing must cover the competitor from ankle to wrist to neck, and "sensible" footwear must be worn.

Additional checking may be carried out at any time during the event, of the crew members as well as of the vehicle. The competitor is responsible for the technical conformity of his vehicle throughout the event.

No vehicle will be allowed to start unless it complies with the MSA regulations.

Article 8 ROUTE

The route will be marked with stakes and arrows (Hill Rally style - P11.9-11.14) such that no navigating will be required. The route is the "natural line" between markers.

Vehicles will start at one minute intervals.

No practice will be allowed.

Competitors *are* allowed to "walk the course", either on foot or pedal-cycle. Use of any form of motorised transport, other than any official Parade Lap, will be considered "practice".

A route map and the official course length will be displayed on the official noticeboard for each event.

Article 9 IDENTIFICATION

Cars will be identified by regulation size (23cm) numbers

The organisers will issue such identification numbers (with the physical stickers available for a small charge), based on the finishing position of the preceding season, if applicable, or the next available number.

Identification Numbers do *not* indicate a seeding order.

Numbers must be displayed, on both sides of the vehicle, on a white background. They must either be on the doors, or behind the doors and above the waistline of the vehicle (P49.3).

Numbers should be positioned such that they are not likely to become obscured during the lap.

It is the responsibility of the competitor to ensure that the numbers are clean and legible at the start of each lap².

Identification numbers must be repeated on the windscreen of the vehicle, 8cm (3") high and orange in colour

Drivers and navigators will be identified with coloured wristbands. Drivers may navigate, but navigators may not drive.

It is the responsibility of the competitors to ensure their wristbands are accessible for inspection.

Article 10 CLASSES

The event is open to any cross country type vehicle complying with the 2012 MSA vehicle regulations. (roll-cage, fire extinguisher, cut-off switch, etc), and will be classified thus:

- **Class 1** Standard Production Vehicles
- **Class 2:** Modified Production Vehicles
- **Class 3:** UTV Modified Production (eg Polaris/Artic Cat)
- **Class 4:** Prototypes, Live- Axle, Diesel engines, any size
- **Class 5:** Prototypes, Independent Suspension – all engine sizes and types
- **Class 6:** Prototypes, Live Axle suspension, petrol/lpg engine – up to, but not including, 4000cc
- **Class 7:** Prototypes, Live Axle suspension, petrol/lpg engine – 4000cc and above

Vehicles with forced induction fitted will have their engine capacity increased by 1.7:1 to establish their engine size (J5.4.1)

Should any class have less than 5 entries, the organisers reserve the right to amalgamate those cars with another class as deemed appropriate.

SLROC will reclassify vehicles according to ALRC classes for the SLROC championship.

Vehicles in classes 1 and 2 need not be taxed or insured for use on the public highway (P 60.1.2)

Vehicles in classes 3 to 7 need not comply with Statutory Construction & Use and Lighting requirements (P60.2.1)

A full technical brief of the three groups is given in **Appendix A: Eligibility Requirements**

Article 11 Tyres

Tyres must be from the MSA Tyre List 5 (Section L). Tyres from 5(a), 5(b), and 5(c) are permitted.

The following (non-exhaustive) list shows what is **not permitted**:

- Tyres not listed, including those having a tread pattern similar to, but not listed in, 5(a), 5(b), or 5(c),

² It is also drawn to competitors attention that timing officials do not always recognise vehicles by shape alone: if the timing crew are unable to determine the identity of a vehicle due to obscured numbers, that is not their problem.

- Tyres with obliterated side wall markings,
- Re-cut treads,
- Twin wheels,
- Studded tyres and/or tyre chains.

Tyres will be subject to scrutiny during the event.

Whilst, subject to the above, freedom of choice of tyres is left to the competitor.

The responsibility rests with each competitor to ensure that the tyres to be used are of an adequate rating having regard to the potential speed of their vehicle and the nature of the event. Competitors are advised to contact the Chief Scrutineer if in doubt regarding the eligibility of particular tyre patterns.

Article 12 - ENTRIES

The entry fee will be stated in the SRs. If any competitor declines the sponsors stickers (see Article 29), they must pay a double entry fee

The maximum and minimum entry will be stated in the SRs. In the event of the minimum entry not being met, the organisers reserve the right to cancel any event, with the refund of entry fees less a charge to cover necessary administration. In such cases the organisers may adjust the number of rounds to count in the championship.

Entries should be pre-booked, by writing (email or postal mail, but not SMS text) to the Entry Secretary (listed in the event SRs).

Acceptance of entries will be at the discretion of the Organisers, and entries may be refused without any reason being given.

All [accepted] pre-booked entries will be placed on the Entrants list.

The final Entrants list will be drawn up upon Documentation Closure.

Should it turn out, at the time of scrutineering, that a vehicle does not correspond (in its presentation) to the class in which it was entered, this vehicle may (upon the proposal of the Scrutineers) be transferred to the appropriate class upon the decision of the panel of the Stewards of the meeting.

Teams

A single entry may be made by two drivers, which will be posted as having a final position (not the individual drivers). The named drivers will evenly share the driving and the ratio of driving (over the whole season) should not exceed 60:40 in favour of one driver.

The team does not require both drivers to be present at an event. If one driver is absent, it is the responsibility of the remaining driver to ensure that the timecard card is identified as being for that team.

A driver cannot drive for multiple teams at any single event, however they are not restricted to a single team over the season.

Article 13 OFFICIALS

ORGANISERS

Scottish Hill Rally Club and/or Scottish Land Rover Owners Club Ltd and/or Scottish Off Road Club Ltd (alphabetically speaking)

CHAMPIONSHIP OFFICIALS

Official	Name
Championship Steward	Roger Reed
Championship co-ordinator	Ian Stuart
Competitor Liaison	Dave Franklin
SACC Representative	Diana Baines
Championship Scrutineer	Jonny Campbell
Championship Results	Rupert Hine

The events will be guided by a steering group who are:

Ian Stuart, Dave Franklin, Robert Agnew, Bob Webster, Rupert Hine, Alastair Morton

The Entry Secretary will be defined in the SRs

Article 14 AWARDS

You want awards, as well as driving?

At the end of the championship, there will be the following awards:

- The SLROC & SORC Cup: for the Championship winner
- The Black Smoke Cup: for the highest place vehicle with a 200/300tdi Land Rover engine
- The Custard Motorsport Trophy: for the highest placed [Standard or Modified] Production vehicle.
- The Tartan Teamwork Trophy: for the highest placed team entry
- The Mackenzie Duffield Trophy: for the highest placed English SLROC member in the SCCC

Article 15 RESULTS

Provisional results for the round will be published as soon as practical, after the last vehicle finishes the event.

Final results for the round will be posted 30 minutes after that, unless protest is made.

Protests must be made in accordance with General Regulations [C] 5 and Appeals in accordance with General Regulation [C] 6

Results will be declared in accordance with General Regulation [D] 26.

Points will be awarded as follows:

- For starting an event 5 points
- 10 points less a factor based on position and competitor numbers for overall classification
- 15 points less a factor based on position and competitor numbers for class classification

The class points will be calculated as follows:

$$15 - \left(\frac{15}{\text{Number in class}} \times (\text{position} - 1) \right)$$

A similar calculation will be carried out for overall classification.

SLROC, and other championships, will extract and score results in a manner suitable to their club.

End of year results will be sent to all registered SCCC entrants, who will have seven days (from the postmarked date) to protest.

Article 16 TIMING

Timing will be by digital clock and all times taken to the previous whole second.

Bogey and Target times will be published on the Official Noticeboard

If a competitor retires, he must inform the Clerk of Course or the timing crew.

To be classified as a *finisher*, a competitor must attempt at least 75% of the total number of laps (taking a "maximum" for any outstanding laps not completed).

The winner will be the *finisher* who has completed the event in the least possible time. In the event of a tie, competitors will be placed equally, and the next placement down will be skipped³

The start/finish crew will hold time cards. Where possible, a table of lap-times which will be made available for competitors.

Competitors should not enter the caravan, nor make requests of the start/finish crew⁴

Article 17 PENALTIES

Competitors will receive penalties as follows:

Action	Penalty
Under Bogey	Bogey time
Over Bogey, under Target	Actual Time Taken
Hitting a marker cane. ⁵	+ 30 seconds
Failure to follow the course. ⁶	+ 15 minutes

Should any lap time not appear authentic, the organisers may use any means at their disposal to establish a time.

Time allowed for self-recovery is 10 minutes, after which the clerk of course reserves the right to initiate official recovery.

The following offences carry the PENALTY of EXCLUSION:

1. Smoking whilst competing
2. Being *possibly* unfit for reasons of health, consumption of alcohol or prohibited substances (D25.1.14)
3. Failure to wear properly fastened harnesses and crash helmet whilst competing.
4. Being out of bounds (As Article 19)
5. Failure to comply with Article 24 (refuelling)
6. Excessive speed in the paddock area, the maximum speed being 10mph.
7. Not complying with a reasonable instruction from an official or marshal.
8. Ignoring a flag (as Article 27) or an SOS board (as Article 28).
9. Deliberately blocking the passage of competing cars or to prevent them from overtaking
10. Behaving in an unsporting manner, or acting in a manner which may bring the sport into disrepute (see A10)

3 For example: if there are two competitors in 2nd place – the results will go 1st, 2nd, 2nd, 4th...

4 If we have a full compliment of entrants, the start/finish crew will be very busy, with cars setting off every minute.

5 Accidents happen: we are aware that vehicles slide and may accidentally hit a marker. Deliberate and/or persistent striking of markers will be penalised.

6 Accidents still happen: we are aware that competitors may accidentally slide outwith the bounds of the course or divert round a stricken competitor. Deliberate and/or persistent course cutting will be penalised.

Article 18 SERVICING

Servicing is only permitted in the designated area.

Emergency repairs may be carried out outwith the service area in order that the car may complete the lap, or return to the service area.

Servicing MUST be performed on an impervious membrane groundsheet, and all waste products removed from the site by the team.

All servicing must be carried out in a safe manner: vehicles supported on axle-stands, not trolley-jacks; fluids kept in containers, and not placed for an easy spill;

Article 19 OUT OF BOUNDS

Any competitor will be deemed to be Out of Bounds if in a prohibited area or more than 25 meters from the marked course, unless acting under the instructions of an official or marshal.

Article 20 FINAL INSTRUCTIONS

Final instructions will be posted at signing on, and may be supplemented by written bulletins during any event.

Article 21 INTERPRETATION OF REGULATIONS

It is not the duty of any marshals to interpret regulations or any other written instruction to the competitor or to explain the meaning and/or effect thereof. It is the responsibility of the competitor to read and understand the regulations and all other written instructions.

If clarification is needed, contact the Championship Co-ordinator or Championship Results Officer.

Article 22 ADDITIONAL INFORMATION

Amendments to the Regulations - Supplementary Regulations or Finals.

Supplementary Regulations will be issued, with the specific details for each event.

The provisions of the combined regulations may be amended by bulletin, which will be an integral part of the present regulations.

Competitors should always drive and conduct themselves in a manner that shall not discredit or arouse adverse public opinion.

By the very act of signing the entry form, the entrant, as well as all the crew members, submit themselves to the sporting jurisdictions specified in the International Sporting Code and the prescriptions of the present regulations only.

Radio equipment used by the competitors on the event may be checked by OFCOM. Any radio equipment found to be causing interference with the designated safety network will be impounded for the duration of the event.

Article 23 ACCOMMODATION

Camping space (for tents and caravans) may be available at each event.

Article 24 FUEL

Spare fuel must be kept in the service area, where all refuelling must also be carried out.

No smoking will be allowed whilst refuelling or within 10m of a crew refuelling. Engines must be switched off when refuelling and at least one fire extinguisher must be manned, and ready, whilst refuelling is taking place. Crew must be out of the vehicle, and nobody should be under the vehicle, whilst fuel is being transferred.

It is not permitted to carry extra fuel in competing vehicles.

Article 25 JUDGES OF FACT

Judges of Fact appointed by the Organisers (G10) will be on duty throughout each event to observe and report upon any competitor considered to be in contravention of General Regulation P27.1.

The names of these Officials will be notified in an Official Bulletin which will be posted on the Official Notice Board.

- The Chief Scrutineer and Scrutineers appointed for the event are Judges of Fact in respect of Vehicle Eligibility, Noise, Driving Standards, and for speeding in the paddock area.
- The Start Officials will be empowered to judge whether or not a competitor has made a false start.

Article 26 FLAGS

The following flags will be used:

Yellow: Stop. There is something ahead that requires the competitor to wait momentarily, before being allowed to continue. The marshal will give the driver instructions. This is a case of *force Majeure*. (P49.6.7)

Red: Stop. This flag can only be issued on the instructions of the Clerk of the Course. Your lap has been stopped. You will be instructed how to return to the start, and will be given a notional time for that lap. (P14.5)

Article 27 OK/SOS BOARDS

Competitors must carry an A4 sized OK/SOS board. The board **should not be double-sided**: it should not be possible for OK and SOS to be read from the same board at the same time.

In the case of a vehicle has been involved in an accident and medical assistance **is not required**, the OK board must be prominently displayed towards following competitors.

In the case of an accident where urgent medical attention **is required**, the SOS board should be immediately displayed towards following competitors.

Any competitor seeing an SOS board, **or seeing a vehicle which has sustained a major accident and is not displaying an OK board**, must immediately *and without exception* stop to render assistance. All following vehicles shall also stop, with the second vehicle on the scene being dispatched to the next radio point to inform the Clerk of Course, and all subsequent vehicles ensuring a clear route for emergency vehicles, and to ensure the scene is not disturbed before the emergency vehicles arrive.

At the Clerk of Course's discretion, vehicles stopping thus may be given a notional time (as per a Red Flag)

Abuse of the OK/SOS board is a serious offence, and such competitors will be reported to the MSA.

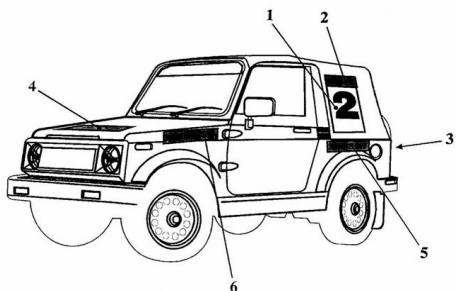
Article 28 ADVERTISING AND SPONSORS DECALS

Competitors are allowed to affix any kind of advertising to their vehicles, provided that:

- it is authorised by the national laws and the MSA regulations.
- it is not likely to give offence.
- it does not encroach upon the spaces reserved for plates and competition numbers.
- it does not interfere with competitors vision through the windows.

The Clerk of the Course has final veto on any advertising.

Advertising proposed by the Organisers is as follows:



1. Black Competition Numbers on white background
2. Organisers/Sponsors Plate (supplied by Organisers)
3. Rear Rally Plate (supplied by Organisers)
4. Front Rally Plate (supplied by Organisers)
- 5/6. Organisers Advertising (supplied by Organisers)

the Pre-Scrutineering Control.

Rally plates and Organisers' and Sponsors' decals will be applied at

END OF REGULATIONS

Annex B – Invited Clubs

- Scottish Hill Rally Club
- All Wheel Drive Club
- Anglian Rover Owners' Club
- Blackpool South Shore Motor Sport Club
- British Armed Forces Motoring Assoc.
- British Trial and Rally Drivers Assoc.
- Buchan Off Road Club
- Buxton and District Land Rover Club
- Clwyd Vale Motor Club
- Cornwall & Devon Land Rover Club
- Edinburgh University Motor Sport Club
- Glamorgan Off Road Club
- Historic Rally Car Register
- Highland 4 Wheel Drive Club
- Lancashire & Cheshire Land Rover O C
- Lincolnshire Land Rover Club
- Machars Car Club
- Marches 4x4
- Midland Off Road Club
- North Humberside Motor Club
- North Lakes 4x4 Club
- Northern Off Road Club
- Quinton Motor Club
- Scotia Cross Country Motorsport Club
- Scotland West All Terrain Club
- Scottish Land Rover Owners Club
- Scottish Off Road Club
- Southern Counties Off Road Club
- Staffs & Shropshire Land Rover Club
- Tay 4x4 Off Road Club
- The 4 Wheel Drive Club of Northern Ireland
- 55 Car Club