

## BULLETIN



BULLETIN N° 2014-08

**Subject: CARS National Rally Cross Regulations**

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The following are general rules for all ~~Rally Sprint~~ Rally Cross events run by CARS affiliated clubs. Additional rules may be added by an individual region and/or a ~~Rally Sprint~~ Rally Cross series to supplement these regulations, but regional or series regulations may not contravene these National ~~Rally Sprint~~ Rally Cross Regulations.

## **28 RallyCross**

### **28.1 Definition**

~~Rally Sprint Cross~~ are ~~competition events wherein~~ is an event where participants compete against the clock ~~one at a time~~ and total time taken over the competitive sections of the event determines placing. ~~Rally Sprints~~ Cross are ~~both a level of competitive event on their own and a development event preparing competitors for participation in performance rally events.~~ ~~Rally Sprints~~ are meant to be designed to accent the development of vehicle handling skills while limiting both top and average speeds attainable by competitors. ~~Rally Sprints~~ are of two basic types: a) ~~multiple courses art either a single venue or multiple course venues (hereinafter called rally Cross)~~ or b) ~~multiple courses at either a single venue or multiple venues which could include closed public roads (hereinafter called Rally Sprint).~~ ~~Bothe Rally Cross and rally Sprints could follow a rally format of stages and transits.~~ can be a competitive level, but must, first and foremost, be a training forum designed to accent the development of vehicle

handling skills while limiting both top and average speeds attainable by competitors.

## **28. ~~2~~ ~~1-1~~ General Requirements**

28.2.1 ~~1-1-1~~ A Rally Cross is an event generally held on an unpaved, flat surface, wherein the course generally consists of straight sections and connecting turns or corners. Accent in course design must also place on the general avoidance of obstacles such as trees, exposures, deep ditches, etc.

28.2.2 ~~1-1-2~~ ~~Only one car is permitted on the course at any one time. Two or more cars are permitted on the course simultaneously.~~  
Organizers must take measures to insure that there will be no wheel to wheel racing or passing. Organizers may grant a re-run or issue a time allowance to compensate the affected competitor who slows or stops to avoid passing.

28.2.3 ~~1-1-3~~ Rally Cross events are to be insured under CARS Rally Cross insurance, available through CARS. The permit and insurance certificate must be displayed at the event registration.

28.2.4 ~~1-1-4~~ All persons ~~on-site,~~ involved in the event as participants, officials, workers, crew etc must sign an insurance waiver.

28.2.5 ~~1-1-5~~ Organizers reserve the right to exclude any vehicle or person from further participation in the event at any time for reasons of perceived safety concerns involving either the condition of the vehicle or the conduct of the person.

28.2.6 A safety plan for each venue used must be submitted annually to the Region Rally Director. A revised application must be submitted if there are significant changes to the organizational or course structure.

## **28.3 ~~1-2~~ Eligibility of Competitors and Vehicles**

### **28.3.1 ~~1-2-1~~ Competitors**

(a) The following documents, valid on the day(s) of the event, must be presented at registration:

- driver's license for the crew member listed as driver
- vehicle registration (if any portion of the route runs on public roads).

- when the owner of the vehicle is not entered as the driver, co-driver or passenger, a written authorization from the owner of the vehicle
- for any participant (driver or passenger) under the age of majority of the province, a written permission signed by a parent or guardian

(b) Passengers (~~sixteen or older~~ minimum age 12 years, minimum weight 36 kg or [80 lbs] and minimum height 145 cm or [4'9"]) are permitted.

(c) If the Rally Cross is being presented as a stage and transit format event, then a co-driver must be carried. ~~No other persons are permitted in the vehicle~~ NOTE: Passengers are not permitted under this format of Rally Cross.

(d) If the Rally Cross is being presented as a stage and transit format with any part of the route on public roads, ~~then~~ the vehicle must be street licensed and insured.

### **28.3.2 ~~4.2.2~~ Vehicles**

(a) Vehicles must be based on a production, closed body and chassis to compete.

(b) All loose items in the vehicle must be removed during the event (including from the trunk).

(c) Snap-on hubcaps, detachable fender skirts and trim rings must be removed.

(d) Tires must be in good condition, with no cord or belts showing or cracks in the tread or sidewalls.

(e) Mechanical condition and safety of the vehicle is the responsibility of the competitor.

(f) Vehicles must comply with noise limits as outlined in CARS NNR 12.4.4. Lower noise limits may be set by an Organizer to satisfy local requirements.

### **28.3.3 ~~4.2.3~~ Mandatory equipment**

(a) Helmets meeting NRR.11.1.6 or bearing "Snell Memorial Foundation" ~~1995M or 1995SA~~ 2000 M or 2000 SA (or more recent) labels must be worn by all drivers, co-drivers and passengers. ~~A DOT motor vehicle helmet may be worn if it is the type that covers the ears (no skull caps).~~

(b) Minimum three point seat harnesses must be worn by drivers and passengers.

## **28.4 ~~1.3~~ Event Organization**

### **28.4.1 ~~1.3.1~~ Authorizations and Permits**

Proper authority for use of the venue(s) must be obtained and such permissions must be available for scrutiny at registration.

### **28.4.2 ~~1.3.2~~ Security Measures**

Security measures will be in force to insure the safety of competitors, officials and spectators (closing of the course, start and finish locations, communications, recovery, etc.)

### **28.4.3 ~~1.3.3~~ Course Design**

(a) Each course shall not exceed 3 km in length. Several courses may be run simultaneously.

(b) Each course shall be arranged such that the maximum average speed shall not exceed 70 km/h and the maximum speed shall not exceed 100 km/h. Course designs that allow maximum speeds to be exceeded should be changed for any future events.

(c) The course shall be arranged such that it is clear of all heavy stationary objects. If this is not possible, tires, hay bales or other compressible barrier shall be used to minimize vehicle damage should contact occur.

(d) The course should be configured in such a way as to minimize the possibility of rollover.

(e) The use of chicanes (consisting of hay bales, pylons or similar soft materials) on straights of greater than 100M is recommended. The use of ~~yumps or bumps to reduce speeds~~ jumps is not permitted.

(f) Organizers reserve the right to change the course configuration at any time during the competition should a portion of the course deteriorate.

(g) Marshals shall be placed such that all competing vehicles will be visible at all times while on the route.

(h) A stop box may be used at the end of a run. A time penalty of 10 seconds must be assessed if a vehicle does not stop within the box.

(i) Each driver will be provided an opportunity to walk or drive through the course, or to have a parade lap, prior to the first run.