

S.R.C.O.R.C.C. CLUB RULES

For Off Road Section

Updates to these rules: Whole paragraph is in Bold and marked with ****

Web address: www.sydneyrc.com or www.sydneyrc.com.au

Visit AARCMCC page for technical rules, battery and motor listings.

ALCOHOL AND DRUGS:

The consumption of any alcohol or the use of any drugs is prohibited in the immediate vicinity of the track, or within the grounds of the Club.

Smoking, drinking or eating is NOT prohibited within the track boundaries whilst marshalling.

The use of Mobile Phones within the track boundaries is not permitted (radio interference)

LANGUAGE

The use of any filthy or abusive language to OR by any member or official of the Club will not be tolerated and **WILL AT THE DISCRETION OF THE CLUB EXECUTIVE BRING INSTANT DISQUALIFICATION** of the offending driver from the entire event

Sydney Radio Control Off Road Car Club Inc. shall be referred to as the SRCORCC Inc. or the Club within these Club Rules.

Note: This club has now adopted the A.A.R.C.M.C.C. Off Road Rules.

GENERAL CLUB RULES

MEMBERSHIP

1. A maximum of two visits are permitted before a competitor must become a financial member of the SRCORCC Inc.

A new member must be nominated by a current financial member and seconded by a current Committee member. This application must be accepted by the SRCORCC Inc. Committee, upon which a membership card, receipt and these club rules will be issued. Such membership card must be carried to all Club race days.

Members will automatically be affiliated A.A.R.C.M.C.C.. The Club membership card will be issued by the Treasurer as proof of Affiliation with these Associations.

2. Financial members of the SRCORCC Inc. will have entry priority on Club race days.

3. An entry fee of \$8.00 – Off Road, \$9.00 – On Road for financial club members
\$12.00 - Off Road, \$13.00 – On Road for visitors is required up to the published entry closing time.

4. Public Liability Insurance coverage of \$20 million covers financial members and signed on guest competitors of the SRCORCC Inc.

5. All visitors intending to race must see the Race Registrar, where their name will be entered into the computer before permission to race will be given.

6. Club race meetings will be conducted on the 2nd and 4th Sunday of each month.

7. Night Race Meetings are conducted on the 1st and 3rd Saturday of each month.

8. On Road meeting are conducted on 1st and 3rd Friday evenings.

9. Major race meetings may be conducted on the 5th Sunday unless otherwise notified in the Club magazine - First Gear.

10. Any club member may conduct a club event and should indicate their intention to the Committee at least one month prior to the Club Rules as set by Sydney Radio Control Off Road Car Club Inc.

race meeting.

11. All members and visitors **MUST WEAR ENCLOSED SHOES.** No thongs, sandals, bare feet etc, are permitted within the confines of the track. Failure to wear enclosed shoes will deem prevention to compete and will void any Public Liability Insurance.

12. All Club members will now be issued with their official race number (this number indicates their finishing position in the Club Championship – Off Road or On Road) which is to be placed on the vehicle window and windscreen and to be visible to the race director. This number is to be worn at all times except during State or National competitions where the hosting organisations require you to wear another number. ****

RADIO EQUIPMENT

1. Radio equipment and its operation must conform to Government Regulations.
2. A competitor may run any radio equipment or receiver battery configuration they see fit. Modifications to permit access to the crystals is permitted.
3. No transmitters are allowed to be taken on the track during races.

Note: All drivers must have at least three (3) frequencies available at race meetings within a period of four (4) months of joining the club. Spektrum Radios (2.4Ghz) are now accepted at all our race meetings.

4. Radios should have changeable frequencies. In the case of frequency conflict, the higher qualifier retains their preferred frequency and the lower qualifier must change.
5. Race Officials shall provide procedures to ensure that no more than one transmitter is on any one frequency (crystal) in any one heat.

RACE OFFICIALS

1. These are the officials generally required to conduct a meeting. In some cases, one person may handle more than one job.
 - a) Race Director - In charge of meeting, supervises all activities.
 - b) Registrar - Records information on entrants, checks entrants qualifications, collect fees etc.
 - c) Scrutineer - Inspects cars for compliance to club rules and car specifications at the time of registration or as requested by the Race Director.
 - d) Starter or Lap Scorer - Gives signals to start and stop races, monitors conduct of racers and individual cars, responsible for detecting track boundary violations and warning offenders.
 - e) Clerk of the Course - Makes final decision in all matters, subject to appeals submitted to the Clubs committee on race days.
 - f) Lap Scorers or Timers - Responsible for accurate timing and lap counting of races, keeps starter informed of race progress, ensures satisfactory reporting of race results.

NEW MEMBERS RACE PROCEDURE

1. All inexperienced members or visitors will start their racing career in the Novice class.
2. Novice drivers will be moved to the next progression class when there is a noticeable improvement in their driving skills, when Novice drivers have Top Qualified and won their Novice final on three (3) or more occasions, when drivers are continually doing the same or similar laps of the next class of progression (2wd or 4wd Stock).
3. Novice drivers will not be moved up to the next stage eg. 2wd Junior, Senior or Truck until they meet a criterion as set down by the Committee of the Club. This criterion will be constantly updated to be an effective form of grading and information will be made available to the Novice drivers as they begin their race career.

ENTRY PROCEDURE

1. Entries must be lodged by the appropriate time as announced by the Race Officials.
2. **Sunday Race Meeting** entries will be open between the time of 9.30 a.m. and 10.15 a.m, so that racing will start at 10.30 a.m. promptly.

Saturday Afternoon Race Meeting entries will be open between the time of 3.30 a.m. and 3.45 a.m, so that racing will start at 4.00 a.m. promptly.

Friday Evening Race Meeting – On Road entries will be open between 6.30pm and 6.50 pm, so that racing will start at

7.00 pm promptly.

2. Entries for club events must be accompanied by the appropriate entry fee. Drivers must show their current Club membership card if requested by the Race Lap Scorer.
3. Cars may be scrutineered after entries have been received, and drivers will be called to a Drivers Meeting where they will be advised of frequency allocation, colour of race flag, heat number and Class.
4. All transmitters must remain in the pit area - in the OFF position, unless instructed otherwise. Radios must not be turned on until the driver, car and radio are on the Starting Grid and then only turned on when instructed to do it.
5. Any driver turning on their radio in the Pit Area will lose their best race for the day. If a driver is given more than one (1) warning, they will be disqualified from the meeting and will face the Executive Committee later.

VEHICLE REQUIREMENTS

1. Cars failing to conform with any of the specifications set out elsewhere in these rules will not be allowed to compete until rectified. If cars are altered after competition has started, drivers will be disqualified from the whole event.
2. A driver cannot substitute cars once the original car entered has passed scrutineering or has competed in one heat, unless other cars are also scrutineered and use the same frequency.
3. Drivers of Novice vehicles are permitted to race provided they use any of the ROAR xx approved stock motors as per the motor list, may be used.
4. Novice drivers are prohibited from using any MODIFIED MOTOR whilst they are in the Novice class. The use of these motors during a race meeting will mean disqualification from the event.
5. Novice drivers at an Off Road meeting may use either a 27 turn, 24 degree rebuildable stock motor or a Johnson 540 #683 silver can, grey endbell motor.

SCRUTINEERING

1. All cars fitted with a 1/10th scale body must have driver fitted with at least head and shoulders. No other form of driver is permitted. Cars with no driver provided are permitted to fit a driver at the owners discretion.
2. The car body shall be within the class rules and must be in the spirit of the event. All lexan bodies must be painted, unpainted bodies are not permitted.
3. A maximum battery specification shall be one (1) x 7.2 volts, 1200 mAh to 4200mAh drive power packs, using standard sub 'C' cells. **Lipo Batteries are illegal for racing in this club at present. ******
4. Any car may be subject to scrutineering during or at the end of the race day. Any car found to be outside the club rules will be disqualified from the results.
5. Competing vehicles must use the allocated lap scoring transponder or personal transponder. Failure to do so, will result in no race score.

GENERAL DRIVING RULES

1. Heat races may be mixed grades and qualifiers of each grade will go into their respective finals and will be run separately. In the case of a clash of frequency, the higher qualifier will normally retain their frequency in the finals.
2. No car will be driven at any time in reverse of the track traffic that is considered an unreasonable distance. A driver must be careful not to hit the throttle when a marshal is handling the car.
3. A Black Flag warning will be given to a driver whose driving or car operation constitutes a hazard to the other cars in the race.
A Black Flag register will be kept and if three (3) warnings appear against any one name during the days racing, the driver will be disqualified from the days racing.
4. If a driver ignores the Black Flag warning they will be disqualified from that race.
5. A car must finish the race under its own power, it cannot be pushed by a Marshall or bystander. If a car is pushed over the finish line, the driver will lose those race laps and time.
6. Unsportsman like driving (such as intentional hitting of other cars, short coursing or deliberate corner cutting) is not allowed. Anyone doing so, may incur a penalty from that particular.
7. Abusive language by a driver, marshal or any official will not be tolerated. Immediate disqualification from the race
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meeting or the track confines will result.

All driver during a heat or final will refrain from speaking unnecessarily whilst on the drivers stand.

8. Drivers must marshal the race immediately following their race. Drivers in the last heat must marshal for the first race of the day. Failure to marshal will incur a loss of that marshals highest qualifying laps on the day. A second offence at the same race meeting will mean disqualification from the meeting.

9. Substitute marshals will be accepted only in extreme situations and must be approved by the Race Director. In the case of substitute marshals, the original driver is responsible for the actions of the substitute marshal.

10. **Race cars MUST NOT BE REPAIRED ON THE RACE TRACK.** No tools or the removal of the body is permitted. Ball joints may be reconnected, or any minor repairs may be done provided no tools are used.

11. A car running on the track has the right of way over a car that has gone off the track, turned over or otherwise has had problems. Marshals **MUST** treat all cars equally.

LAP SCORING

1. Lap Scoring will be done using the latest version of Alycat software and AMB electronic Transponders. Personal transponders may be used (provided transponder number is given at time of entry registration).

2. Cars **MUST** pass over the Start or Finish line to record a lap. Cars breaking down on the circuit and returning to the pits **MUST** rejoin the race from the designated re-entry area (usually where the car left the track).

3. Cars will not receive a lap until they pass the Start or Finish line (transponder loop).

4. In the event of the hooter sounding (computer lap scoring) this means an instant stop because there has been a malfunction within the system or the track is not safe. All cars **MUST STOP IMMEDIATELY.**

5. Any driver found creeping at the start line will be sent to the back of the grid. Should that driver incur another warning they will be disqualified from the race.

6. All cars are to be **SWITCHED OFF** when the heat or final is completed. Drivers are **NOT PERMITTED TO DRIVE AROUND THE TRACK** after the event has been completed.

7. The drive battery pack **MUST NOT BE CHANGED** during a race of five (5) minute plus the last lap duration.

CONCOURSE

JUDGING OF BEST PRESENTED CAR

1. The following categories, each to rate ten (10) points maximum for a possible total of one hundred (100) points are to be used in judging concourses at Club events. Some considerations that may help judge each category are listed for reference. The final score is to be based upon comparative judgement between competing cars.

- a) Authenticity - scale accuracy.
- b) Body Shell - altered commercial, commercial, doors, grill etc.
- c) Exterior Finish - authentic colour, detail quality, artificial or realistic.
- d) Cockpit Detail - instruments, driver detail, accessories and seats.
- e) Authenticity - Body Off - looks like original tub, frame detail etc.
- f) Chassis, Running Gear, Wheels, Tyres - modified, commercial.
- g) Radio Placement - hidden, partially hidden, apparent.
- h) Working Features - lights, doors etc.
- i) Operation, Under Power - competitive, average or barely operates.
- j) Overall Effect - workmanship, presentation etc.

2. Classes:

- Display - non raced, but must be fitted with radio control gear.
- Raced - must have been raced during the year and have done at least 3 race meetings.
- Novelty - anything goes.

3. Trophies will be awarded to 1st, 2nd and 3rd in each class.

4. **RADIO EQUIPMENT:**

1. Radio equipment may be inspected at any time during the event.

2. The only Australian authorised frequencies to be used are:

29mhz.

**29.725=10 26.995=12 29.765=14 29.785=16 29.805=18 29.825=20 29.845=22 29.864=24 29.885=26 29.908=28 29.925=30
29.945=32 29.965=34 29.985=36**

27mhz

**26.970=1 26.995=2 27.020=3 27.045=4 27.070=5 27.095=6 27.120=7 27.145=8 27.170=9 20.195=10 27.220=11
27.245=12**

40mhz

Drivers may use between **40.665Mhz and 40.995Mhz**, inclusive, in increments of 0.010Mhz.

Spectrum Radio Systems are now permitted.

3. Competitors found using any other frequencies, in racing or practice, may be disqualified from the event. No reversal of crystals will be allowed.

4. Drivers must have a spare frequency to change to upon request of the Race Director. In the event of a frequency clash the lower qualifier must change.

5. Transmitters must not be taken onto the track at any time during a race, or onto placed on the Starting Grid.

6. A maximum of two control devices may be used (ie., two servo's or a servo and a speed controller).

7. Gyros are not allowed.

8. At major events transmitters may be impounded after open practice and will only be released for official racing. Transmitters will be released at the end of the days racing or if the entrant is leaving the event.

9. During open practice, frequency pegs must be used and returned immediately after use. A ten minute limit may be enforced if courtesy is not given to drivers on the same frequency.

10. Transmitters must be powered by not more than 8 AA size cells, each with a maximum of 1.5 Volts. There is no restriction on the capacity (amp hours) of these batteries.

11. No separate battery pack may be used to power the transmitter.

12. The Race Director may delay the start of a race due to radio interference. Anyone not on their assigned frequency may be disqualified from that heat or final.

5. **BUMPERS:**

Bumpers are optional. Any bumper must be of a shock absorbing material. No sharp protrusions from the front of the car are allowed.

6. **RACE TIME:**

All drivers will complete in at least 3 heats and 2 finals - entrant numbers as the decider.

1. Novice heats and finals will be run for 5 minute plus last lap duration.
2. Stock heats and finals will be run for 5 minute plus last lap duration.
3. Truck heats and finals will be run for 5 minute plus last lap duration.
4. Modified heats and finals will be run for 5 minute plus last lap duration.

7. **CLASSES:**

Refer to AARCMCC rules for Off Road Electric Classes.

RACE PROCEDURES

1. **IDENTIFICATION:**

Each competitor will be issued with a colour / number coded transponder at the time of Registration. This transponder must be

inserted into the body of the vehicle prior to the drivers race, and returned at the conclusion of the race, unless the driver is in possession of a personal transponder unit.

2 **DRIVERS MEETING:**

A drivers meeting may be held each day before the commencement of racing. It is compulsory for all drivers to attend this meeting.

3 **HEATS & FINALS:**

Finals will consist of a minimum of three (3) and a maximum of ten (10) drivers and will be grid starts.

4 **STARTS:**

An audible four (4) minute, three (3) minute, two (2) minute, (1) minute and an audible count down of last ten (10) seconds will be given before the finish of the current race.

At this time drivers for the next race will continue to the transmitter impound (if effective), collect their transmitters, fit transponders (if required) and assemble at the drivers stand. Transmitters must not be turned on until instructed by the Race Director. Drivers and transmitters are not allowed on the starting grid or track at anytime during a race.

A one (1) minute warning will be given before the start of the race.

A thirty (30) second warning will be given. Pit crews must leave the racing surface when instructed by the Race Director.

A ten (10) second warning will be given. After the ten (10) second warning no other cars will be allowed on the racing surface until after the race has begun, at which time the pit crew may place a car onto the starting grid only.

The start of a race will be by an audible signal either by computer or orally.

5 **JUMP STARTS:**

Definition of a Jump Start is when a car jumps its grid line. (eg. The whole car passes over the start grid line).

If there is a jump start (a minimum of three (3) cars) the Race Director will stop and restart the race, the offending driver/s will be noted.

If the same driver/s offend a second time, during the same race meeting, a penalty of ten (10) seconds will be given. For a third offence a penalty of one (1) lap will apply. Any further offence will mean disqualification from the meeting.

6 **DRIVERS STAND:**

During racing only the drivers taking part in the current race are allowed on the drivers stand. The drivers stand is out of bounds to all other persons (except officials).

Drivers must not leave the drivers stand during his/her race, otherwise a penalty may be incurred.

7 **MARSHALLING:**

1. Marshalling shall be done by the drivers or a substitute who has been authorised by the Race Director.
2. The Race Director must be told of a substitute marshal prior to the marshal being required.
3. All marshals shall be at their designated point by the end of the 30 seconds to the start warning.
4. Marshals must not perform repairs on vehicles in place of their normal duties. An inoperative vehicle must be placed upside down outside the track for collection by the pit crew.
5. Drivers must marshal the race following theirs or as directed by the organisers.
6. Only Race Officials and marshals are allowed on the track whilst a race is in progress.
7. Failure to marshal during qualifying heats, may result in a 1 lap penalty from the driver's best final score of the day and a warning will apply to the driver.
8. Failure to marshal during finals or final, may result in a 1 lap penalty from the driver's best final score of the day and a warning will apply to the driver.
9. Failure to marshal where there is no finals or qualifying, may result in a 1 lap penalty from the driver's best final score of the day and a warning will apply to the driver.

8 **CONDUCT AND PENALTIES LANGUAGE**

1. All participants must strictly observe the instructions of the Race Director and Officials.
2. The use of any filthy or abusive language to OR by any member or official of the Club will not be tolerated and **WILL AT THE DISCRETION OF THE CLUB EXECUTIVE BRING INSTANT DISQUALIFICATION** of the offending driver from the entire event and that person will be prohibited from taking part in any Club functions for a period of (24) twenty four months, upon which re-entering to the club will mean said person will be required to present themselves before the Executive of the Club at a special meeting and give satisfactory reasons why said person/s should be permitted to rejoin the club and its activities.

3. The consumption of alcohol or non prescription drugs by drivers or officials during the race meeting is not permitted.
4. Warnings may be issued, to a Driver, by the Race Director and appointed Referees for the following:
 - a. Unsportsmanlike driving or behaviour.
 - b. Intentional hitting of other vehicles.
 - c. Consistent or deliberate corner cutting.
 - d. Driving in a manner dangerous to other vehicles, et., driving against traffic.
 - e. Deliberate swerving to block a vehicle attempting to pass. Note: A driver is permitted to hold their racing line when in front of a vehicle if both vehicles are on the same lap.
 - f. Drivers failing to give way to faster cars during qualifying.
 - g. Drivers failing to give way to lapping cars during racing.
 - h. Abusive language or swearing.
 - i. Abusing marshals
 - j. Pit Crews going onto the track during a race.
 - k. Coaching of drivers during a race.
 - l. Failing to pass scrutineering.
 - m. Failing to marshal.
 - n. Failing to return a transponder.
 - o. Failing to obey instructions of officials.
 - p. Jumping the start.
 - q. Using reverse – unless in Novice class.
 - r. Other misconduct.

A combination of two (2) warnings in any race, may result in the disqualification of the offending driver from that race.

A combination of three (3) warnings on any day, may result in the disqualification of the offending driver from the days racing.

9. BLACK FLAG:

(Removal of car from the track). A black flag may be issued for the following reasons: -

- a) After two (2) or three (3) warnings have been issued.
- b) Cars judged to be in an undrivable-drivable or dangerous condition by the Race Director. These cars may be allowed to return to the race after being repaired.
- c) Cars losing their body or can re-enter the race after body has been re-attached.

10 REFEREES:

The Race Director may appoint two (2) referees to observe the racing and report any infringements to the race rules.

11 ALCOHOL AND DRUGS:

1. **The consumption of any alcohol or the use of any drugs is prohibited in the immediate vicinity of the track, or within the grounds of the Club.**

2. **Smoking, drinking or eating is NOT prohibited within the track boundaries whilst marshalling.**

12 APPEALS: (Lap count checking).

1. Appeals, or verbal protests regarding any decision by an official, including lap counting results or warnings, must be lodged Club Rules as set by Sydney Radio Control Off Road Car Club Inc.

with the Race Director immediately after the posting of that event's results, or the decision concerned.

2. Should the Race Director's decision on the matter be disputed or considered unsatisfactory the person concerned may lodge an Official Protest.