

GO RACING NZ

IC *New Zealand*
Offroad
nationals *2010*



Friday 1 to Sunday 3 October 2010

Supported by:

GO Racing NZ

ProSport RC

H.O.T.

Frankton Model Shop

hamilton
Radio Control Car Club (Inc.)
www.hrccc.co.nz

EVENT INFORMATION

- The Event:** 2010 NZRCA IC Offroad Championships.
- Date:** Friday 1 to Sunday 3 October 2010
- Venue:** Hamilton Radio Controlled Car Club,
Bristol Park, Hamilton, New Zealand
- Classes:** 1/8th IC Off-road Buggy
1/8th IC Off-road Truggy
1/8th Electric Off-road Buggy (Demonstration Class)
- Eligibility:** All drivers must be a current NZRCA Affiliated Club member and be on the 2010 NZRCA Licence Register.
- Rules:** All cars must conform to the NZRCA IC Offroad rules dated 1st September 2009. (These are available for download from www.nzrca.co.nz) It is the drivers' responsibility to ensure that their car meets all technical specifications. Technical inspections will be performed on all cars during the event.
- Entry Fees:**
- | | |
|--------------|----------------|
| First Class | \$40.00 |
| Second Class | \$20.00 |
- Payment in full must accompany entry.
Entries electronic via the HRCCC website 2010 Nats section
- Late Entries:** These will only be accepted in exceptional circumstances, at the discretion of the organiser. Any late entries will incur an additional fee of **\$20.00 Per Car**.
- Confirmation:** Confirmation of entry will be listed at www.hrccc.co.nz
- Concours:** Concours will be held before the start of qualifying.
- Power:** Limited power will be available.
- Food:** There will be food and refreshments available on site for the duration of the event.
- Toilets:** The toilets in the Riverside Rodders Clubrooms will be available for use. Competitors **must remove their footwear** before entering this facility.
- Rubbish:** Please make every effort to keep your immediate area clean & tidy.
- Enquires:** Please conduct all enquiries to the event co-ordinator, Matt Whitmarsh

EVENT FORMAT

Practice: A Controlled Practice system will be use on Friday 1 October. Each competitor will have three 10 minute practice sessions. These sessions will be run as per your qualifying race heat. This is the only time that will be available for practice for the duration of the event.

The track will be closed from after HRCCC Club Points day, 26 September until the meeting starts, for event preparation.

If any competitor is observed using the track during this two week period, **they will be excluded from the event.**

Qualifying:

1/8th Buggy	6 x 10 min Heats, one on Friday and five on Saturday.
1/8th Truggy	6 x 10 min Heats, one on Friday and five on Saturday.
1/8th Electric Buggy	6 x 10 min Heats, one on Friday and five on Saturday.

Round numbers dependant on entries received. The Club reserves the right to drop a round. All qualifying rounds will use the live loop starting system. Qualifying positions will be determined by adding your points tally from four of the six rounds, with your worst two results dropped.

Finals: IFMAR Finals System will be used with Xmas Tree Finals. There will be three bump-up positions from each of the lower finals. The ten 'A-Main' finalists will consist of the drivers who finish in the first four places from each of the semi finals and the final two spots will be filled by the next two fastest drivers from either the odd or even semi finals. No drivers will qualify directly in to the main final.

Final	60 Minutes
Semi Finals	30 Minutes
Lower Finals	20 Minutes

Timing: We will be using Slyfox Software and an AMB RC System. We strongly recommend the use of personal transponders, if you are using a personal transponder, **competitors** are responsible for ensuring that we have the correct details and that the transponder is operating.

Marshalling: Every competitor must be at their marshalling point no later than the one minute call of the next race marshal the race immediately following their own race. If unable to marshal, the competitor must appoint a substitute marshal and make their substitute known to the race director. Failure to marshal will result in a competitor losing their best qualifying time.

Frequencies: All competitors must list a minimum of two legal frequencies for each car entered. In the event of a frequency clash in a final the higher qualifying competitor will have precedence. Competitors who are using either Crystal or Synthesised radio transmitters will be required to submit their transmitters to the pound during racing. Competitors using DSM will not have to submit their transmitters to the pound.

Watering: Depending on weather conditions up to and during the event, The track may be watered at regular intervals. If this is necessary, then the watering will be staggered during qualifying.

Pit Set Up: A limited number of tables are available at the venue, but be prepared to supply your own table and seating.

Refreshments and food will be available at the venue



1/8TH SCALE ELECTRIC OFF-ROAD

Demonstration Class

Tire type: Rubber only.

Battery Cells: 14.8v lithium battery maximum
11.1v 3s Lipo
14.8v 4s Lipo
If two 2s 7.4v Li-Poly packs are used, they must be the same brand and part #.

Transmission and drive:
Single speed transmissions only 4WD, Gear covers required.

Suspension: Independent.

Body Style: Buggy or other off-road style body that resembles an actual off-road racing non-truck type vehicle

Race lengths:

Qualifiers:	10 minutes
A Mains:	20 minutes
Other Mains:	10 minutes

BUMPER RULES

Bumpers are not required in all classes, but when used, they must be shock absorbing and non-metallic, with no sharp edges. For safety, rigid bumpers, such as fiberglass and composites, are not permitted. Front bumpers must be of at least 1/8" material (3/32" for 1/12). Bumpers will not extend forward of the body except on off-road cars. The bumper may not extend to the side beyond the outer edge of the tires. Rear bumpers must be made of a solid material with rounded edges and may not extend to the side beyond the outer edges of the tires, and may not extend beyond the rearmost part of the body except in off-road vehicles.

GENERAL VEHICLE RULES

The use of traction control sensing devices, active suspension devices, and steering control devices aided by gyroscopes or accelerometers (G-force sensors) of any kind is strictly prohibited. Sensors may be used for the purpose of passive data recording but not for adjusting the performance of the vehicle while in motion. Multiple speed transmissions are not allowed.

When originally entered in an event, the body must be complete, neatly finished, painted, and trimmed. No clear areas except windshields and windows are allowed. No clear areas or stripes through body colors are permitted. No objectionable or suggestive art, decals, or lettering will be permitted.

Sharp or otherwise dangerous parts or features on a body are not permitted.

All vehicles must have a readily removable body. The body and chassis must be securely joined at all times while the vehicle is on the track. Rubber bands are not allowed for this purpose. If a body comes off a vehicle during a race, the vehicle must be taken off.

Openings in the body other than those appropriate to full-size vehicle openings such as grill, scoops, air vents, etc., must be kept to a minimum. Specifically servos, receivers, batteries, and servo savers are not allowed to protrude through the original body shell.

EVENT TIMETABLE

Friday 1 October:

7:30	Registration and Scrutineering
8:30	Controlled Practice Round 1 (10 minute practice heats)
11:00	Controlled Practice Round 2
1:30	Controlled Practice Round 3
4:00	Drivers Briefing
4:30	Qualifying Round 1

Saturday 2 October:

7:00	Registration and Scrutineering
7:45	Drivers Briefing
8:00	Qualifying Round 2 (10 minute qualifying heats)
10:30	Qualifying Round 3
1:00	Qualifying Round 4
3:30	Qualifying Round 5
6:00	Qualifying Round 6

Sunday 3 October:

8:00	Drivers Briefing
8:30	Finals- 1/8th Truggy, 1/8th Buggy (lower finals first), 1/8th Electric Buggy
5:00	Prize Giving

Prize giving will be held at the conclusion of finals in the Riverside Rodders Clubrooms adjacent to the track.

Monday 4 October: Rain day if required

Rain delays will be called at the discretion of the organisers. Every effort will be made to complete the meeting on the Sunday 3th of October.

Note- Times subject to change due to number of entries received.

Remember, the **track will be closed from the 26 September until the beginning of the event**, the controlled practice is the only time that is available for practice prior to the start of qualifying. If any competitor is observed using the track during this two week period, **they will be excluded from the event.**

ELECTRONIC ENTRY FORM on www.hrccc.co.nz

All competitors wishing to enter the meeting must complete the entry form and payments via the HRCCC web site.

Alternatively you can return entry form with payment to:

HRCCC, PO Box 9002, Hamilton

Entries close Friday 24 September 2010

