



Queensland Miniature Race Car Club Inc.

TRCAA International Challenge September 2022

The Queensland Miniature Race Car Club Inc (QMRCC) on behalf of the Tethered Race Car Association of Australia (TRCAA) would like to invite the tether car clubs of the world to participate in the **2022 International Challenge**.

Venue

The event concept involves racers from around the world competing against each other **by racing at the track of their choice** (which in most cases will be their home track).

Important Dates

| | |
|-------------------------------|--|
| 30 August 2022 | Registration due date from your club for each driver competing |
| 10 - 25 September 2022 | Race meetings need to occur in this period |
| 1 October 2022 | Results to be sent to the QMRCC for collating |

Classes and Technical Rules

The following WMCR and TRCAA classes will be run during the event with **all racing on 4:1 straight fuel** (i.e. no nitro):

| | |
|----------------|--|
| Class V | World Class 10 cc |
| Class IV | World Class 5 cc |
| Class III | World Class 3.5 cc |
| Class II | World Class 2.5 cc |
| Class I | World Class 1.5 cc |
| 10 cc C Grade | Open Wheel, Un-Piped, Side Exhaust 10 cc |
| 10 cc D Grade | Open Wheel, Un-Piped, Ringed Piston, Old Timer 10 cc |
| 5 cc B Grade | Un-Piped 5 cc |
| 3.5 cc M Class | Open Wheel, Un-Piped, Spur Drive 3.5 cc |

Due to subtle differences between current WMCR and FEMA rules, world class cars entered will need to comply with *either* the WMCR Technical Regulations (Revised May 2001) *or* FEMA Technical Regulations 2013 v01a (English) DRAFT.

The rules of the TRCAA classes are attached in full and summarised as follows:

| Australian Class | 10 cc C | 10 cc D | 5 cc B | 3.5 cc M |
|--------------------------------------|---|----------------|---------------------------|-----------------|
| Maximum engine capacity allowed? | 10 cc | 10 cc | 5 cc | 3.5 cc |
| Nitro fuel allowed? | No, all classes run 4:1 methanol and castor fuels only | | | |
| Tuned pipe allowed? | No, straight exhaust only with no pipe or minipipe | | | |
| Driven wheel suspension allowed? | No | No | Yes | No |
| Non-driven wheel suspension allowed? | Yes | Yes | Yes | No |
| Enclosed wheels allowed? | No | No | Yes | No |
| Rear exhaust crankcase allowed? | No, only side exhaust | | Yes, any exhaust location | |
| Ringed, old timer engine required? | No | Yes | No | No |
| Special gearbox type required? | No, any gearbox type allowed | | | Spur only |
| Cable used? | Red Ø1.6 | Red Ø1.6 | Red Ø1.6 | Green Ø1.2 |
| Equivalent pan handle design? | Class IV | Class IV | Class IV | Class II |
| Maximum weight allowed? | 3.130 kg | 3.130 kg | 2.300 kg | 2.000 kg |

A nominated speed event will also be included, where driver's attempt to predict the speed their car will do prior to the event. These speeds need to be supplied to the race organiser with entries (prior to the event).

Registration

Entry details for each driver will need to be provided by each participating club. Required details include:

| Driver | Club | Car No. | Class | Chassis Manufacturer | Engine Model | Nominated Speed (km/hr) |
|--------|------|---------|-------|----------------------|--------------|-------------------------|
| | | | | | | |
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Awards

Placegetters in all classes will receive a PDF file certificate at the completion of the collation of results.

We are looking forward to hosting this (virtual) event as an opportunity to foster good relations between clubs from all nations.

Kind regards,

A handwritten signature in black ink, appearing to read 'S. Clydesdale', with a long horizontal line underneath it.

Scott Clydesdale

QMRCC Race Committee Member

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