



## **2014/15 WCICS RULES**

By

WCICS Team & Club Representatives  
[www.wcics.ca](http://www.wcics.ca)

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Listed in preferred running order for all events:

**TABLE 1**

SPONSOR	CLASS	RACE TIME	MOTOR	ESC TIMING	BATTERY	TIRES	WEIGHT (G)	BODIES
	Tamiya Mini	5	ORCA	ORCA	2S round hard case < 500mah	Tamiya	1200	Mini Spec
	12th Stock	8	13.5	no	1S rear	Open Foam	730	Roar 1/12th
	TC Stock	5	17.5	no	2S roar	Sweep Spec	1380	Roar TC
	GT	5	silver can	no	1S or 2S roar	Open	open	No TC Bodies
	CTA	5	21.5	no	2S roar	HPI Spec	1450	VTA Spec
	World GT	5	10.5	no	1S roar	WGT Foam	930	WGT Spec
	12th Mod	8	open	yes	1S roar	Open Foam	730	Roar 1/12th
	TC Mod	5	open	yes	2S roar	Sweep Spec	1380	Roar TC



### **ATD Hobbies Tamiya Mini ORCA**

Chassis - Any Tamiya M Chassis car - Assembled as per instruction manual. (IE: No FWD to RWD M-03 conversions) Unnecessary parts may be left off during assembly (IE: rolls bars on M-05, electronics trays) but no part may be sawed, cut, or milled from chassis.

Drivetrain - Open Diff and Drivetrain, maintaining the kit FDR. 16, 18 and 20 tooth pinions in M-03/M-05/M-06. 17, 19 & 21 tooth pinions in M-04.

Hop Ups - All other Tamiya or aftermarket hop ups are permitted.

Motor/ESC - Spec Orca Q combo only, set to zero timing/boost (blink mode must be active) or sealed Johnson/Mabuchi 27t silver can kit type motor. Open brushed ESC. No modifications to motors or ESCs permitted. Silver cans will not be permitted to advance beyond the C main.

Wheels/Tires - Tamiya branded mini sized tires and inserts only. Double stuffing not permitted. Any mini sized wheel.

Bodies - Open to any mini sized body with the following restrictions - No touring sedan and/or 12th scale type wedge/Can Am bodies. Bodies must be cut and painted along the factory body lines.

Battery - Any 2S, 7.4V, round edged, hard cased lipo pack that will fit the mini (IE: M-03) chassis (without modification to pack or chassis). **Square packs, "shorty" packs included, are allowed in the M-05 Ver. II & M-06, but must be ROAR approved. Capacity limit of 5000mAh.**

Minimum Weight - 1200g

Any modification not called out specifically in these rules is not legal. Infractions called out during tech are binding.



## F1

**Motor: 21.5t ROAR Stock Spec**

**ESC: No ESC timing or boost. ESC must be on ROAR approved list (See Technical Inspections section for full details)**

**Battery: 2S Li-Poly battery packs must have a hard, protective case as per ROAR 8.3.2.2**

**Tires: Open Rubber F1 scale. 200mm cars must run narrow modern tires eg. F104 tires**

**Weight: Minimum weight 1050g**

**Bodies: F1 scale. Molded front/rear wings. No lexan wings**

**Width: 190mm max. 200mm cars may be run for this 2014-2015 season using narrow tires.**

**This is not encouraged and may change for the 2015-2016 rules**

**Drive: 2-wheel rear drive cars only**

**Wheelbase: 270mm max**

**Minimum Ride Height: 4mm**

**Suspension: All suspensions allowed, including IFS suspensions. All front suspension mounting points must be located entirely within the body shell (no pan-car front suspension systems). Adjustable link front ends are OK as long as the inner mount point is located within the body.**

**Driving Aids: None allowed**

**Race Length: 5min**

## Orion Safety GT & CTA (Canadian Trans-Am, formerly VTA)

### GT

Any on-road 1/10th scale RC vehicle

Motor: Silver Can Motor

ESC: No ESC timing or boost. ESC must be on ROAR approved list (See Technical Inspections section for full details)

**Battery: 1S or 2S Li-Poly battery packs must have a hard, protective case as per ROAR 8.3.2.2**

Tires: On road rubber tires

Weight: Open

Bodies: No touring car bodies allowed (includes Mazda 6s, Stratus, DNAs, Mohawks, etc.)

### CTA

Motor: 21.5 Brushless motor ROAR Approved. Open gearing.

ESC: No ESC timing or boost.

**Battery: 2S Li-Poly battery packs must have a hard, protective case as per ROAR 8.3.2.2**

Tires: HPI tire part #4793 "front" and #4797 "rear" using single stock tire inserts provided with tire and any HPI Vintage wheels designed to fit these tires. All other tires are illegal.



Wheels: HPI wheel part #3805 through #3822, #3854 through #3860, #33472 and #33473, #33474 and #33475 are the only legal options

Wheels/tires designated as "front" or "rear" must be used as intended.

Grinding of tire tread is NOT permitted. Sanding of mold seam to remove seam is allowed.

Minimum tread depth is 0.5mm

Weight: Minimum weight 1450g

Four Wheel Drive touring car chassis only. Any era or brand 4wd chassis is allowed.

Bodies: Late '60s to early '70s American pony car Vintage Trans-Am bodies only. Body provided deck lid spoilers allowed (not wings). No additional skirts or raised/extended wings or air control surfaces allowed. Body must be trimmed at body trim lines. Full rear bumper required. It is highly preferred that bodies are detailed in race type livery in period-correct paint schemes. Driver and/or lights preferred, but not required. Examples:

Bolink/RJ Speed part numbers: BL2262 '68 Chevrolet Camaro BL2263 '65 Ford Mustang

HPI part numbers: 17510 - 1970 Plymouth AAR 'Cuda 7494 - 1968 Chevrolet Camaro 17531 - 1969 CHEVROLET CAMARO Z28 17508 - 1965 Ford Shelby GT-350 17519 - 1966 Ford Mustang GT 104926 - 1966 FORD MUSTANG GT COUPE BODY 105106 - 1970 DODGE CHALLENGER BODY

Parma part numbers: 10143 - 1969 Z28 Camaro 10141 - 1970 Boss Mustang 10113 - 1970 'Cuda

Pegasus Hobbies part numbers: PGH4001 - 1970 Camaro SS PGH4002 - 1970 'Cuda

PGH4003 - 1970 Mustang

Protoform part numbers: #1526 - J71

McAllister Racing part numbers: #286- 1969 Mustang body

### CRC World GT

**Motor:** 10.5 Brushless motor ROAR Approved

**ESC:** No ESC timing or boost. ESC must be on ROAR approved list (See Technical Inspections section for full details)

**Battery:** 1S Li-Poly battery packs must have a hard, protective case as per

#### **ROAR 8.3.2.2**

Tires: WGT Spec tires

Weight: Minimum weight 930g

Maximum width 200 mm

Bodies: World GT spec bodies only



### The UPS Store, Country Hills 12<sup>th</sup> Stock

**Motor:** 13.5 Brushless motor ROAR Approved

**ESC:** No ESC timing or boost. ESC must be on ROAR approved list (See Technical Inspections section for full details)

**Battery:** **1S Li-Poly battery packs must have a hard, protective case as per ROAR 8.3.2.2**

Open Tire

Weight: Minimum weight 730g

Bodies: 1/12 cars must run Can-Am/Lola style bodies.

### Novak 12<sup>th</sup> Mod

**Motor:** Any 540 Size Motor

ESC: ESC timing and boost allowed.

Battery: ROAR approved 1S Li-po hard case batteries only

Tires: Open Tire

Weight: Minimum weight 730g

Bodies: 1/12 cars must run Can-Am/Lola style bodies.

### Team Great Hobbies TC Stock

Motor: 17.5 Brushless motor ROAR Approved

ESC: No ESC timing or boost. ESC must be on ROAR approved list (See Technical Inspections section for full details)

**Battery:** **2S Li-Poly battery packs must have a hard, protective case as per ROAR 8.3.2.2**

Tires: Sweep Real Blue QTS32N Spec Rubber Tire (one set for all qualifiers and main). If a tire breaks, only the broken tire is replaced.

Weight: Minimum weight 1380g

Bodies: Top of wing on touring cars must be equal or below the roofline in race ready position.

### Awesomatix TC Mod

Motor: Any 540 Size Motor

ESC: ESC timing and boost allowed.

**Battery:** **2S Li-Poly battery packs must have a hard, protective case as per ROAR 8.3.2.2**

Tires: Sweep Real Blue QTS32N Spec Rubber Tire (one set for all qualifiers and main). If a tire breaks, only the broken tire is replaced.

Weight: Minimum weight 1380g

Bodies: Top of wing on touring cars must be equal or below the roofline in race ready position.



## RESPONSIBILITIES

### Individual Host Clubs Responsibilities

1. Venue (location, pit tables, power, etc.)
2. Race Director
3. Registration & marking of tires
4. Tech table (Scale, Meter, ride height, wing level, Hudy template)
5. Sponsor banners & trophy backdrop, put up in visible area, in the camera view if broadcasting on LiveRC. PLEASE be careful, it's the clubs responsibility not to damage them!
6. Podium photos of A-main winners, PREFERABLY in front of the class sponsor banner.
7. Post results and podium pictures to WCICS Dropbox. Contact Josh if you need access.
8. Timing & scoring (AMB/Mylaps preferred, RCScoring Pro preferred)
9. Organizing volunteers
10. Race report to WCICS team (to be posted on-line)
11. RCTech (or appropriate internet forum) threads for the individual races should be titled: "WCICS Round X: Race Name" for consistency, and to ease search ability. Standard template has been used for last few years, search RCTech for last years thread and copy the standard.
12. Host clubs and WCICS Director Luke Pitman will work together to try to provide on-line race pre-registration for all 2014 events
13. Host club club is permitted to add a maximum of 1 "demo" class to above (i.e. Micro 18<sup>th</sup>), but the only classes that count toward the WCICS series are those listed above in the "Classes & Rules Section"
14. All heats will be structured according to a 50% rule to ensure the enjoyment of all racers. When the number of racers in the last heat is at or below 50% of the max number of cars in a heat, the last 2 heats will be split, and if there is an odd number of cars, the faster heat will have 1 more than the slower heat. (i.e. if there are only 9 vehicles for the mains, and normally 8 maximum cars run per heat, it would be broken up into an A-main of 5, and a B-main of 4).
15. Minimum registration for a class to run is 50% of a full heat. i.e. if a full heat is 8 vehicles, 4 registrants are required for that class to run
16. First round heats to be sorted by the current series points standings. For the first round the previous year point's standings are used. Resort after rounds 2 & 3
17. Attempt to arrange for volunteers for the Technical Inspection table, and if available, for marshaling.
18. Safety equipment has been provided by ORION safety & will be distributed to the clubs. Ensure they are located & identified to the racers in the Drivers Meeting.



19. If a significant incident with one or more racers occurs at a WCICS member club, a “WCICS Incident Report” form will be submitted to the club WCICS Rep, to be distributed to the other WCICS clubs for information.
20. Grid spacing has been standardized to 10’. This may mean the last few grid spaces are wrapped around the last few corners, but this has been deemed a better overall balance to avoid the first lap chaos that is experienced with tighter grids.
21. If a club’s race is canceled 2 years in a row, it triggers an automatic discussion and vote for the reps as to whether that race remains in the series.
22. Encourage the use of on-line registration, and at the RD’s discretion, cut off registration Friday night. This allows the pre-sort and heats to be posted, so qualifying can start at 9am Saturday.
23. Drivers meeting and concourse to be held Friday night at approx. 9pm.
24. Any major news items to be posted beside the heat sheets.
25. All races (except 12<sup>th</sup> Scale) are 5 minutes.
26. To limit the length of the day for the volunteers, it is recommended that the track be closed 30min after the last qualifier on Saturday. Final decision is up to the RD.
27. Available Washrooms and their Location
28. Available Smoking Area and its Location
29. Available Parking

### **Individual Racers Responsibilities**

1. Enjoy yourself and help out the young and new racers
2. No swearing, alcohol, or drugs at the race event at any time. May be cause for expulsion from any series race, or full season or part thereof, without refund, at the Race Directors discretion
3. Racers must marshal the next heat or arrange for a substitution. Penalty for not doing either is 1 lap deduction or 30 seconds added to their best qualifier, or that main; at the Race Directors discretion.
4. For the enjoyment of all, ensure traction compounds used are citrus/odorless based.
5. If a racer wishes to submit a “WCICS Rule Change Submission Form”, it shall be submitted to the Rep by the racer requesting the change, consisting of the exact wording of the proposed change, accompanied by 5 signatures of WCICS racers, and a submittal fee of \$50. If the submission is approved by the Reps, the \$50 is returned. If not, it is deposited into the WCICS account.



## OTHER RULES

1. Race Director's ruling is final on all matters.
2. A racer may enter any class(es), but this can be limited by individual Host Club depending on registration/timing/venue requirements.
3. New WCICS races added must be run by a non-profit club that is holding a regular race series.
4. If a heat (race or qualifier) is interrupted (i.e. computer crash) at any time before it is completed, the full heat is re-run at the end of the round.
5. Li-Po Rules:
  - a. ROAR approved Li-Po packs only (includes 1s and 2s packs) APPROVED LIST.
  - b. Warming trays not allowed.
  - c. Maximum temp of a pack is 110 degrees Fahrenheit before the car begins a heat.
  - d. Maximum charge rate is 1C.
  - e. Maximum voltage 8.4000 for 2 cells, 4.2000 volts for 1 cell.
  - f. Li-Po sacks are mandatory during charge. No exceptions.
  - g. Enforcement done by racers with the idea that everyone is looking out for everyone else for the safety of all.
6. WCICS member clubs agree not to hold races on the dates of WCICS events in their own province.



**APPENDIX I: WCICS RULE CHANGE SUBMISSION FORM**



Name of Person Submitting Request:

Contact Phone Number:

Date:

Original Rule:

Proposed New Rule:

Submittal Fee: \$ 50.00

<b>Racer</b>	<b>Printed Name</b>	<b>Signature</b>
1		
2		
3		
4		
5		

