



(Preliminary 2004 rev. 1.5.1)

# Official Rule Book And Guidelines

**Current Updates:**

Classes and Class Specifications modified for more flexibility.  
HPI Track Build Instructions made available as a separate document.  
Xray M18 added to Classes

**[WWW.IMCRA.ORG](http://WWW.IMCRA.ORG)**

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## IMCRA Rules and Guidelines

### Race Season Structure

**IMCRA Local Shootout (optional for Tracks and Clubs)** - Multiple local races Hosted by local Hobby Shops, Community Tracks or Clubs worldwide that have applied to the IMCRA to become Affiliates.

**IMCRA Regionals – Larger scale Prize and Title races Hosted by one Race Facility within each IMCRA Region. Regional Host Facilities are chosen from the Host applications of those Affiliates that have applied for this opportunity.**

**IMCRA Nationals – This is a single Prize and Title Event Hosted by a Single Facility chosen for each Racing Season from **the Host applications of those Affiliates that have applied for this opportunity.****

### Bylines

#### ***Statement of Purpose***

1. The IMCRA recognizes the growing numbers of RC enthusiasts who own small -scale vehicles. The IMCRA also recognizes that the vehicles are of high quality manufacture and are able to have their performance noticeably tuned through the use of suspension, chassis, tire, motor and other modifications making these vehicles eligible for organized racing.
2. The IMCRA is unique in that it represents a scale of RC vehicle that is very accessible and can be raced virtually anywhere. IMCRA Local Shootout races can be run at Hobby Shop tracks, Club tracks or temporary tracks set up to a designated minimum specification that is accessible and low cost. This allows drivers in areas without formal Club or Track representation to take part as long as they can assemble the minimum requirements for Track and Participants.
3. IMCRA Race Rules will adhere as closely as possible to those established by ROAR and IFMAR and in wide use.
4. The IMCRA serves as the sanctioning body and organizer of National events and season based racing series'. The IMCRA operates as a Not-for-Profit Unincorporated Association. All dues or fees collected are used for materials for Members and Race Host Facilities, general operational expenses and to pay individuals for their assistance in running the IMCRA and participating in the extensive organizational activities required.

Any questions or inquiries can be sent to: [info@imcra.org](mailto:info@imcra.org)

## Vehicle Specifications

### ***1/18 2wd/4wd touring car***

- To be based on HPI Micro RS4, Xray M18, Duratrax Micro SF, or BRP SC18. (Losi Mini-T Off Road Class Pending)
- Any other 1/18<sup>th</sup> scale vehicles can be recommended for consideration by emailing the following information to [info@imcra.org](mailto:info@imcra.org): Your Name, Your Email Address, Recommended Product Name and basic specifications, Product Manufacturer, Manufacturer Contact info and Web Site URL, Product Price, Examples of where the product can be publicly purchased, your comments as to why this vehicle should be considered.

### **On Road Stock**

#### **Chassis**

- ?? Original Manufacturers Stock Chassis and Suspension Configuration. Independent Suspension is allowed if it is part of the Stock Manufacturers configuration for that vehicle.

#### **Motor**

- ?? Manufacturers stock motor only (HPI, Xray, Duratrax: Mabuchi 180 or equivalent; BRP Parma 16D (NON-TUNED))

#### **Batteries**

- ?? With 180 size motors: 5 Cell Nimh or NiCD Brick or Bullet style configuration. 2/3a, KAN or AA 1.2vCells only. Use of Alkaline or other 1.5v cells is not allowed.
- ?? With Parma 16D Motors (BRP): 4 Cell Nimh or NiCD Brick or Bullet style configuration. 2/3a, KAN or AA 1.2vCells only. Use of Alkaline or other 1.5v cells is not allowed.

### **On Road Stock Modified 1**

#### **Chassis**

- ?? Original Manufacturers Stock Chassis and Suspension Configuration. Independent Suspension is allowed if it is part of the Stock Manufacturers configuration for th at vehicle.

#### **Motor/Batteries**

To allow greater participation and to create stock a class with speeds suitable for 1/10<sup>th</sup> scale tracks, "Stock Modified 1" allows for mixed motor sizes with different battery configurations. Batteries are to be Nimh or NiCD Brick or Bullet style configuration. 2/3a, KAN or AA 1.2v Cells only. Use of Alkaline or other 1.5v cells is not allowed.

- ?? 180 size motor with 6 Cells (See approved Motor list at [www.imcra.org](http://www.imcra.org))

- ?? 180 Modified with 5 Cells (See approved Motor list at [www.imcra.org](http://www.imcra.org))
- ?? 300 or equivalent with 4 Cells (See approved Motor list at [www.imcra.org](http://www.imcra.org))
- ?? Parma 16D with 5 Cells (BRP cars only. BRP cars can also run the 300 configuration)

## **On Road 300 Modified 2**

### **Chassis**

- ?? Any Chassis Brand or Type may be used. Alternate/advanced suspension may be used.

### **Motor**

- ?? Speed 300 Base (Graupner Speed 300 or other 300 motor re-branded on the Mabuchi base). Motors may be Tuned. No 'bb' or 'brushless' motors will be allowed. Any motor other than those in the IMCRA approved list will need IMCRA approval. A list of sanctioned motors is available on the [www.imcra.org](http://www.imcra.org) web site. Send sanctioning requests with make, model and specifications of the motor to [info@imcra.org](mailto:info@imcra.org).

### **Batteries**

- ?? 6 Cell Nimh or NiCD Brick or Bullet style configuration. 2/3a, KAN or AA 1.2v Cells only. Use of Alkaline or other 1.5v cells is not allowed.

## **Oval Modified 1**

### **Chassis**

- ?? Any Chassis Brand or Type may be used. Alternate/advanced suspension may be used.

### **Motor/Batteries**

To allow greater participation and to create a class with speeds suitable for 1/10<sup>th</sup> scale tracks, Modified 1 allows for mixed motor sizes with different battery configurations. Batteries are to be Nimh or NiCD Brick or Bullet style configuration. 2/3a, KAN or AA 1.2v Cells only. Use of Alkaline or other 1.5v cells is not allowed.

- ?? 180 size motor with 6 Cells (See approved Motor list at [www.imcra.org](http://www.imcra.org))
- ?? 180 Modified with 5 Cells (See approved Motor list at [www.imcra.org](http://www.imcra.org))
- ?? 300 or equivalent with 4 Cells ) (See approved Motor list at [www.imcra.org](http://www.imcra.org))
- ?? Parma 16D with 5 Cells (BRP cars only. BRP cars can also run the 300 configuration)

## Oval 300 Modified 2

### Chassis

?? Any Chassis Brand or Type may be used. Alternate/advanced suspension may be used.

### Motor

?? Speed 300 Base (Graupner Speed 300 or other 300 motor re-branded on the Mabuchi base. Motors may be Tuned. No 'bb' or 'brushless' motors will be allowed. Any motor other than those in the IMCRA approved list will need IMCRA approval. A list of sanctioned motors is available on the [www.imcra.org](http://www.imcra.org) web site. Send sanctioning requests with make, model and specifications of the motor to [info@imcra.org](mailto:info@imcra.org).

### Batteries

?? 6 Cell Nimh or NiCD Brick or Bullet style configuration. 2/3a, KAN or AA 1.2v Cells only. Use of Alkaline or other 1.5v cells is not allowed.

## General Specifications

### Gearing (All Classes)

- ?? Due to the wide variety of track "Scale" that 1/18<sup>th</sup> vehicles may be run on, Pinion Gear choice will be designated by the Regulation of the Track being run or in the absence of Track Regulation the Pinion Gear will be Drivers Choice.
- ?? Spur Gears are to be the Stock configuration of the Factory Vehicle.

### Tires (All Classes)

- ?? **On Road and Oval:** Rubber or Foam as designated by the Track authority. In the absence of a specific regulation, Tire material is Drivers choice. Compound makeup is the choice of the driver (re: Soft/med/hard compound). Staggering of Foam tires is not allowed.
- ?? **Use of Traction Compound:** Allowed in Individual IMCRA Site Events as ruled by the local Track Authority.

### Body (All Classes)

- ?? Any commercially available 1/18-scale sedan or touring car body of any make is eligible.
- ?? Lexan construction
- ?? No Wings or Air Dams other than top rear mounted Spoiler.
- ?? Rear Spoiler Required for Oval Races

### **Antenna Masts (All Classes)**

- ?? All Vehicles participating at any level of IMCRA Event are required to have a full length Antenna Mast equal in length to the stock part provided in HPI Micro RS4 (9-10 inches). This is to accommodate the use of Optical Timing Systems and to minimize the use of "rollover" and other alternative antennas.

**No external or add on weighting (Adding weights to balance vehicle).**

**All parts must be affixed per manufacturers recommendation to minimize separation from the vehicle in an accident.**

### **Hand out kits and fees**

- ?? For Regionals or Nationals Title Events, the IMCRA may make Handout Kits available for purchase by Drivers. If made available, Member Drivers may order a handout kit through the current Vendor Sponsor(s) or purchase any individual selections through their own preferred vendor.
- ?? Kits will include Required Motor, Tires or other parts as defined per race series.

## **Driver**

All Drivers in IMCRA Events must be current IMCRA members in good standing. IMCRA membership is NOT required for local races using IMCRA rules only and not running IMCRA events.

### ***Fees***

#### **Membership**

An Annual IMCRA Membership costs \$15.00 US per year.

#### **Race Fees:**

<b>Local Shootout Events:</b>	<b>Fee determined by Local Track Host. Fees should outline cost for First Class registered and discounted fee for subsequent Classes registered per Event.</b>
<b>Regionals Events:</b>	\$25.00 US For first Class Registered, \$ 15.00 US per subsequent Class registered per Event. Fees listed do not include handouts if available.
<b>Nationals Event:</b>	\$45.00 US For first Class Registered, \$30.00 US per subsequent Class registered per Event . Fees listed do not include handouts if available.

### ***Registration***

Drivers may register for as many Classes as they wish. Subject to Classes offered at an Event. Not all Hosts/Events may offer all IMCRA Classes.

#### **Local Shootout:**

Drivers sign up ahead or day of race at the Race Location. (IMCRA Member Number Required)

#### **Regionals**

Drivers Registration forms will be available online at <http://www.imcra.org>.  
Registration Forms will be posted at [www.imcra.org](http://www.imcra.org) prior to the first date of Event Registration. (IMCRA Member Number Required)

#### **Nationals**

Drivers Registration forms will be available online at <http://www.imcra.org>.  
Registration Forms will be posted at [www.imcra.org](http://www.imcra.org) prior to the first date of Event Registration. (IMCRA Member Number Required)

## ***Behavior***

The IMCRA believes that the Membership of the IMCRA should promote high quality Events and Good Sportsmanship. All IMCRA Members will promote their sport and compete in a fair manner. Adherence to fair On Track behavior and the use of Common Sense and Good Judgment are the basis for all Member activities.

Any infraction of an IMCRA Rule or any behavior determined to be contrary to the above statement will subject the offending Member to a Verbal Warning of their behavior. Continued offensive behavior by an individual Member may be grounds for being disqualified from Racing Events or loss of IMCRA Membership altogether.

Consumption of Alcoholic Beverages is prohibited at any IMCRA sanctioned Event. Smoking is allowed in areas as designated by Venue only.

It is the responsibility of each Race Director to report ALL WARNINGS to the IMCRA. Details of the infraction should include: Why the Warning was given, to whom (Name and IMCRA Member Number), Date and Time of the Warning.

## ***Attendance***

There is a no Local Shootout Race Event participation requirement for IMCRA Members. It is suggested that Members participate in Local Shootout Events to develop driving skills and tune their vehicle before participating in Regionals or Nationals Events.

## ***Responsibilities***

Local Race Promotion:

The goal of the IMCRA is to promote all forms of RC Racing and invite the public to participate as spectators. Whenever possible public notice, advertising or holding events in public places such as shopping mall atriums or other high profile businesses is highly recommended.

## ***Turn Marshalling***

Each Driver will Marshall the Race immediately after their own. There will be no alternative marshals unless otherwise specified for a given Event. Failure or refusal to report for Marshall duties will be grounds for disqualification for that single Event.

## Track

The intent of the IMCRA is to promote small scale RC Car Racing as a serious hobby and sport where it is usually considered a fun class or for exposition. In this spirit, the IMCRA will allow the setup of a track by individuals or non-formal groups in a temporary environment (office etc.) for hosting of an IMCRA Local Shootout event as long as the track and surfaces can be built and repeatedly set up to the specifications outlined.

### **Facilities**

The Facility sponsoring the race must have AT MINIMUM the following:

#### **All Levels**

- ✂✂ An adequate space to house/setup the track per IMCRA Seasonal specifications
- ✂✂ Clear area for drivers to stand while racing. For Local Shootout Events this can be ground level on tracks smaller than 40' in a single dimension. Above 40' the track must have minimum 2' raised platform for a drivers stand.
- ✂✂ Adequate Pit area, lighting and power
- ✂✂ Personnel: See **Personnel**
- ✂✂ Restroom Facilities for attendees
- ✂✂ Timing System adhering to the IMCRA minimum specifications listed under **Software & Timing Requirements** for this Level of Event.

#### **Regionals and Nationals**

- ✂✂ Vehicle Parts and Supplies should be made available as possible if a Hobby Shop is on site.
- ✂✂ Personnel: See **Personnel**.
- ✂✂ A Drivers Stand area in the location specified per IMCRA seasonal specifications.
- ✂✂ Viewing area for public observation of the Race Events.
- ✂✂ Timing System adhering to the IMCRA minimum specifications listed under **Software & Timing Requirements** for this Level of Event.

#### **Nationals**

- ✂✂ Vehicle Parts and Supplies must be made available by on site/portable Hobby Shop. The sponsoring online/retail IMCRA vendors may be able to accommodate this in the absence of other options.
- ✂✂ Personnel: See **Personnel**
- ✂✂ A Drivers Stand area in the location specified per IMCRA seasonal specifications.
- ✂✂ Concessions must be available for Drivers and Spectators
- ✂✂ Impound Area that is off limits to Drivers, Pit personnel and Spectators
- ✂✂ Local Hotel and Entertainment information must be made available to Drivers by the track Sponsor.
- ✂✂ Viewing area for public observation of the Race Events.
- ✂✂ Timing System adhering to the IMCRA minimum specifications listed under **Software & Timing Requirements** for this Level of Event.

## **Oval**

### **2004 Base Oval Course**

“Speed Oval” 50' x 20' Minimum 9' lanes

### **Surfaces:**

#### **Shootout**

**Carpet** – Ozite or other similar standard racing carpet OR tightly woven carpet of 1/8” or less nap. As would be found in industrial or office environments. Track borders must be securely affixed to the surface every 6' with duct tape or equivalent. Track Borders must be installed to minimize any protrusions or other elements that could potentially damage a vehicle in a crash or during any contact with the Border.

**Concrete/Asphalt** - Smooth debris and crack free racing area. Track borders must be securely affixed to the surface every 6' with duct tape or equivalent. Track Borders must be installed to minimize any protrusions or other elements that could potentially damage a vehicle in a crash or during any contact with the Border.

**Modular / Foam Rubber** – Several modular track surface systems are available to create permanent and mobile tracks. Use of these surfaces is sanctioned by the IMCRA as long as they are installed per manufacturers specifications and are maintained (re: pocks or torn areas patched or replaced). The race surface must be a smooth debris and crack free racing area. Track borders must be securely affixed to the surface every 6' with duct tape or equivalent. Track Borders must be installed to minimize any protrusions or other elements that could potentially damage a vehicle in a crash or during any contact with the Border.

#### **Regionals/Nationals**

**Carpet** – Ozite or other similar standard racing carpet. Host must be a Public Track or Hobby Shop with facilities as outlined by the IMCRA. Track borders must be securely/permanently affixed to the surface. Track Borders must be installed to minimize any protrusions or other elements that could potentially damage a vehicle in a crash or during any contact with the Border.

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## On Road

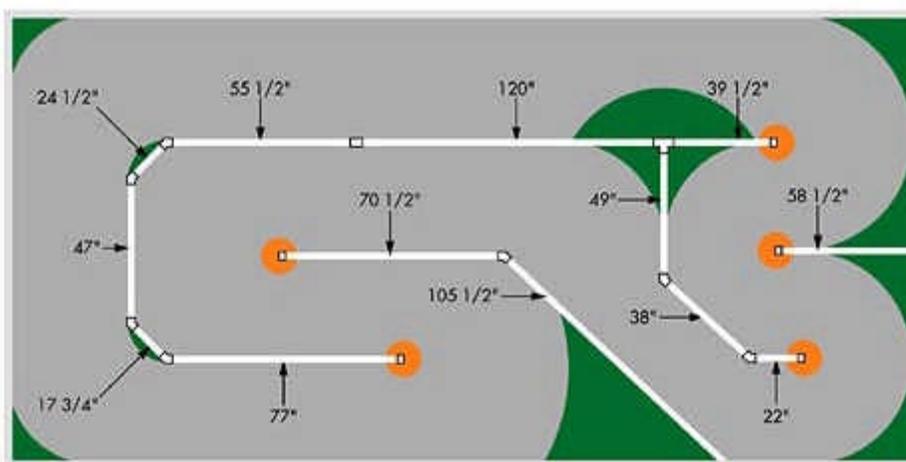
### Base On Road Course

#### Local Shootout Events Minimum Track Requirements: "The HPI"

32' x 16' Diagrams re-printed with permission of HPI Racing, [www.hpiracing.com](http://www.hpiracing.com).

Alternative Tracks must have at MINIMUM: 6 turns, 32' x 16' outer measurement, 3.5' lanes.

The HPI: Detailed Specifications and build instructions may be downloaded from [www.imcra.org/tracks.asp](http://www.imcra.org/tracks.asp).



### Surfaces

#### Shootout

**Carpet** – Ozite or other similar standard racing carpet OR tightly woven carpet of 1/8" or less nap. As would be found in industrial or office environments. Track borders must be securely affixed to the surface every 6' with duct tape or equivalent. Track Borders must be installed to minimize any protrusions or other elements that could potentially damage a vehicle in a crash or during any contact with the Border.

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6' with duct tape or equivalent. Track Borders must be installed to minimize any protrusions or other elements that could potentially damage a vehicle in a crash or during any contact with the Border.

## **Regionals/Nationals**

The host facilities for Regionals and Nationals level Events will be chosen from submissions to IMCRA prior to the start of the coming Race Season . Host Decision will be based on facilities, location, track quality, and overall potential for visibility of the RC Event. See [www.imcra.org](http://www.imcra.org) for instructions and forms for submittal.

**Carpet** – Ozite or other similar standard racing carpet. Host must be a Public Track or Hobby Shop with facilities as outlined by the IMCRA. Track borders must be securely/permanently affixed to the surface. Track Borders must be installed to minimize any protrusions or other elements that could potentially damage a vehicle in a crash or during any contact with the Border.

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### ***Drivers Stand***

All Regionals and Nationals level IMCRA Events require that a physical Drivers Stand is available. This stand must be constructed to adhere to any local regulations pertaining to materials, railings etc. Drivers Stand must be a minimum of 2' in height and be wide and deep enough to accommodate up to ten (10) drivers and their radio equipment.

### ***Audio/Public Address (PA) System***

Event Hosts are encouraged to use Public Address (PA) systems at all IMCRA events for announcements and race commentary. **Sound Systems are only required at Regionals and Nationals level Events** . The sound system should be adequate to reach all Driver/Marshall areas and address spectators if needed.

### ***Race Events Calendar***

See [www.imcra.org](http://www.imcra.org) or email [info@imcra.org](mailto:info@imcra.org) for official Season race dates.

***Practice and Race Times:***

**Local Shootout and Regionals**

Drivers will be given two (2) hours exclusively (IMCRA Event registered drivers and vehicles only) prior to any Race Event to practice. In any event where more than 10 drivers are registered to race at a single location, the Race Director may assign Practice time slots to individual Drivers within the two (2) hour period.

**Nationals:**

Races will be held on a Saturday and two (2) hours of practice time will be allocated per the above specification (minimum). In addition, four (4) hours of exclusive (IMCRA Event registered drivers and vehicles only) practice time will be allocated on the Friday evening before the day of the Nationals Event.

## ***Running Standards***

IFMAR Qualifiers and All Start (ROAR) Mains running style will be used at all IMCRA Events.

## ***Classes***

There are three (3) sanctioned classes for IMCRA Events. To be run on the following Track Types.

### **On Road**

Stock (as defined by Vehicle Specifications in this document)  
Stock Modified 1 (as defined by Vehicle Specifications in this document)  
300 Modified 2 (as defined by Vehicle Specifications in this document)

### **Oval**

Modified 1 (as defined by Vehicle Specifications in this document)  
300 Modified 2 (as defined by Vehicle Specifications in this document)

## **Race Times**

### **Stock and Modified 1 Classes:**

Qualifiers: 8 Minutes Each  
Mains: 12 Minutes Each

### **300 Modified 2 Classes:**

Qualifiers: 5 Minutes Each  
Mains: 8 Minutes Each

Drivers will be given one (1) minute prior to each Race to Warm Up.

Minimum two (2), Maximum three (3) qualifying Heats will be run by every Driver at each Event. One (1) "A" Main Race will be run at each Event. One "B" Main may also be run to establish the final A Main running field .

## **Points and Standings**

Points are assigned by finishing "place" to the top six (6) finishers in a Heat or Main, as follows:

### Heat Finish Points:

1 <sup>st.</sup> :	35
2 <sup>nd.</sup> :	30
3 <sup>rd.</sup> :	25
4 <sup>th.</sup> :	20
5 <sup>th.</sup> :	15
6 <sup>th.</sup> :	10

### Main Finish Points

1 <sup>st.</sup> :	7
2 <sup>nd.</sup> :	6
3 <sup>rd.</sup> :	5
4 <sup>th.</sup> :	4
5 <sup>th.</sup> :	3
6 <sup>th.</sup> :	2

Official Tabulation and Record of Points will be maintained by IMCRA and posted to [www.imcra.org](http://www.imcra.org) for Regionals and Nationals Events

Any IMCRA Member in good standing is eligible for inclusion in Regionals.

Top 6 Points Winners (earned in IMCRA Regionals Events) per Class after each Regional Event in each Region qualify for inclusion in Nationals.

## ***Vehicle Identification***

### **All Event Levels**

The Race Director or Host Facility will provide two (2) number stickers of the assigned vehicle number (1 through 10) to each driver.

Number stickers must:

- Have Black Lettering on White Background
- Numbers must be at least 2.25 in ches tall
- Stickers must be placed on the front windshield of the vehicle and visible at all times during a Race.

## ***Vehicle Inspection and Impound***

Vehicles will be inspected at the Regionals and Nationals Event Levels. Vehicles will only be Impounded at Nationals Events when deemed necessary due to large Driver turnout or other environment/facilities driven need.

### **Inspection**

All Registered Vehicles will be inspected by the Race Director or other assigned individual. The assigned individual cannot be a registered Driver or Pit Crew. The assigned individual must be in attendance as a facility employee or other official Race capacity. Inspection is for Class specification adherence and is to be conducted immediately before the First Heat of any IMCRA Race Event is Run (all registered vehicles) and again after the Final Main Race of the Event (only vehicles driven in the Mains are Inspected at this time).

If any Breach of Class requirement is found in vehicle prior to the start of the Heats, the owning Driver will receive a verbal warning and that vehicle must be within Class adherence and Inspected again by the time their first Heat begins. No additional time will be given for this preparation.

If any Breach of Class requirement is found in vehicle after the running of the Mains, the owning Driver will receive a verbal warning and that vehicle is disqualified from the Event. The next Driver in line takes the "place" of the offending Driver in the event Standings.

Any Driver who has two (2) verbal warnings at any time while a member of the IMCRA will be disqualified from racing in IMCRA Sanctioned Events for the remainder of the current Season and potentially all of the following season. The Member also faces being stripped of their IMCRA Membership.

**It is the responsibility of each Race Director to report ALL WARNINGS to the IMCRA.** Details of the infraction should include: Why the Warning was given, to whom (Name and IMCRA Member Number), Date and Time of the Warning.

### **Impound**

Vehicles will only be Impounded at Nationals Events when deemed necessary due to large Driver turnout or other environment/facility driven need.

## ***Pit Crew***

Each Driver at a Regionals or Nationals Level Event may have one (1) Pit Crew Member.

- The Pit Crew Member must be a current IMCRA Member in Good Standing.
- The Pit Crew Member may be Registered in the Event themselves. All Driver/Pit Crew Teams should notify the Race Director at arrival so that they are not assigned to run in the same Heat.
- The Pit Crew Member may NOT enter the racing surface area at any time during a Race.
- The Pit Crew Member may not remove the vehicle from the race surface. They may request that a Turn Marshall hand the vehicle to them in the case of an accident where the vehicle becomes inoperable or lame only.
- The Pit Crew Member may NOT remove the vehicle from the immediate racing surface sidelines area for ANY reason. The vehicle cannot be taken to the pit area at any time during an active Race.

## ***Number of Drivers***

### **All Event Levels:**

- Minimum of four (3) drivers in a Class to hold an Event.
- For Tracks with lane widths under four (4) feet there will be a maximum of five (5) Drivers per Heat and a maximum of six (6) Drivers per Main Race.
- For Tracks with lane widths over four (4) feet (ex: 1/10 Scale Track) there will be a maximum of ten (10) Drivers per Heat and a maximum of ten (10) Drivers per Main Race.
- **Running Mixed Classes:** Running of Mixed Classes is directly sanctioned under the following circumstances for **On Road:**  
If the TOTAL number of drivers Registered for an Event is above the minimum individual Class requirement (4) but less than required per Class (ex. 5 Drivers Registered for the Event. 2 Stock Class, 3 Stock Modified 1 Class), On Road Stock and Stock Modified 1 Classes may be run in a field together. It is the duty of the Race host to identify in the Race results which Drivers and standings belong to which Class. At no time will a 300 Modified 2 Class be run in a Stock or Stock Modified 1 field.

## **Software & Timing Requirements**

Use of Timing Software is required for ALL Event Levels. Race Reports are to be emailed to [aces@imcra.org](mailto:aces@imcra.org) after each Event.

## **Local Shootout**

Race timing system may use human (keyboard) input for lap counting . IMCRA would like the following Race result information after each IMCRA Local Shootout Event (not necessary to send information for local races running IMCRA rules but not an official IMCRA event):

Minimum Output Requirements in digital (text, spreadsheet) format:

- ☒ Season Year
- ☒ Event Name
- ☒ Class of Race (Stock On Road etc.)
- ☒ Driver IMCRA Member Number
- ☒ Driver Name
- ☒ Driver Overall Race Time, Finishing Place and Lap results
- ☒ Driver Single Best Lap Time.

## **Regionals**

It is preferred that an electronic input timing and compatible software system be used. Human (keyboard) input must be approved by the IMCRA at this event level. In the absence of an electronic timing solution in any Regionals Event where an IMCRA Season Sponsor is a manufacturer of an electronic timing solution, that Manufacturer's solution may be provided by the Manufacturer or the IMCRA for the Event.

## **Nationals**

An electronic input timing system; either Optical or using Transponders is required for this level. For a Transponder based system, on vehicle electronics must be made available on site by the Host Facility for rent or purchase by the Drivers. Taking in consideration that the IMCRA sanctions only Small Scale racing, a non-intrusive (re: no body/chassis cutouts or modifications) solution must be provided for mounting the Transponder electronics on the vehicles themselves. All timing solutions proposed at this level must be approved by the IMCRA. If an Optical system is to be used, the Host facility must have Antenna Masts available for purchase by Drivers.

## ***Personnel requirements***

### **Local Shootout**

Race Coordinator, Time Keeper (May be same Person as Race Coordinator)

### **Regionals**

Race Coordinator, Time Keeper, Race Announcer (Any two (2) of these roles may be held by a single person concurrently)

### **Nationals**

IMCRA Official Judge, Race Coordinator, Time Keeper, Race Announcer, Hobby Store and Facilities Personnel. Optional: Impound/Inspection individual (if necessary),

## **Indemnification:**

Neither the IMCRA its employees or any Host Facility or its employees can be held responsible in any way for personal injury or loss of, or damage to vehicles, personal property, facilities or any other IMCRA Event related location or items. Each Driver, Employee, and Host Location is responsible for their/its own regulation and compliance with local safety codes and internal codes of conduct.