


## Glossary

Following are some definitions of commonly used rally terms:

ACUTE (Left or Right)	<i>Turn</i> of from 100 to 179 degrees
AT	"in the vicinity of" to direct a course of travel; "even with" for speed changes, mileages, pauses, etc..
BEAR (Left or Right)	<i>Turn</i> of from 10 to 80 degrees.
BEFORE	In sight of and prior to referenced landmark.
CAST	Change, continue, or commence average speed to
CONTROL	The timing line of an open control, referenced by a "  " (checkpoint) sign, or a DIYC as identified in a NRI (numbered route instruction).
DIYC	Do-it-yourself <i>control</i> .
FREE ZONE	A specified part of the timed rally route in which there are no open <i>controls</i> .
LEFT	<i>Turn</i> to the left of from 10 to 179 degrees.
NRI ...	Numbered Route Instruction
OIM	Official Interval Mileage. <i>OIM</i> is mileage measured from a point along the route to the point specified by the <i>OIM</i> .
OM	Official Mileage. <i>OM</i> is the distance from the most recent zeroing point to a point along the rally route given to within 0.01 mile.
PAVED	A road having a hard surface such as asphalt, concrete, brick, etc.
QUIET ZONE	Part of the rally route, usually through a residential area, in which competitors should travel at less than 30mph and be alert for non-rally traffic. Maintain low beam headlights.
RIGHT	Turn to the right of from 10 to 179 degrees.
STRAIGHT	To proceed upon the road most directly ahead at an intersection.
TEE or T	An intersection of exactly three roads having the general shape of the letter "T" as approached from the base by the contestant. It is not possible to execute the instruction <i>straight</i> at a <i>tee</i> .
TRAFFIC LIGHT	A fixed signal light alternating green, yellow and red used at an intersection to regulate traffic and which controls the rally vehicle. For rally purposes, only one <i>traffic light</i> may exist at an intersection.
TRANSIT ZONE	Part of the rally route in which there are no timing <i>controls</i> , and no specific speed need be maintained. Either an exact time for passage, or a restart time from the end of the <i>transit zone</i> must be given.
UNPAVED	A road having a non-hard surface such as gravel, dirt, sand, etc.

## Special Information

- **Seat belt use is mandatory** by law in Minnesota, Wisconsin and Michigan.
- **Studded tire use** is prohibited by law in Minnesota, Wisconsin and Michigan.
- **Headlight use is required**, even during daylight portions of rallies.
- **Winter rallies have several hazards** which do not exist at other times of the year.

Hunters, logging trucks, deer, moose, snowmobiles (yes, on the roads), snow and ice on the road, widely-plowed shoulders (ask Al Taylor or Gary Starr), frozen mud, etc. are all very real concerns for the winter rallyist.

- **Roads are not closed** like in a ClubRally so non-rally traffic may be encountered at any time. Don't take chances!

- **Partaking of alcohol or narcotics** (non-prescription) before or during a rally, receiving a moving violation during a rally, and unsportsmanlike conduct may all result in the disqualification of the team at the discretion of the eventmaster.

# ASCC Winter Rally Series 2004



## Regulations

These are the guidelines to govern the **2003-2004 Arrowhead Sports Car Club (ASCC) Winter Rally Series**. They are generally consistent with the SCCA's National Touring Rally Championship regulations. They may be modified or amended by the individual event **General Instructions**.

Changes from the 2003 Regulations are noted as follows. New information is in *italics*. Deleted information is ~~struck~~.

### Entry Requirements

**Entry Form** - Each participant in an ASCC Winter Rally Series event must submit a completed entry form, which will be provided at each event's registration.

**Liability Release** - Each participant must also sign a waiver releasing all designated parties from any liability of any nature in connection with the event. This waiver may be included on the entry form.

**Number of contestants per crew** - Each vehicle shall have two occupants; exceptions are at the discretion of the individual eventmaster.

**Driver's License** - Each driver must be able to display a valid driver's license at registration. Learner's permits are not acceptable. Navigator need not be licensed.

**Proof of Insurance** - Each vehicle registered must be insured, and proof of insurance must be available at registration.

**Two-Way Radios** - Two-way radios or radio-telephones (cellular phones) may not be used by competitors during competition phases of a rally, except in case of emergency.

**Refusal of Entries** - The ASCC reserves the right to refuse any entry.

### Entry Fees (per event)

ASCC and/or SCCA members	<del>\$20.00</del> \$25.00
Non-members (guests)	<del>\$25.00</del> \$30.00

If either team member in a given vehicle is an ASCC or SCCA member, the lower fee applies. Fees may be increased to cover sanctioning, insurance or other special expenses.

### Vehicles

**Vehicle Inspection** - Each vehicle entered in an ASCC Winter Rally Series event may be subjected to an inspection to determine the vehicle's suitability to compete.

**Requirements** - The following items will be checked at inspection:

Headlights - high and low beams	Tires - must have good tread
Taillights and brake lights	Spare tire (full size recommended)
Turn signals	Jack & tire changing tools
Windshield wipers	Warning triangle or safety flares
Seat belts (original equipment OK)	Tow strap

**Advertising** - Commercial advertising is allowed on vehicles, providing it is in good taste and does not interfere with outward vision, subject to eventmaster's discretion.

**Failure to Meet Inspection Requirements** - Vehicles may be barred from competition if they do not meet these minimum requirements, or are generally deemed to be unsafe.

## Official Time

Official time for all rallies will be **WWV** (National Bureau of Standards), with the hour corrected to local time. Because rallies require precise timing, it is important that you adjust your watch to agree with the official time at registration.

## Course measurement

All rallies will be measured to 0.01 (1/100th) mile. Each rally will begin with an odometer calibration (odo check) to allow you to compare your mileage to the official mileage. You will be given a specified amount of time to complete the odometer calibration, or a specified time to leave the end of it.

## Classes

- A (Unlimited)** No limit is placed on the equipment permissible for use. If either team member has 25 SCCA lifetime rally points, the team must compete in this class. Teams using devices which perform **both** measurement and computation (i.e. rally computers) must compete in this class.
- B (Equipped)** Measurement by any device other than stock odo. Any computational device is allowed, provided it does not have a direct interface with the measurement device. *GPS receivers are allowed in this class.*
- C (Unequipped)** Stock odometer(s) in stock location(s) with a non-varying drive. Any 4-function calculator with a single memory is allowed. Curta mechanical calculators, hand-held computers *and GPS* are not allowed in this class.
- D (Novice)** Neither team member has competed in more than five rallies. *Class C equipment must be used.*
- Classes may be combined if there are three or fewer entrants in a class.
  - Event organizers may offer additional classes.

## Points

Winter Rally Series points are awarded as follows, based on class finishing position. Competitors may earn points as drivers or navigators. Winter Rally Series points are independent of any other points-awarding systems.

Position in class	points	Position Overall	points
1	5	1	5
2	4	2	4
3	3	3	3
4	2	4	2
5 & lower	1	5	1

First overall will get a total of 10 points, 5 for overall plus 5 for first in class. This should recognize better overall placings by competitors in all classes.

*Worker Points:* Eventmaster - 5; Checkout - 2; Control - 2

## Controls

**Open Controls** - The timing line at an open control is marked by the familiar "✓" (checkpoint) sign. Drive past the control vehicle, pull over safely and stop, and take your scorecard to a control worker. Your **TIME IN** will be recorded, and you will be given a **TIME OUT** to begin the next leg. You will also be given a critique slip for the just-completed leg. Proceed to the designated out-marker, zero your odometer, and await your **TIME OUT**. Mileage from the in-line to the out-marker is considered "dead" mileage and is not used in computing leg times.

**Do-It-Yourself-Controls (DIYC)** - Calculate your **TIME IN** at a DIYC and write it on your scorecard in the appropriate space. To determine your **TIME OUT** for the next leg, drop the seconds from your **TIME IN** and add 2:00 minutes. Write this time in the **TIME OUT** space for the next leg. Don't forget to zero your odometer if instructed to do so.

## Time Allowance

**Time Allowance Requests** will be accepted, ~~but will be assessed a 5 point penalty per usage without penalty.~~ Time Allowance must be submitted in writing to the control crew before accepting your **TIME IN**. Time Allowance must be requested on the half minute only (0:30, 1:30, 2:30...) up to a maximum of 9:30 (9-and-a-half minutes) per leg.

The purpose of Time Allowance is to allow teams that have gone off course or fallen behind on time to run competitively without trying to make up the time lost on a leg. The requested Time Allowance will be subtracted from your leg time. There is no need to exceed the posted speed limits.

## Scoring and Penalties

Scoring will be to the second. Penalties are as follows:

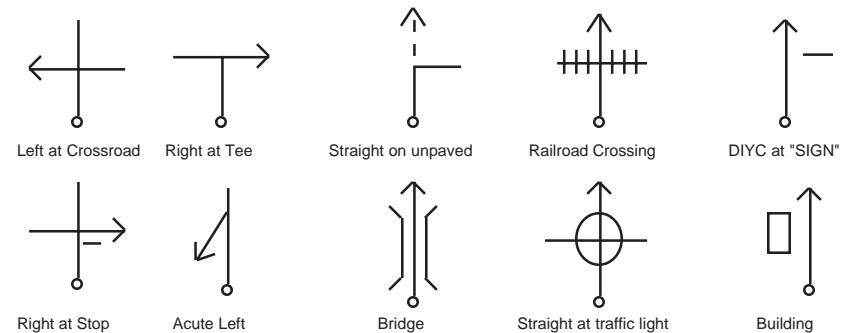
0, 1 or 2 seconds off Official Time	0 points
3 or more seconds off Official Time	1 point/second
Maximum Scoring Penalty at each control	60 points (1:00 minute)
Stopping or Creeping in sight of an Open Control (except where required by traffic regulation or route instruction)	30 points

If control personnel judge a competitor to be **stopped or creeping** (half CAST or less), they will wave the competitor into the control. If the competitor does not immediately accelerate to enter the control, the penalty may then be imposed.

**Ties** will be broken by 1) dropping the 0 points window (less than 3 seconds off O.T.), then 2) the number of legs won. *If the tie remains, equal points will be awarded. Organizers may specify additional tie breakers for trophies.*

## Route Instructions

Course direction will be by *Tulip Diagram*. Examples appear below:



**Cautions** - Those NRI's with possibly hazardous directions are denoted by caution marks as follows:

- ! **Caution** - Speed reduction may be necessary to maintain safety.
- !! **Extreme Caution** - Slow Down. Unsafe unless taken at less than CAST.
- !!! **Danger** - Be prepared to stop. Unsafe unless taken at very low speed.

**Roads** - Only public roads will be used. Roads marked **DEAD END**, **ROAD CLOSED**, **NO THRU TRAFFIC**, etc., are not to be considered unless specified otherwise, but they may be referenced or shown in a tulip diagram. A mileage NRI may require a turn into a parking lot or onto a road marked **DEAD END**, etc.