



**Badger Burrow 2018 Rallye
Milwaukee Region SCCA
May 5, 2018**

GENERAL INSTRUCTIONS

The object of the rally is to follow the prescribed route and arrive at each control (checkpoint) exactly on time. Contestants will be scored 1 point per hundredth of a minute for early or late arrival at each control.

These General Instructions and any addenda govern this event.

Conventions

- ✓ Numbers after CZTs, etc. are indicated in 0.01 of a minute. (for example CZT 1:02.00 means 1 o'clock 2 minutes, no hundredths).
- ✓ Creeping is defined as stopping or traveling at less than 10 MPH within sight of a control unless required to do so by a Route Instruction or by a Stop or Yield sign.
- ✓ Creeping penalties may be assessed at the sole discretion of a control crew. Failure to accelerate into the control immediately upon a signal from the control crew will result in a penalty. The control crew's decision is final. The penalty for creeping will be 25 points.
- ✓ Official Mileages are given to 0.001 mile at timing lines, Car Zero Times [CZTs], and some Speed changes.
- ✓ Any portion of the rally in a Transit Zone should be driven at a Safe and Prudent speed no higher than posted Speed Limits.
- ✓ There will be no more than one TSD Open control between Car Zero Times. The course between an open control and the next "END TRANSIT ZONE" is also a transit zone.
- ✓ Route instructions will use a four column written format. (see below)

Course following

Please keep your headlamps on.

The course can be traversed at rally speeds with normal precautions and observing all normal traffic regulations and rules of the road.

Your ability to stay exactly on time will be the determining factor in winning the rally.

Mileages are given at all Numbered Route Instructions, including each CAST point, TSD timing lines, CZT points, and transit zones. Official Mileage is reset to zero when the mileage is accompanied with the notation /0.000. Start the rally at the time shown in NRI #1 plus your car number in minutes. An odometer calibration run is provided at the beginning of the rally. The purpose of the odometer calibration run is to allow you to compare your odometer with the rallymaster's and make adjustments if necessary.

All mileages and speed changes associated with an intersection are taken/executed at one of the following in this order of precedence:

1. The Stop or Yield on your right that controls your rally car.
2. The backward facing stop sign or yield sign on your left that controls the road on which you depart the intersection. The exact point of measurement is when the front wheels of your car are at the slimmest view of this sign.
3. The apex or center of the intersection.

Route Instructions

The Route Instructions for the Rally are presented in a four column format as shown in the following Example:

NRI	OFFICIAL MILES	CZT/ CAST	INSTRUCTION
1.	1.234 /0.000	CZT 2:35.00 CAST 45	“STOP”. END TRANSIT ZONE ZERO ODOMETER. RIGHT AT T. (43.04883 -88.35444)

The numbers in blue and in parenthesis at each CZT instruction represent the GPS coordinates of that location. These can be entered into most GPS units to direct you to the start of the next timed leg if you are lost. The coordinates in the example are for start parking lot.

In the absence of an NRI at an Intersection, participants should follow the obvious main (principal) road as determined by road centerlines, curve arrows, backed up stop or yield signs, or straight as possible. For the purposes of this Rally, dead ends, cul de sacs, road ends do not exist and should not be followed unless instructed to do so.

Signs

A portion of a route instruction enclosed in quotes refers to a sign (“SIGN”). The quoted text may be part or all of the sign, but additional words will not appear in between quoted text. For example, if the route instruction refers to “NORTH VALLEY”, it could refer to NORTH VALLEY ROAD or OLD NORTH VALLEY. It could not refer to NORTH HIDDEN VALLEY.

A graphic representation of a sign that represents whatever is being referenced (e.g. ). The reference will not be enclosed by quotation marks.

Breaks

Locations for gas, rest rooms, and snack breaks will be indicated in the Route Instructions. If you are behind schedule at a break, we strongly suggest you shorten the break and get back on time here. This allows the crews to move to their next location and keeps the event running smoothly.

Transit Zones

A Transit Zone is a portion of the rally where you do not have to be precisely on time. Drive at or slightly below the speed limits until you reach the next Car Zero Time (CZT), then leave that point at the CZT time specified plus your car number in minutes. There may be CASTS assigned in Transit Zones. These should be considered as advisory to help you maintain a safe and legal pace.

There is a transit zone after every control location that remains in effect until the next CZT.

Timing

Timing for the TSD rally is from the previous Car Zero Time (CZT) to the next timing line.

Timing clocks will be set to the time signal broadcast by WWV, adjusted to the local hour.

Controls

All controls on this rally are open controls. This means that you should pass the checkpoint sign at the assigned CAST and then stop next to the control car to receive checkpoint slip with your timing information. Tell the checkpoint crew your car number, and hand in any TA that you have. The checkpoint slip will show control number, your arrival time, car zero arrival time, and official leg mileage at the control line. You should then proceed to the next CZT point at a reasonable and legal speed. Do not block the timing line. If the area is crowded, please pull forward and wait.

The controls are identified with a checkpoint sign. Rally cars will be automatically timed as their front wheel passes over the timing hose at the timing line.

Creeping is defined as travelling less than 10 mph within sight of the control. If the control crew determines you are creeping, they will wave you in. The rally car must then accelerate to the CAST and enter the control. Failure to do so shall incur the creeping penalty.

Emergency speeds and signs

If an emergency situation occurs, you will be instructed by a worker at a control. There will be a form that the team must initial to show you have received the instructions. There is also a slim possibility that an emergency sign may need to be placed if something changes on the rally day. These signs will be prominent and are written on colored plastic dinner plates. They will be identified by the letters SCCA. Three markings have special meanings as follows:

I - Ignore the road or sign.

NRI <number> - Execute the instruction associated with this number here.

Special Instruction - Just do whatever the sign says.

Scoring and penalties

Each .01 minute early or late	1 point.
Maximum timing penalty	200 points (2 minutes)
Creeping	25 points plus timing penalty
Unsportsmanlike conduct or irresponsible Driving, including traffic citations	Disqualification, or other penalty, at the discretion of the organizers
Time Allowance	No penalty

Scoring will be done from the control logs compiled at each control. You may use your scorecard in at the end point to check your scores. Final scores for the rally will be posted at the end point.

Time Allowances

Unforeseen events can happen on a Rally. Local traffic slows you, or you get lost. Whatever the reason, we want you to drive safely. Therefore, we encourage you to request a time allowance (TA) for any reason. You will find time allowance request forms in your packet. If you find yourself behind time, please fill one out rather than speeding to try and catch up. Fill in your car #, the leg where you are claiming the delay and the amount of time you need. Hand the TA slip to the workers at the next open control

A TA will be on the half minute (0.50, 1.50, 2.50, 3.50 etc.) to the maximum allowed. You can claim a maximum total of 19.5 minutes at any control. This TA will apply only for that control. If you find that you cannot leave at your assigned CZT for the next leg, you must fill out another time allowance request.

Glossary

The following terms are defined for this rally:

CAST	Change, continue, or commence speed to.
CZT	Car Zero time. Your time here is the CZT + your CAR#(in minutes).
NRI	Numbered route Instruction.
Odo	Odometer.
Pause	To delay a specified time at a point or over a specified distance. The pause time is added to your elapsed time. Pauses are specified in hundredths of a minute. For example PAUSE 25 means pause 0.25 minutes (15 seconds).
Stop	An official octagonal stop sign at which the rally vehicle is required to stop.
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 straight at a T.
Traffic Light	A fixed signal light alternating red and green (and frequently including yellow as a transition between green and red) used at an intersection to regulate traffic and which controls the rally vehicle. For rally purposes ONLY ONE TRAFFIC LIGHT MAY EXIST AT AN INTERSECTION.
Transit Zone	A portion of the rally which is free of controls. CASTS may be specified, but they are advisory. You can drive at your own pace. Transit zones will end with a CZT restart.
Triangle	A more or less triangular unpaved area, generally grassy, in an intersection.
Yield	An official triangular yield sign at which the rally vehicle is required to yield.

Miscellaneous

A sweep car may be available behind the last car of the rally to provide assistance. If you get lost or decide to drop out, please contact the Fred Rosevear at (608) 886-8035.