

Timing and Timecards

How to calculate timing throughout an event

- ◆ A primary role of the co-driver is calculating a team's timing during an event and **looking after your timecards**. Timecards may be distributed at registration (first card of the day or the full set for the event); at the entrance to parc expose/ferme before the event start; at the Introduction to Officials meeting (mandatory attendance by all teams) or at the time control you pass through to start the event (MTC Out). Each event is different.
- ◆ CARS regulated events in Canada use the system that utilizes transit times & stage lateness times to calculate 'check in' times.
- ◆ **Official Rally Time** will be displayed at Headquarters and you should ensure your watch (& spare watch) is set as close to this as possible to ensure that your timing during the event is correct—this should also match your vehicle's RallySafe unit if applicable.
- ◆ **Stage Lateness Time** (AKA "Slow Time" or "Long Time") is the time allotted for competitors to complete a stage without penalty.
- ◆ Be aware that events running in other countries/under other Organizing bodies may use a different system & if competing in a non-CARS event you should double check the series rules & event supplementary regulations to ensure you know what timing system is being used.

Basic Calculations:

- ◆ **Leaving MTC Out or Service:** Time out + transit time = check in time at stage ATC (arrival time control)
- ◆ **After a stage:** Stage start time + "slow time" + transit time = check in at next control (stage ATC, service or event finish)

Slow Time Calculations:

- ◆ As long as your truncated stage time (stage finish time minus stage start time) is less than slow time, then use the provided "slow time" numbers for calculations.
- ◆ Truncated time is your stage time in minutes only—drop the seconds.
- ◆ If your truncated time is greater than the allotted "slow time" you must use this in place of slow time in calculations.

Three Examples:

Stage Start Time	10:00	10:00	10:00
Stage Finish Time	10:02:28	10:04:32	10:08:10
Truncated Time	2	4	8
"Slow Time"	(4)	(4)	(4)
Transit Time	26	26	26
Check in Time	10:30	10:30	10:34

- ◆ **Always** double check times given by the marshals & have them log any queries you may have. and will be marked on your timecard & event schedule with the **MTC** initials. You can enter this time control when you arrive, even if early, and ask for the time you have calculated.
- ◆ **Penalties** are given for checking in early (1 min per min) or Late (10s per min) at a time control. ◆ **Regrouping** most often occurs upon leaving service, allowing the pack to be gathered back up. Timecards will note when regroup will happen. Marshals will give you your regroup out time unless otherwise noted. Add your transit time to this in order to calculate your check in time at the next control. Competitors may be held in regroup or released early using their given times for calculations.
- ◆ Official timing information on timecards trumps the information in the event routebook. Eg slow times, transit times etc
- ◆ The only time you can check in **early** to a control **without penalty** is at a **Main Time Control (MTC)**—this may be at the end of a leg or the end of the event

Rally of the Tall Pines 2021 1/5

Driver: *Craig Green* Co Driver: *Paul Nagle* Car Number: *#1*

MTC #1 Out - NATIONAL RALLY START
MTC #R1 Out - Start of Regional Event #1 - The Small Pines Rally 09 : 46

Transit	ATC	Slow Time	ATC	Stage
(11)	A1 ATC Lower Turriff Road 1 (Westbound)	(4)	A1 Finish	Time
09:57	Enter 09:57 Start 10:00:00	10:04	10:02:28	02:28
(20)	A2 ATC Egan 18 South (TC18-21-20-19-26-29-160)	(14)	A2 Finish	Time
10:30	Enter 10:30 Start 10:33:00	10:47	10:43:52	10:52
(45)	A3 ATC Egan 18 North (TC160-29-26-19-20-21-18)	(14)	A3 Finish	Time
11:32	Enter 11:32 Start 11:35:00	11:49	11:46:21	11:21
(17)	A4 ATC Lower Turriff Road 2 (Westbound)	(4)	A4 Finish	Time
12:06	Enter 12:06 Start 12:09:00	12:13	12:11:13	02:13
(11)	TC #1 In - Service #1 In / End of Leg A - Dunganon Rec. Centre	12:24	Copy car number and time to next card.	

Competitors may make notes in GREY boxes.