

The RallySafe in the Winter Trial

The RallySafe units will be used in the Winter Trial for safety and for timing.

Safety

In case of emergencies, the organization will be able to locate you.

During the Regularity Sections, the unit will warn you for potentially unsafe situations, like a slow car in front of you.

After a collision the unit will warn the organization and fellow competitors in the vicinity.

See for more safety information, overtake requests etc. the video on the website:

<http://www.thewintertrial.nl/2017/info/rallysafe>

Timing

Together with the marshals, the RallySafe units will perform the timing of the various controls. On manned controls the unit will be a backup for the manual timing, on the unmanned controls (Logger Starts, Timing Points, Passage Controls, Secret (Speed) Checks etc.) the unit will be the source (with the small GPS Logger as a backup).

The RallySafe will not change anything in the way you did the previous Winter Trials (concerning regulations, procedures, timing and results), but unlike the other devices, the RallySafe has a screen and will show you different information on different moments. Below some explanation.

Regularity/Test Starts

Arriving at the start location (within 50 m) of a Regularity Start the unit will give a warning:



Like before, at a **Manned Start** (or Test Start), follow the instructions of the marshals and drive to the start line when they ask you, and stop at the start line. Start after the countdown of the marshal. At a **Self-Start**, your due time is your actual time at the previous control plus a certain number of minutes, as indicated on the Time Card. During the minute before your due time drive to the red flag board at the landmark indicated in the road book and stop. Wait for the start of your due minute (hh:mm:00) and start the section.

At a **Logger Start** you do the same as at a Self Start, but you can start at any (whole) minute when you are ready (and no other car started in).

The unit will show you the Current Time, top right of the screen. This is the (GPS provided) **Rally Time!** This time will prevail over any other time on any other device!

Always start at or direct after the whole minute, unless the marshal instructs you different, or you have received 30 seconds extra on the control before the Self Start.

The unit also supports a 30 seconds start, so you will receive a wrong start time if you have to start at the whole minute and don't do so. Logger Starts will always be rounded down to the whole minute by the results system.

Once started the screen will look like this:



'ON COURSE' means you have started the Regularity/Test, not necessarily that you are on the right route ;-). Also the time since the start is indicated (here 0h00:41 = 00:00:41), the distance, the distance since the last Reset and your actual speed. (The Average speed will not be shown or will be deliberately unreliable!). The unit is in Stage/Safety mode now and will warn you (and other competitors) for potentially unsafe situations.

Due to this mode and the low speed here (0,0 km/h), "HAZARD?" shows up and could, in case of a real hazard situation, be acknowledged by pressing the button below.

Timing Points

On (unmanned) Timing Points the unit will show you a screen like this for a few seconds:



'Gate 1' means the 1st Timing Point of this Regularity. The moment this screen will appear/disappear is about the moment you will be timed, but not exactly the same! It can be a few seconds earlier or later. It makes no sense to change your speed if you know you are early or late, it will not influence your timing.

On manned Timing Points you will also be timed by the unit, but then there will be no message on the screen. You will see the marshal after they have timed you. Proceed, stop (carefully) at the marshal and they will fill in your Time Card.

Note

There can be extra check points between the Timing Points, so don't worry too much if the Gate number is higher than expected.

Rejoin Point

The unit will stay in the Stage/Safety mode until you reach the Re-join Point (RP). This point is indicated in the Road Book and this is where the Regularity Section meets the known route on the map.

This is after the last Timing Point (indicated with a red sign at the marshal/road side) and after the Regularity Finish as indicated on the Hand Out.

The unit will switch to Transport Mode and will show you the time and distance from the Start to the RP for a while, but they have no meaning for the regularity timing.



In most of the **Tests** we will also use the unit in Stage mode. Your Start Time will be recorded, but the Finish Time will be different from the manned timing, as we use a Stop Astride and not a Flying Finish, like the unit. During the tests, the unit will help us to count the number of your laps.

In **Navigation Sections** and some parts of the Night Loops, the unit will also be in Stage mode and the acquired Route Checks/PC's will be shown like the unmanned Timing Points.

Unmanned Passage Controls and Secret (Speed) Checks will also be recorded by the unit, but they will give no message on the screen.