

# Point Zero – unknown starting point

This information is necessary knowledge when the starting point is unknown.

It is written for those who use RallyPack 2 from Chronopist, but the information is useful no matter what equipment you use - [Ralleypack \(free.fr\)](http://Ralleypack.free.fr)

As in 2021 (when the rally did not take place), ACM did not clearly decide where the departures and arrivals of the regularity zones (SR) are to avoid recognition.

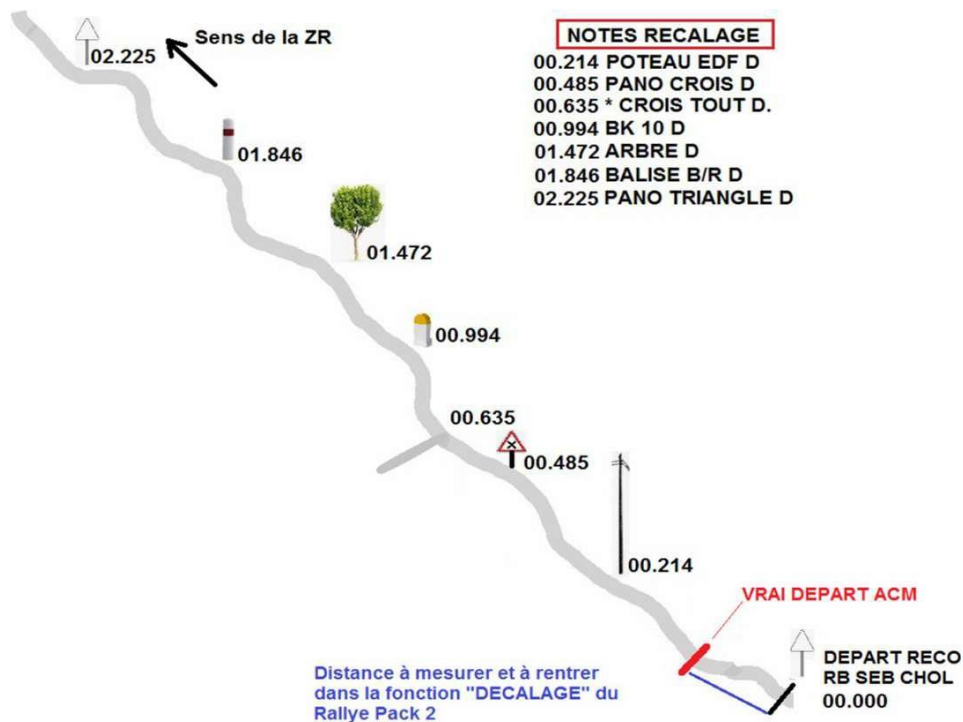
This is useless because all the latest generation of devices are equipped with the "Start different from 0" feature which allows you to start an SR with a non-zero mileage.

It just performs another manipulation on the starting line. Don't panic, it's easy to do that, but you still have to practice a little in advance.

The road book therefore begins earlier than the actual start of the special.

This drawing illustrates the sampling of the reset points from a mileage panel 000,000 (where you will **have to stop and reset the TOTAL counter to 000,000**).

If you do not reset 000,000, you can always use one of the many other points before each SR (rods, bollards, panels). Finally, see document



After resetting the TOTAL counter to 000,000, you're moving forward, **KEEP THE IDEAL LINE**, don't reset, be careful not to reset every time you move (because you're queuing to start) until the one you finally reach ACM's starting line.

The spacing measurement in blue is **IMPORTANT** because that's what you need to program in the device in the "Start difference from 0" feature, and it **must be correct**.

**This distance is up to you to measure!** Of course, this distance will be different for each particular one, because we do not know where the actual departures are. They can be 115 metres and 427m. You'll find out at the last minute.

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## AVERAGE AND DISTANCE OF ZR

Before you arrive at the start of an SR, you must of course have made sure to program averages (**Menu /1**) and distance on SR (Menu/2). I would advise you to insert a distance which is 200 or 300 meters more than the real distance.

Why? Simply because if you just put the SR distance in, your ability to adjust on the TOTAL count will stop too early, you have yet to factor in the distance from Point Zero.

In practice, it doesn't change the case because you're almost on target, so there's limited how much you need to adjust, but go for it! So it doesn't matter that much. But sometimes it disturbs the driver for not having beeps or LEDs anymore when he is not at the end of the stage.

And if you connect on time (without delay), the timer will continue to function a little after the end of the stage, but that is not a problem. You can stop it with **Menu/7** if the beep you are interrupting.

## DEPARTURE FROM ZR

You've moved on in line, and you're just after the competitor in front of you getting ready to go. You only have 2 things left to do:

- programme the time of departure. In addition, you can anticipate the queue and programming of the time with **Menu / 3** and entering all digits. Example: 14: 20:00, this will mean you have less to handle on the start line.

or you wait until the competitor in front of you has started. You run to the start bar and you type **Menu / 0**. Then your start time is the next HOT MINUTE. This won't take long, but don't forget!

- You also need to program this famous **Start different from 0** distance that you just measured. To do this: **Menu / 5 / 8 / 5** (version 5.0) or Menu / **R** on older versions and you enter the distance that will appear on the screen.

It is not necessary to remember it when entering function.

The value in total counter (non-DEL counter) appears in the display, so do not reset total counter (long press for 4 sec).

In the photo we look at the lower screen: 000,191 (TOTAL counter). That's the distance from Point Zero to the ACM start line.

All you have to do is type it on the keyboard (not forgetting the 3"0" before ".") And validate it.



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After you press **VALID/RES**, a "D" flashes in front of average (here 45.00 km/h), indicating that you have enabled Start different from the 0 function and the test starts at 000,191 m.

It takes between 10 and 15 seconds. It's both short and long. If the flight is every minute you have plenty of time. If departure is every 30 seconds, then that's just the time you have. So don't miss it!



I strongly advise you to program the departure time with **Meny/3** when you are after the car that starts in front of you, so you only have the "Start different from 0" you have to enter when you are on the starting line yourself, especially if the departure is every 30 seconds. As on the last night!!! So **Meny/3** is **MANDATORY** if departure is every 30 sec.

## REMOTE CONTROL

For those who have remote control (TelePack) while queuing about 20 - 30 meters from the start, select the current ZR and validate it. But do not validate UNTIL you have reset TOTALIZER KMS to 000,000, otherwise TelePack will search for the next information against the TOTAL counter on Rallye Pack 2. And the remote control risks showing ZR COMPLETED!

If this happens to you, RESTART (4 sec) on the remote and you choose your ZR

## ADJUSTMENTS

Whether you're adjusting on Rallye Pack 2 or with TelePack, I recommend that you validate when the nose of the car is 1 or 2 feet from your brand. Your reaction time may mean that the car's nose has already passed when you press and you will lose 1 or 2 meters. It's not much you'd say... yes but 1 or 2 meters may be enough to put you ahead of another competitor. So better to be 1 or 2 meters behind (then recalibrating before) than in front.

## SETTING TIME

ACM shows your time in full seconds (they write that they measure you at 1/10 second). In the results list we always see: 00 or 10 or 20 or 30... 10 = 10 tenths or 1 second! ACM never shows 12, 13, 14... Which will mean 1.2 sec, 1.3 sec.... Map..

So you have a 1 second window to get past the time control without penalty! Well! Yes, but don't come early! If you need to pass a secret time check at **10:22:35 a.m.** and When you pass **10:22:34.9** (i.e. 1 tenth in front), you get a penalty of 1 second (i.e. 10 points).

While if you pass **10:22:35,1** or **10:22:35.9** it doesn't matter, you get 0 second (i.e. 0 points).

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I therefore advise you to set your internal Rallye Pack 2 watch after the Tripy watch, you set the Rallye Pack 2 watch with 3/10 delay. (See option at the end of this section.)

In theory, we should spend 5/10 seconds, you would say (half a second). Yes, but no! 3/10 at 50 km/h is therefore about 4 m. It gives you the length of the car as a safety margin not to be it in front and above all it allows 7 tenths to catch up because we are generally several late (mainly because of the snow) at this kind of rally.

So a little margin not to be early and bigger for delays.

To get your watch staggered by 3/10 seconds, you set thus (**Menu / 5 / 4**) and when the seconds are well synchronized, you press 6 times (**slowly**) on "-2" this removes  $6 \times 50 \text{ ms} = 300 \text{ ms} = 0.3 \text{ sec}$ .

So you will be 0.3 seconds late and if you do

Be careful not to be early (suffered green, never red), then you avoid penalties getting punishment for coming too early.

This is done at every start of each special test!

## REMOTE CONTROL PROGRAMMING

For those who have this equipment that "only" can contain 16 SR and of course there are 17 SR in this year's Rally!

Therefore, you can only load the first 16 ZRs. So don't do anything before **Monday evening** where you need to load ZR17 instead of ZR01. There's nothing wrong with you being able to do it on Saturday or Sunday nights as well. At least that has to happen by Tuesday morning.

Before the rally you will have your 17 files: ZR01.txt, ... .., ZR17.txt and you want to program up to 16.



Nombre de ZR : 16

After the first day: delete ZR01 in the library of your computer, you rename ZR17 to ZR01.

With the programming software, you load again.

Thus, the ZR02 to ZR16 will remain in the remote control and the ZR17 (renamed ZR01) will "overwrite" the data from the real ZR01 at the start of the rally.



Nombre de ZR : 01

**Of course, you must select ZR01 when running the last SR (17) in the rally !!!**

So on Tuesday you will choose on the remote to perform your specials:

Day: ZR13, ZR14, ZR15, Evening: ZR16, ZR01.

Don't forget to bring your computer and USB connection cable to program remote control.

## What if you forgot to measure the offset distance?

You can use the "ROAD RESTORE" feature by connecting to a point on road book recalibration. Read the manual to understand how it works. (Page 11, in Rally Pack A5 V5.0)

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Point Zero for next SR

## MEMO RMCH 2022 Action plan:

- program AVERAGE (Menu / 1)
- program DISTANCE (Menu / 2)  
(300 m more for safety)

DEPARTURE 000,000 RB RECOS

- stop at the sign and **reset TRIP to 000,000**
- select ZR on remote control
- Go right, don't back!
- program ZR departure time (Menu / 3)

TRUE START ZR  
ACM

- Prog. offset distance (Menu / 5/8/5)  
(type 000. ??? and confirm).
- programs departure time with M/0  
(if not ahead with M/3)
- Check that D flashes and that  
countdown counts have started.

SR Start!

# CHRONOPIST

If you have time, you can note the staggered distance to communicate it in the picture by text message to other CHONOPIST customers

ZR	AVERAGE / DISTANCE	OFFSET DISTANCE
1	__ . __ / 015390	000th _ _ _
2	__ . __ / 01399	000th _ _ _
3	__ . __ / 030.250	000th _ _ _
4	__ . __ / 016580	000th _ _ _
5	__ . __ / 042830	000th _ _ _
6	__ . __ / 030710	000th _ _ _
7	__ . __ / 027.280	000th _ _ _
8	__ . __ / 019960	000th _ _ _
9	__ . __ / 012650	000th _ _ _
10	__ . __ / 028040	000th _ _ _
11	__ . __ / 021.220	000th _ _ _
12	__ . __ / 017480	000th _ _ _
13	__ . __ / 030040	000th _ _ _
14	__ . __ / 03270	000th _ _ _
15	__ . __ / 023520	000th _ _ _
16	__ . __ / 030.960	000th _ _ _
17 - 01 !!!	__ . __ / 022430	000th _ _ _

SOS CHRONOPIST: +33 6 23 76 12 58

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## Setting to 000,000 of TOTAL Counter or RECALL TRIP

36	313,13	0,30			D10
					104,03
37	313,92	0,79			D10
					103,24
38	313,92	0,00		Point Zero SR 15	
					103,24
39	<b>Start is undefined for this SR. Use standard Point Zero Procedure.</b> Measure meters from Point Zero to real starting line. Drive the Route as you run a SR, until you reach the real SR starting line. Use the measured distance as correction to the meters given in the Road Book.				

2	0,000	0,00		SR 15: Km 23,52	
					23,67
3	0,000	0,00		Point Zero SR 15	
					23,67
4	0,104	0,10			
					23,57

Targettime	Km	Km/h	Etape		Road no
Min	23,67		SR 15 Entrevaux		
No.	Distance Total km	Distance Part km	Direction	Information	Distance Rest km
5	0,147	0,04			23,53
6					
7	0,343	0,20			23,33
196					

000,000 points are given as the **last known ACM measurement** before the actual start of SR.

Here at SR15, the “4 Ubraye” sign is in front of you (dot)

Therefore, total counter must be reset to **000,000 (long press 4 sec).**

If you don't see the sign, you might be able to go back, if you don't have someone behind you, or you'll adjust the TOTAL counter's kms at one of the markers after.

Example: you stop (the nose of the car) at the “back side sign” on the right and you type on the keyboard (RECLAGE TRIP) - 000.104 and you **VALID/RAZ.**

**It is IMPORTANT** either to have set at 000,000 at the beginning or at one of the benchmarks **BEFORE** arriving at the start line itself to know this measured **DISTANCE** on **OFFSET**, which you must program with **M/5/8/5** when you are on the start line!!

We have tried to spot the right starting point. If we are right, you can use normal procedure and accumulated total is listed below in separate box.

May the best crew win