



AiM Webinar
"Tips and Tricks in RS2 Analysis Part 2"
8/25/20
Edited Q&A

1 **Q:** I'm having a difficult time finding a program to open the .AMC files that you attach in the zip file for math channels. Any recommendations?

A: Any text editor. Notepad for example.

2 **Q:** Is there a way to always "ignore" the out lap?

A: The RS2 software can be set to 'Automatically Disable all Laps not coming from a lap marker' from the Settings under the Lap Manager tab.

3 **Q:** I can never seem to find how to add the lap time -/- at the bottom of the measures plot, any guidance?

A: You can turn on the 'Test Laps' toolbar from the View pulldown menu or by pressing the Control and Spacebar at the same time.

4 **Q:** In the Math Channel dialog box, would you explain what full scale and zero scale is used for?

A: The zero scale and the full scale define the default scaling of the y-axis when opening the math channel.

5 **Q:** How do you do lap insert on rally stages that have a different start and finish point?

A: Open the laps manager page, right click on a lap, choose 'insert lap'. From there you can add minutes, seconds, and milliseconds.

6 Q: Can you smooth that TPS channel?

A: You can add a math channel to do this if you like. Go to the math channels window, create a new channel, in the formula box add the channel you'd like to filter (in this case TPS), then set the filter (0-5).

7 Q: What are the pros and cons of offsetting data? I have a new TPMS sensor that reads different than the gauge I've used for the last few years. I want to offset the TPMS to read the same as my gauge. Why is this a bad idea?

A: That can be a good process and you have that option. However the new TPMS data may be of better quality so it might be wise to consider that and then use the process that makes the most sense in your case.

8 Q: Can the order of the channels displayed be changed?

A: [Answered live at 39:52]

9 Q: When exporting the track map to Google Earth, sometimes I find the GPS trace is off the track, is there a way to correct this?

A1: No, not really. There are just too many variables. Anything GPS based is going to have a little tolerance for accuracy. It will depend on number of satellites, their position, which ones can be used for positioning, etc. When we export to Google Earth, we're meshing two software programs and both are satellite based, so that tolerance will be a little larger. It's a helpful function but shouldn't be assumed to be 100% positionally accurate.

A2: [Answered live at 1:04:00]

- 10 Q:** In a rallycross car, what recording trigger do you recommend to start recording when I want to see what kind of RPM I have on the start line?

A1: Just set the trigger to start recording at 500 RPM. That way anytime the engine is on, even at idle, it's recording.

A2: [Answered live at 1:05:04]

- 11 Q:** What happens if a single lap is selected in the GPS insert?

A: It will only change the start/finish line for that particular lap.

- 12 Q:** I can create a custom track in RS3 and add up to 5 splits, then I can use that track in my MXS and SmartyCam. I can see those segments on my SmartyCam video. Do the segments serve any other purpose? Do they show up in the data? Do they get used for +/- segment times on the dash?

A: Those segments allow you to get live split timing and they do show in the Split Report and Channels Reports when those reports are configured to show split data.



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comparing laps from 2 different tests?

Q: Will GPS lap insert work when

A: Yes, you'll be splitting both sessions.