



AiM Webinar
"Self Coaching/Instruction with AiM Sports Data"
5/21/20
Edited Q&A

1 **Q:**Will the new RS3 Analysis work with other (i.e. RS2) data?

A1:The current generation hardware will take advantage of the video and data integration features but older data can be imported into the software for use on RS3.

A2:We will be able to import .drk files or RS2 data into RS3 analysis. There will be some limitations, like not being able to sync data and video.

2 **Q:**Why do you eliminate corners from coasting?

A:[Answered live]

3 **Q:**How can you create the "Heat Map"?

A:When you select the GPS map there is a color wheel that you can click on to change the heat map data channel. Also, make sure you do not have per lap color checked in your Measures graph.

4 **Q:**How can I reset the reference in the delta function without disabling it and enable it again?

A:This tool does have to be disabled to reset the first position.

5 **Q:**Peter- what do you look for in the speed trace in long 180 degree sweepers? How do you want to see the speed trace eliminate the flat areas there?

A:[Answered live]

6 **Q:**Peter- can you talk about the brake speed channel?

A:[Answered live]

7 **Q:**Is there a listing of syntax for math channels in a pdf somewhere?

A:Here is a document that defines the functions and uses of math channel syntax for you:

http://www.aimsports.com/webinars/Documents/Math_channels_2003_RSA_manual.pdf"

8 **Q:**Is there a document on how to import math channels without overwriting existing ones?

A:There is no document because it is not a feature. I would load the math channels into a specific test then move (one or all) into the general tab if you wish to reuse them.

9 **Q:**I always have problems changing the heat map scaling. I think some of the options don't work. Is there something important you have to take into account to scale them correctly?

A:You need to make sure you have per lap color disabled. This is generally where the hang up is. I also recommend using the arrows to the right of the colors to set the scaling.

10 **Q:**Do I need to build math channels if I already have Brake Pressure & TPS sensors?

A1:That depends entirely on the information you're trying to get out of your data. Math channels are almost always helpful though!

A2:You absolutely can. Changing things to just on/off, using brake speed, etc. can be very helpful. GSum is huge with or without throttle or brake input.

11 **Q:**Peter - when comparing 2 drivers, how do you interpret a 'wavy' TimeDiff channel? I.e. if time is gained on entry but then lost by exit, how would you approach it?

A:[Answered live]

12 **Q:**How do you select which channel is displayed on the GPS plot?

A:If you click on the colors it will bring up a window that will allow you to choose the channel.

13 **Q:**What is the sampling frequency of the G measure? Is .01G as accurate as it can get?

A:We can go two decimal places and up to 50hz on the new loggers.

14 **Q:**A math channel used in another math channel should be listed ahead of the second MC. Is there a way to fix that?

A:No the Math channels get processed in order so if a Math channel is used in another math channel, it must have a higher priority in the list of Math channels. If your math channels are not in the correct order, you must insert a new channel where needed and then delete the old channel that was in the wrong location in the list.

15 **Q:**Peter- Do you ever work with rally drivers on the ground? How do they work with braking? Is good braking the same as on track?

A:[Answered live]