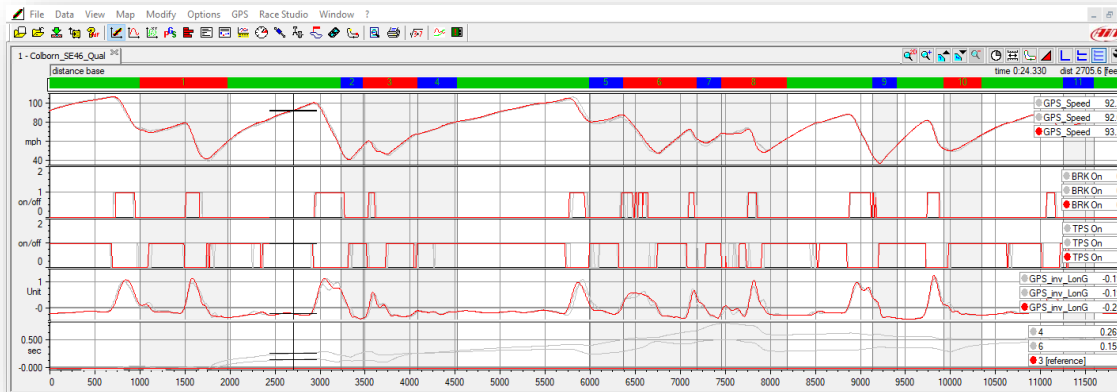




Co-Host:
James Colborn
www.JamesColborn.com

Webinar Series

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End of Day Data Analysis
In Race Studio 2 Analysis Software

July 23rd, 2020

www.aimsports.com



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1.800.718.9090

James Colborn
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Co-Host: James Colborn

- Avid Racer, Motorsports and SIM Racing Enthusiast
- Producer of AiM Sports “How To” Videos on YouTube (Since 2012)
- Lover of Data Analysis for Driver Development and Coaching



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Questions to Have in Mind for EOD Analysis

1. Do you have a beer to hand (or cup of coffee)?
2. What happened today (or yesterday)?
3. Did you take notes and what do they say?
4. Have you raced here before? If so, what do your notes say?
5. What would you like to achieve tomorrow (or next time)?
6. How will the data help you address your plan?
7. Are you awake enough to do this analysis right now?

The Importance of Taking Notes

Portland Major (with Chicane) - OneNote

File Home Insert Draw History Review View Help

Insert Space Table File Printout Attachment Spreadsheet Screen Clipping Pictures Online Pictures Online Video Link Record Audio Record Video Date Time Date & Time Page Templates Equation Symbol

Personal 2017 Races 5 25 Hours Thunderhill 24Hr Series - Spa 12 Hour LuckyDog PIR SCCA Major - Portland PIR IRDC - 6 Hours of The Ridge SCCA Major - Thunderhill

Search (Ctrl+E)

Hoosier A 2 1 1 1 After PIR 1 set of scrubbed As with 1 qualifying
Hoosier Wet 1 0 0 0 ---

EXPECTED (AND ACTUAL) TIRE USAGE AT PORTLAND INTERNATIONAL RACEWAY

SESSION	TIRE EXPECTED TO BE USED (TARGET)	ACTUAL
FRI PRACTICE	TBD (might not go out)	Added 1 cycle to Rs
FRI QUALI	Used A	Used As
SAT QUALI	Used A - might use scrubbed A	New As
SAT RACE	Used R	Used As
SUN WARM UP	TBD (might not go out)	Didn't go out
SUN RACE	Used R	Used As (last run)

FRIEND'S SHOCKS

- 6 Front
- 7 Rear

JAMES' SHOCKS AFTER PIR MAJORS WEEKEND

- 4 Front
- 7 Rear

NOTES FROM THE RACE WEEKEND

- On Hoosiers, it seems that PIR is low wear if you get the car balance right
- Full stiff front, rear, 4 front, 7 rear and two turns down in ride height (Hank to confirm height)
- Had issues with scales all weekend with a 10lb variance on three cycles, DQ from quali on Friday underweight
- Saturday race seemed to be lifting a wheel and losing in fast right handers (e.g. 4a) finished 3rd
- Talked to friend and deduced that ride height would minimize roll
- Used, until corded, As all weekend and the lap times were super consistent all weekend
- Wipers aren't staying down over 100mph at times (worth having a look at, can be distracting)
- Won race on Sunday with qualifying speed lap times for 35mins on used tires (won 2 new tires)
- If you want Hoosiers to last, don't use the gas to rotate the car

Portland Major (with Chicane)

Schedule
Supplemental Regulations
Sunday results!
My lap times.

The Three Focus Areas for EOD Analysis

Driver Performance

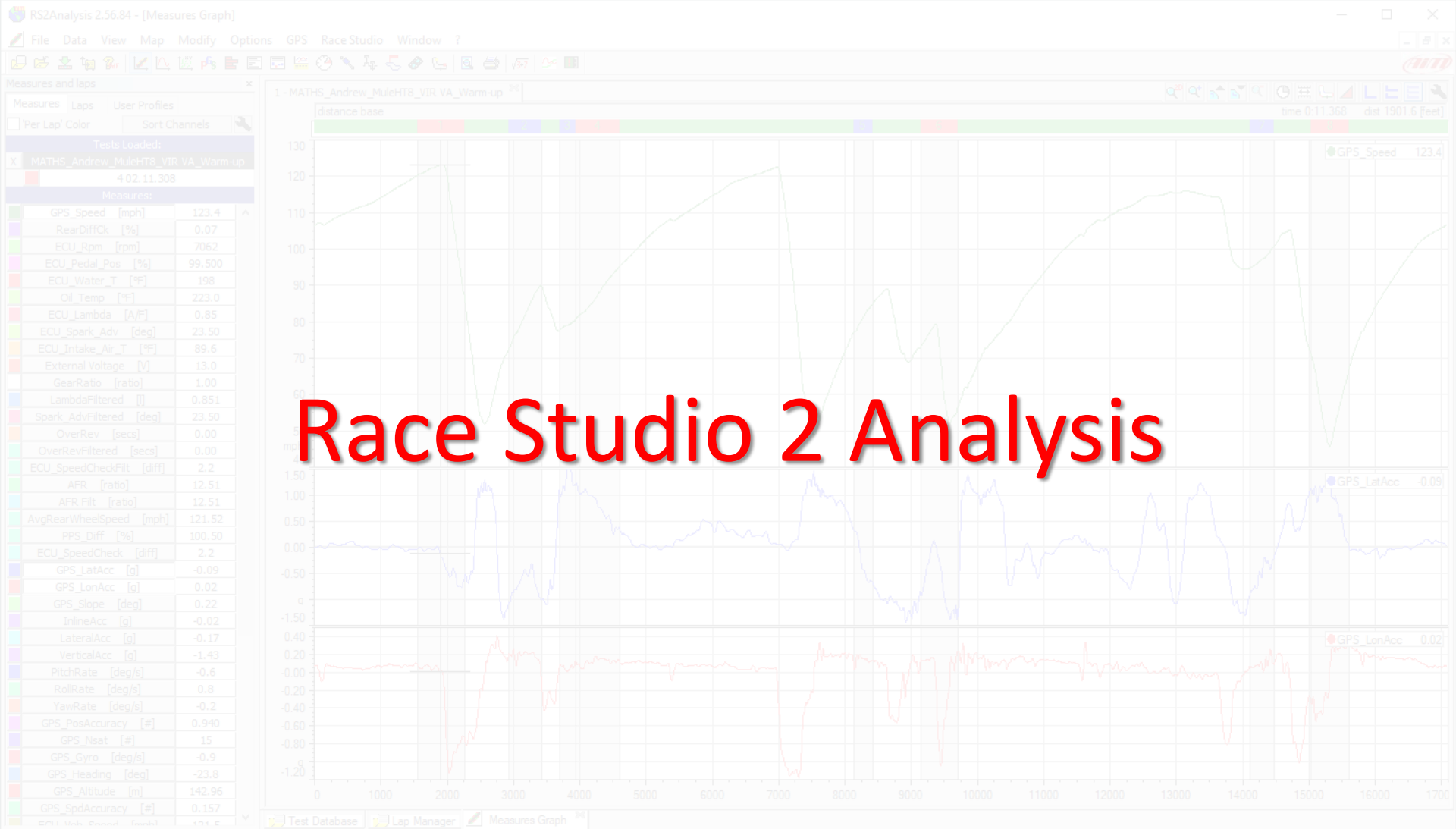
- Areas for **Development in your Driving** (could be anything, braking, cornering, gear change)
- **Consistency**, consistency, consistency
- Areas of focus needed to **Fix for Next Day, Next Time**

Vehicle Health

- Looking for **Vehicle Health Variables** that didn't show up during the day;
- **RPM** analysis
- **Temperatures** analysis
- **Pressures** analysis

Configuration Changes

- **Adjusting Configuration** of AiM devices for next day
- Adjustments for **Driver Consistency**
- Adjustments for **Vehicle Health**



Race Studio 2 Analysis

LearnFast™ E-Training Video

Currently 100 Videos and Growing

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- Configuring WiFi Communication
- Customizing AiM Device Logos
- Race Studio 3 Basic Configuration - Part 1
- Race Studio 3 Basic Configuration - Part 2
- **I Have Downloaded my Data, Now What - Part 1*
- **I Have Downloaded my Data, Now What - Part 2*
- GPS Lap Insert
- Data Views
- Measure Units
- Sort Channels
- Test Properties
- Per Lap Color
- Export Tests
- Channel Reports
- Setting Time
- Track Mapping
- Selection Criteria
- Sensor Calibration
- Conditional Alarms
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Next Webinar

Tuesday July 28th, 2020

10:00am Pac / 1:00pm East



Co-Host

Emiliano Bina

AiM Sportline - Software

Race Studio 3 Analysis

More Info on Public Beta Release



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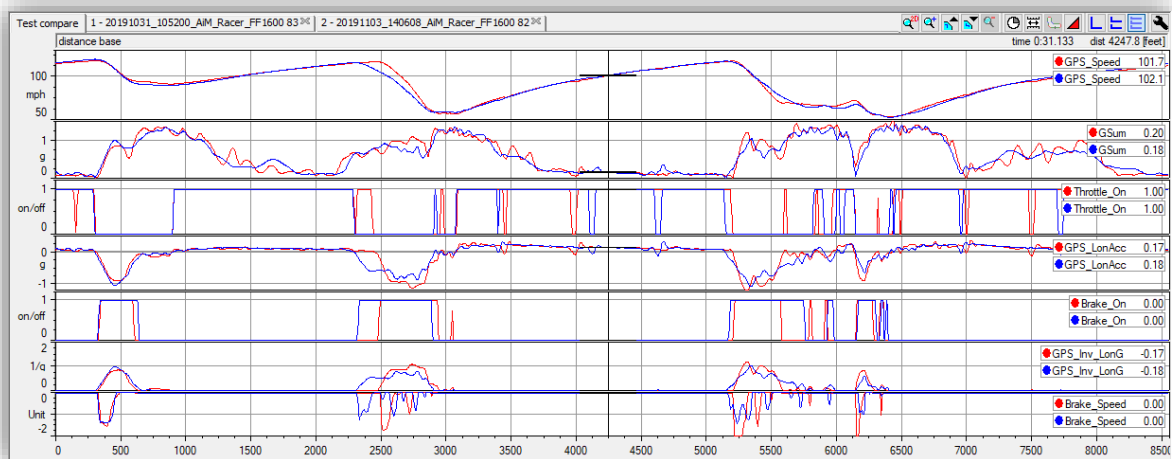


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Next Webinar Topic

RS3A More Info on Public Beta Release





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