

Emerson's AVENTICS™ Pneumobile Gala Event CEE 2022

Zsolt Piukovics
Head of Jury



Agenda

Before we begin

Liability declaration? GDPR? T-shirts? Start number on vehicle? Check-in to the hotel?

The organisers provide accommodation and catering as follows for 4 team members and one teacher:

- Accommodation for Sept 28. night at Gokart Hotel & Restaurant (6000 Kecskemét, Szent László krt. 64.)
- Dinner for Sept 28., breakfast and lunch for Sept 29.

Additional nights and meals can be added but only for an extra charge as follows:

- Tourism tax 400 HUF / person / night
- Accommodation - Single room with breakfast 18.900 HUF / person / night
- Accommodation – Two, three, four beds room with breakfast 10.450 HUF / person / night
- Lunch buffet for participants 6.000 HUF / person
- Dinner buffet for participants 6.000 HUF / person

The additional nights and catering needs fees should be paid at the registration!

Agenda – 28th of September, Wednesday

13:00-16:00 Registration

13:00-17:00 Vehicle Check

17:00-18:00 Opening briefing – rules, flags, event details

18:00-18:15 Track visit for drivers

18:15-19:30 Qualification round 1 – pressure loss measurement

19.30 Track closure

19.30–21.00 Dinner at the Hotel Restaurant

Agenda – 29th of September, Thursday

- 06.00–07.30 Breakfast at Hotel Restaurant
- 07:30-08:45 Qualification 2
- 09:00-10:15 Long distance race
- 10:15-10:30 Official opening ceremony
- 10:30-12:30 Arcade race
- 12.00–14.00 Lunch at Hotel Restaurant
- 13:00-13:30 Drag Race
- 14:00-14:30 Teacher's race
- 14:50-15:30 Closing and award ceremony
- 15:30-17:00 Packing up the Pneumobiles, emptying Parc ferme

Event information



General information

Safety first!

Zero tolerance – no driving under the influence

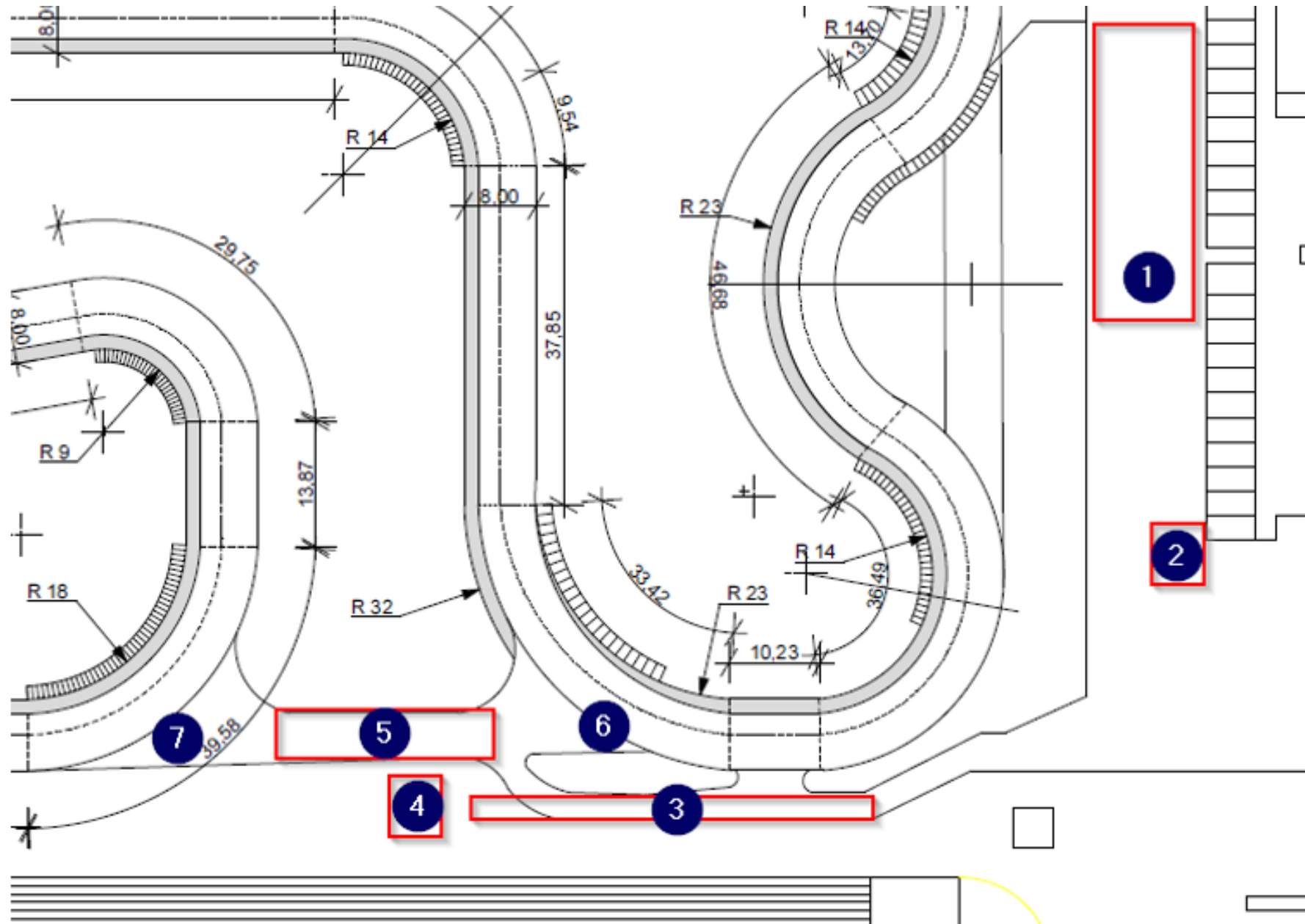
No welding in Parc Ferme

Rain – beware of our notifications

On the track

- a) Only the driver is allowed to sit in the vehicle in the starting area and on the racetrack.
- b) “Acrobatic stunts” (dangerous movements) performed in the pit lane and the starting zone as well as exceeding the speed limit of 5 km/h will result in a disqualification.
- c) If the vehicle is running out of air, or slowing down by any reason, **the driver must steer it from the track to the outside grass area.**

Map of the track



- 1) Depo/Parc ferme
- 2) Service tent/Tank station
- 3) Line-up
- 4) Checkpoint
- 5) Pit zone
- 6) Track entry
- 7) Track exit

Flag signs

- a) Waved **red** flag: interruption of the race or training. The vehicles have to return to the pit lane with reduced speed.
- b) Waved **yellow** flag: danger in front of the vehicle. The vehicles have to slow down and be prepared to stop. During the flag signal overtaking is prohibited. The yellow flag valid until the next judge member waving a green flag.
- c) Waved **blue** flag: there is a faster vehicle behind you, which shall be safely let go at the closest suitable track section.

If anything happens

IN CASE OF AN ACCIDENT:

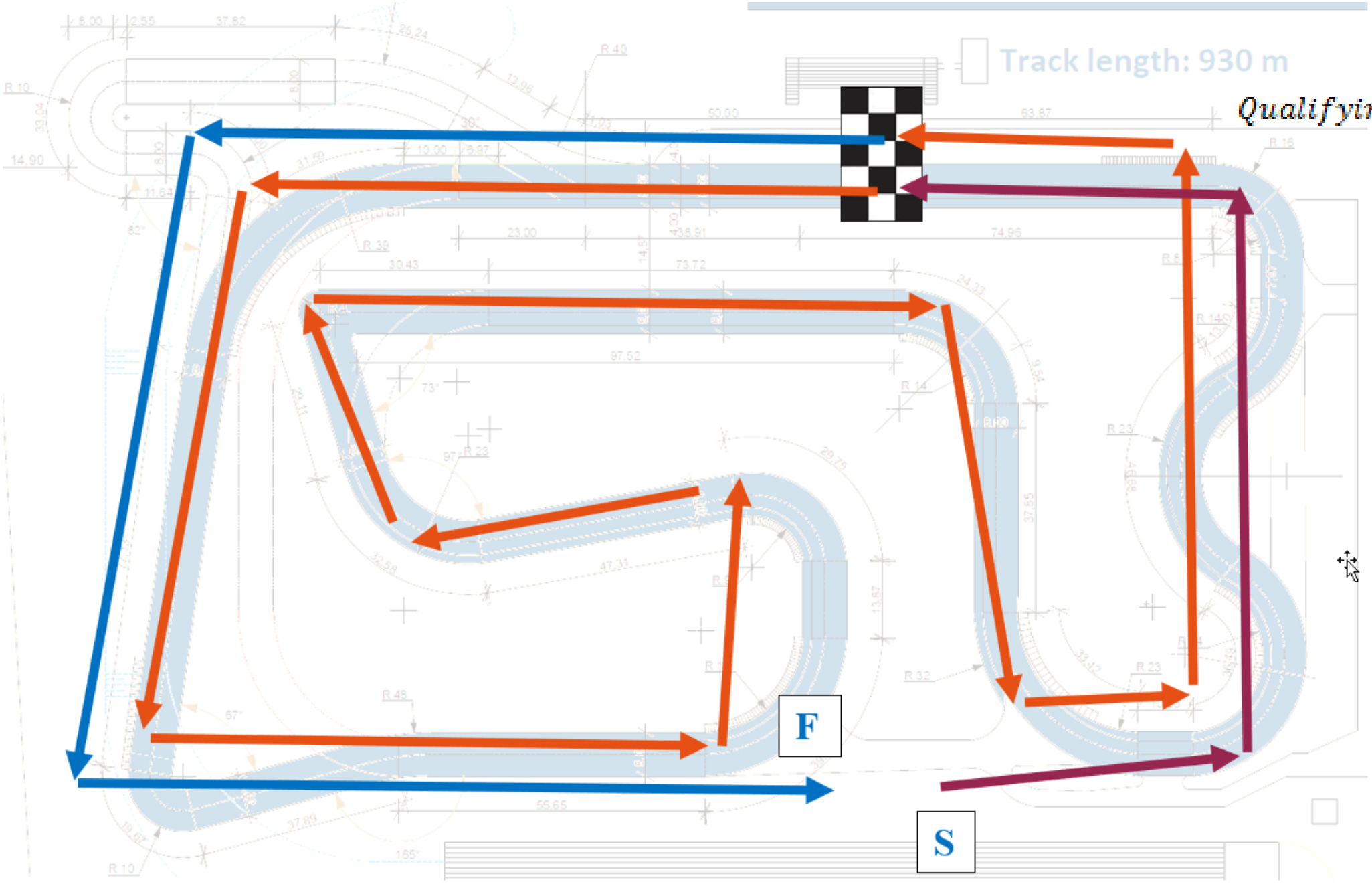
- a) If there is no personal injury and the driver can continue the race by putting the vehicle back to the track without or with the help of stewards, the race can be continued (the used time is included in the race time).
- b) If there is a personal injury the race shall be stopped, and the place must be secured until the further decision of jury.

IN CASE OF TECHNICAL PROBLEMS:

- a) If the vehicle has already started the race, but it is not able to finish it without external support due to a technical problem, the team has no further chances in that race category (no new start is allowed), even if the problem occurs due to a failure of element provided by the organizers on the day of competition (e.g., pressure reducer, tank)
- b) If the vehicle is running out of air, or slowing down by any reason, **the driver must steer it from the track to the outside grass area.** The vehicle must stay there until the end of the event. When the event is over team members can push the vehicle out. The driver could either stay in the vehicle, or if the traffic allows it, can head back to the parc ferme. In this case they can only walk on grass with attention to the other drivers.

Race events

Qualification 1 – Pressure drop measurement - Wednesday 18:15-19:30



Track length: 930 m

$$\text{Qualifying degree} = \frac{\text{Pressure drop (bar)}}{\text{Average speed } \left(\frac{\text{km}}{\text{h}}\right)}$$

Avg. Speed > 15,00 km/h

Track length: 1 450 m

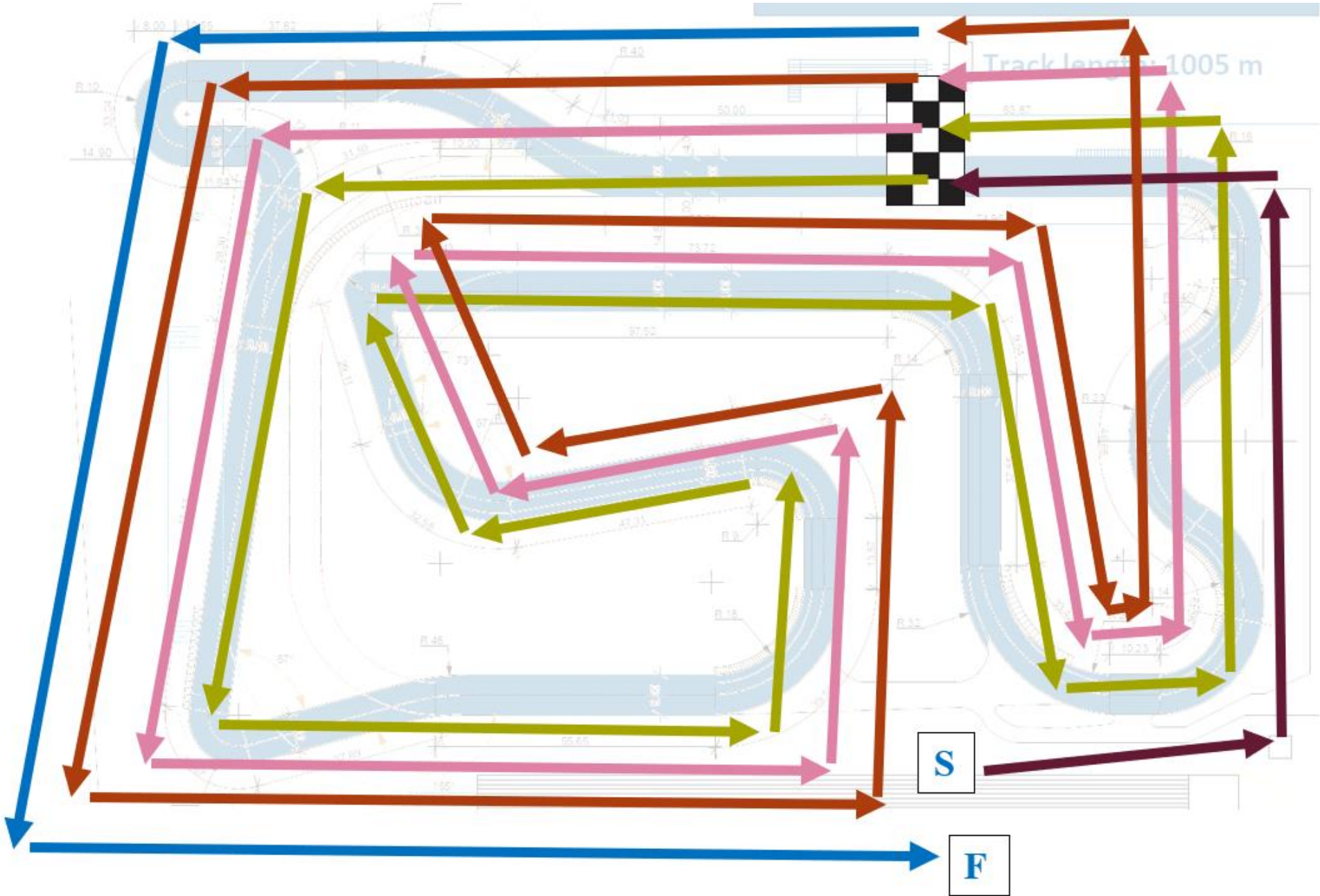
Qualification 2 – Thursday 07:30-08:45



Be the fastest!

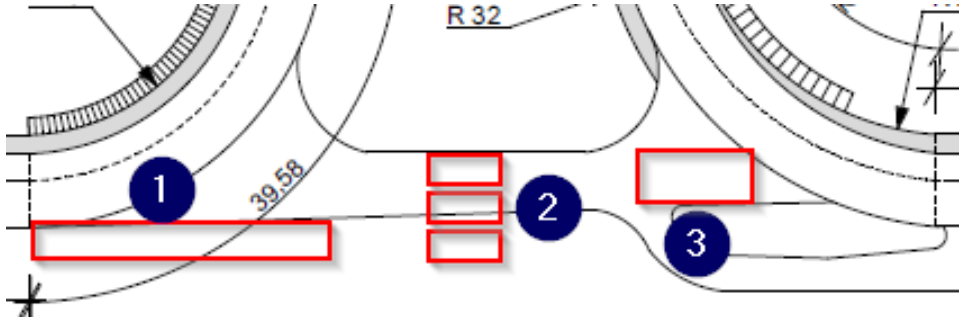
Track length: 2 650 m

Arcade race – Thursday 10:30-12:30

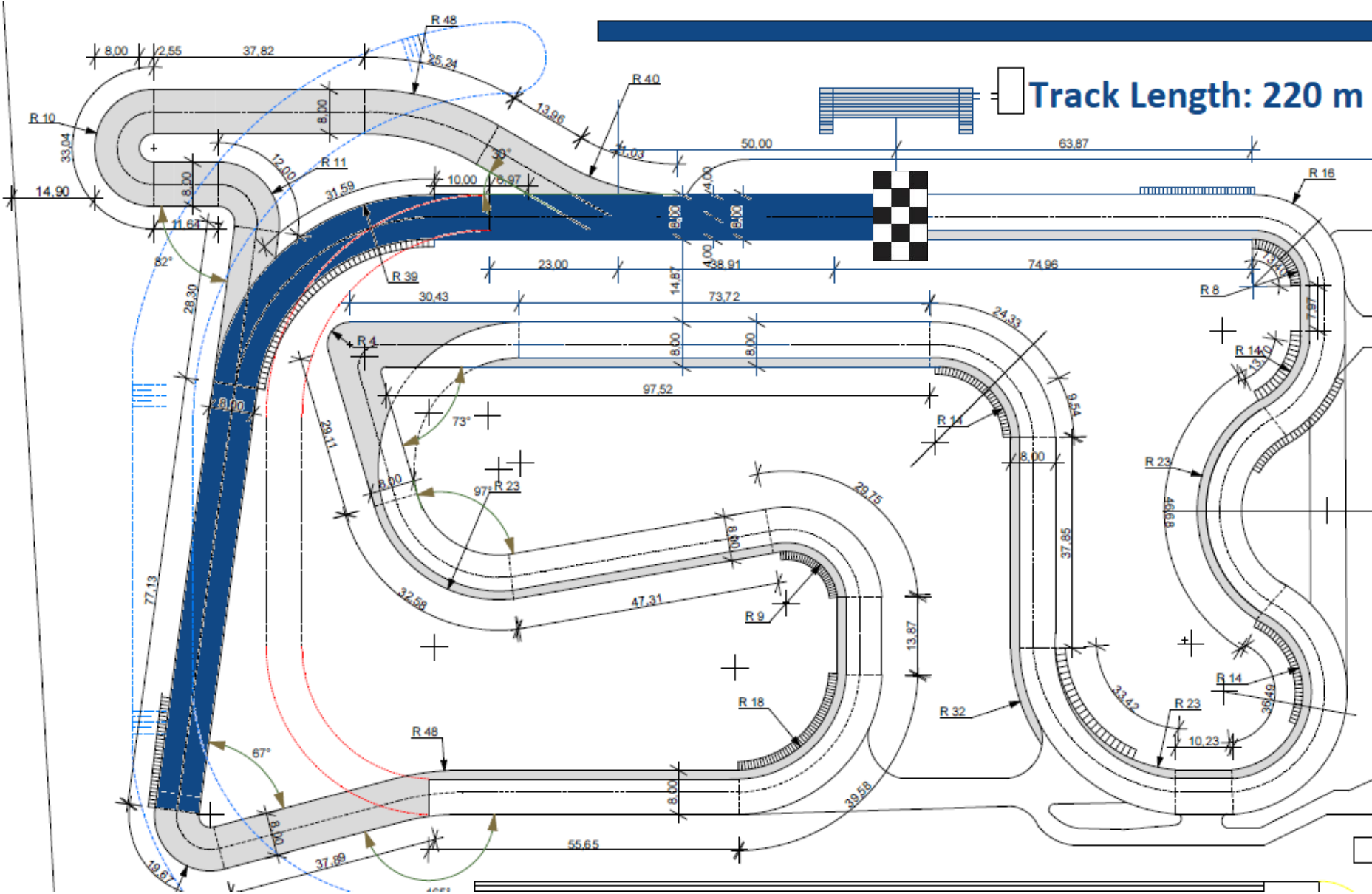


Shortest time wins (3 lap total)!
Tank change x2 (min x1)

Warm up: 200 m
Lap length: 1005 m
Lap w/ tank change: 675 m



Drag race – Thursday 13:00-13:30



Start when red light goes out!

Lap length: 220m

Questions?
