

M2 CS
racing cup benelux



Drivers' Briefing

BMW M2 CS Racing Cup Benelux
vrijdag 27 oktober 2023

Welcome



Race Director:	Max Braams
Clerk of the Course:	Kees Koning
Assistant to the Race Director:	Annemieke Veldkamp
Chairman of the Stewards:	Gerard du Pré
International Steward:	Eric Noort / Martijn Bins / Stefano Goossens (as Trainee)
Chief Scrutineer:	Piet du Burck / Harm van der Laan
Chief Timekeeping:	Marcel Lambrechts
Chief Racecontrol:	Jeroen Steenhuis
Chief Pitlane:	Hendrikus Been
Chief Flag/Rescue Marshals:	Arjan de Jong
Chief Medical Officer:	Patrick Rijkers
Race Secretary:	Ria Waterreus
Cup Coordinator:	Ivo van Ginneken
Promotor:	Renata Aartsen / Dick van Elk



Friday 27 October 2023

10:05 – 11:05

13:05 – 14:05

16:10 – 16:25

* Be Aware Parc Ferme Conditions, Except Tyre Changes in between D1 and D2

16:30 – 16:45

Free Practice 1

Free Practice 2

Qualifying D1

Qualifying D2

Saturday 28 October 2023

11:30 – 12:00

15:55 – 16:25

Race 1 (Rolling start – 30 Minutes)

Race 2 (Rolling start – 30 Minutes)

Sunday 29 October 2023

10:45 – 11:45

Race 3 (Rolling start – 60 Minutes)

*For latest timetable, see official notice board/Sportity





Sportity

For direct event information please download the Sportity app and insert this password:

VRM2023

BMW2023



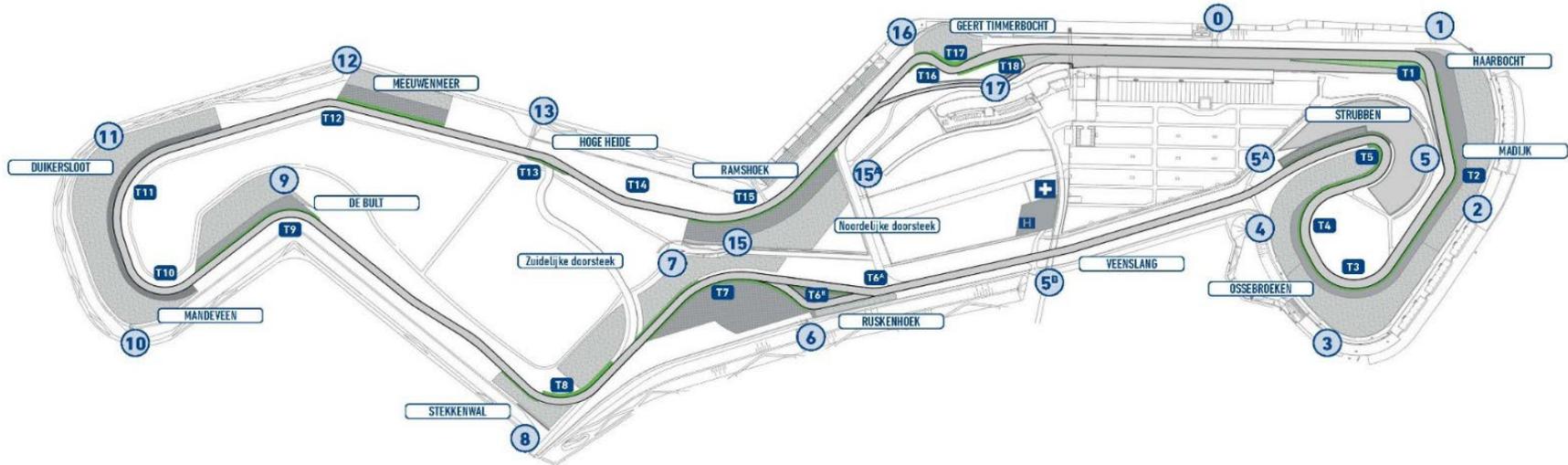
Available on the
App Store



Get it on
Google play



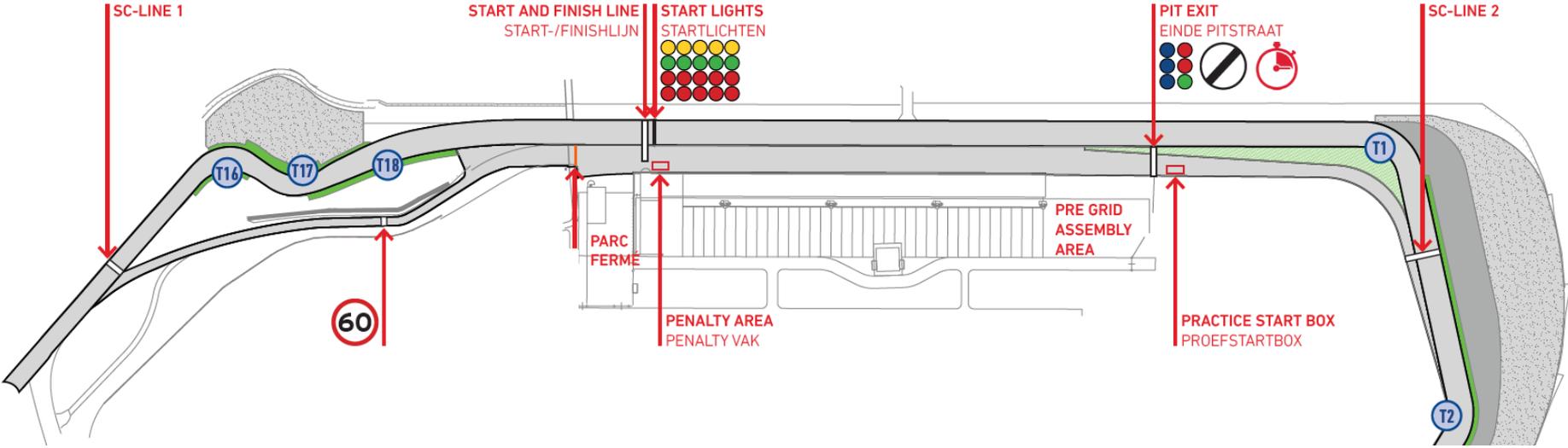
The Circuit



TT - Assen

- Length: 4.555 meter
- Direction: Clockwise
- Pole Position: Right
- FCY Laptime: 03:24,000
- Practice start: Pit-Exit
- Start: Rolling Start
- Parc Ferme: Entry Pitlane, Right hand Side
- Stop-and-Go: Pit Lane Entry
- Pitlane Speed: Maximum 60 km/h

Pitlane and Points of Interest



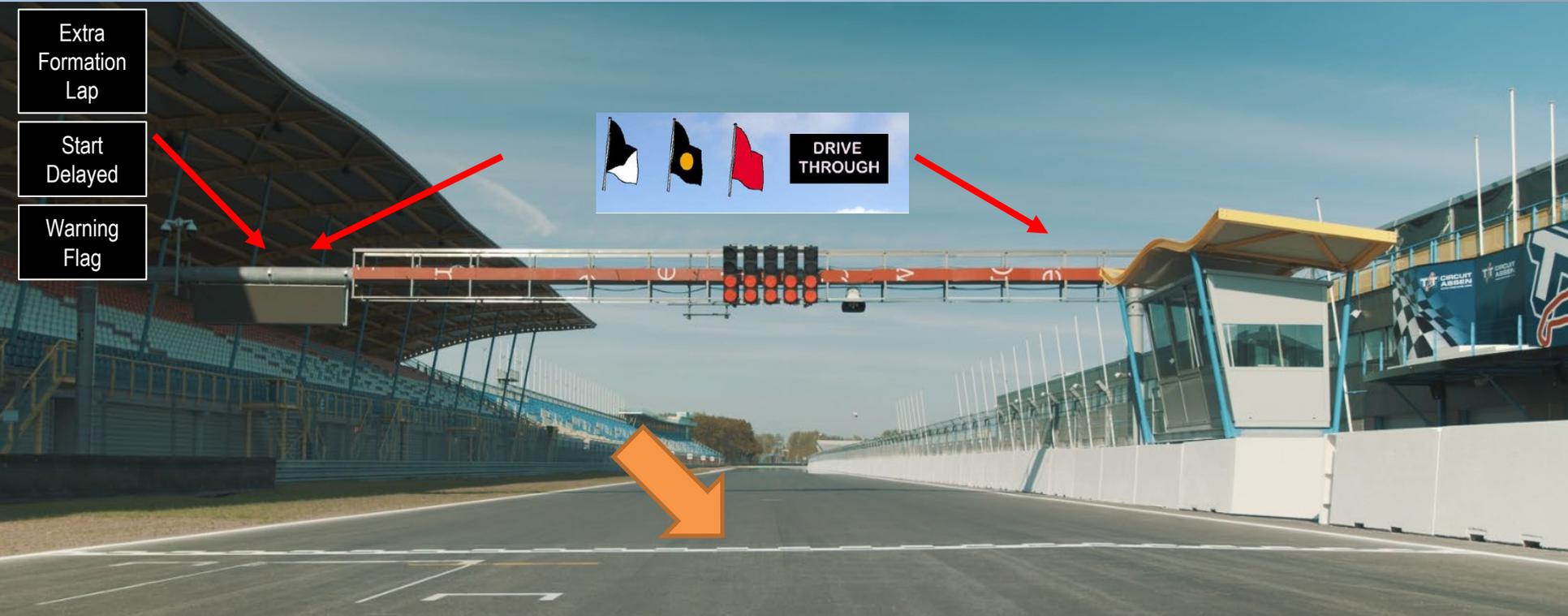
Finish Control Line | Signalling Area

Extra
Formation
Lap

Start
Delayed

Warning
Flag

DRIVE
THROUGH



Pit Entry | Safety Car Line 1



SC Line 1

Entry Pitlane

T15



Pit Speed 60 km/h

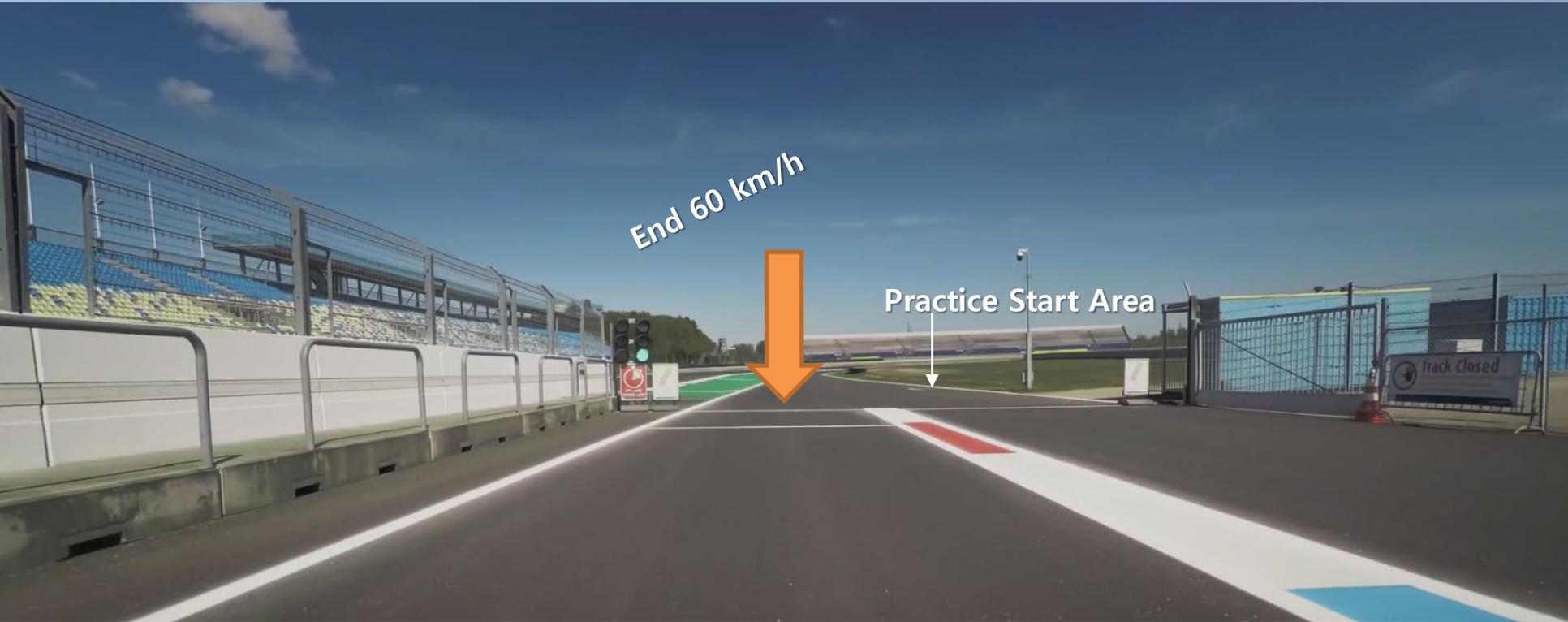


Warning: Circuit of assen has got multiple Calibrated speed traps

Start Timing Loop



End Pit Speed 60 km/h & Timing Loop



Penalty Box



- Technical Flag (Meatball)



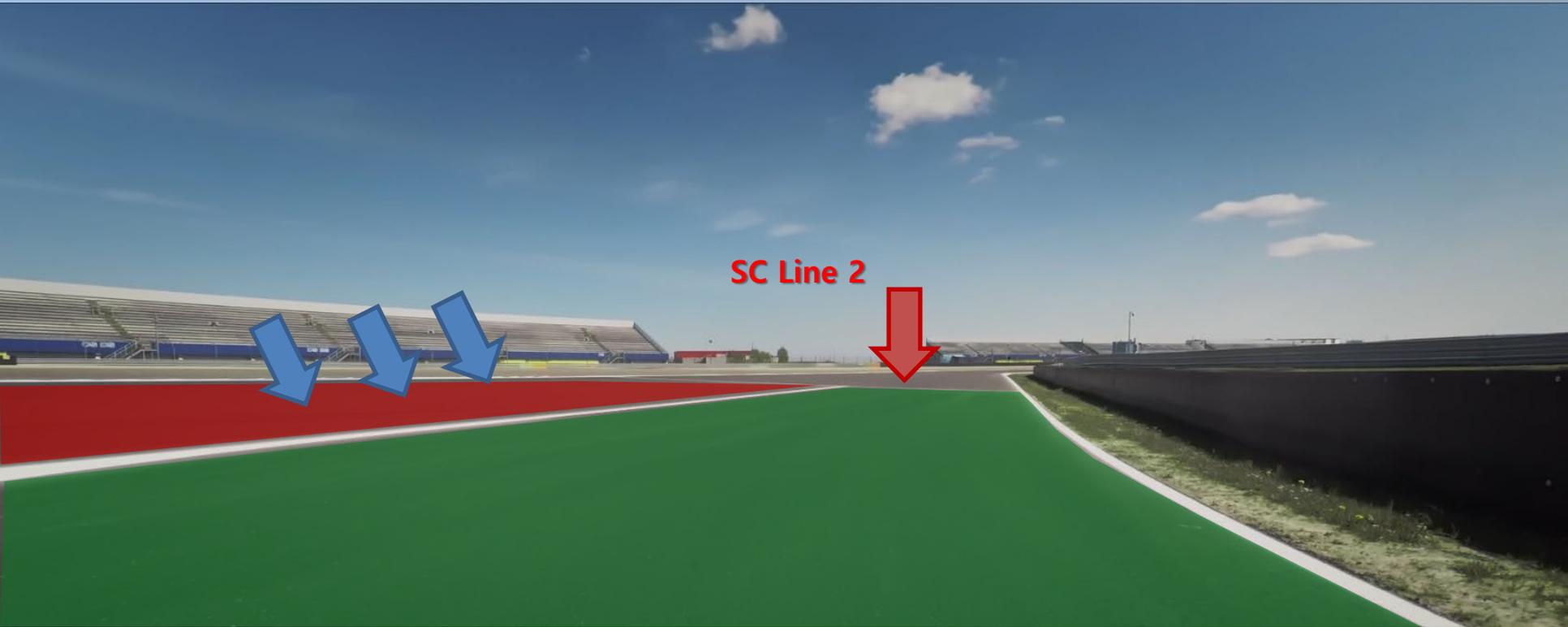
- Black Flag



~~- Warning Flag~~



White Line Pit Lane Exit



Warning: Do not touch white line at Pit Lane Exit

Mandatory Pit Stop *(Only Race 3)*



Mandatory Pit Stop for Race 3 only

- Pit Stop window between **25th** and **35th minute** of the race.
- As Per Article 12.4 of the Series Sporting Regulations, the **Minimum Pit Stop Time** will be **90 seconds**.
- This time will **Measured** from the **Pit Entry line** till the **Pit Exit Line**
- **Refuelling** of maximum of **20 litres** as per article 12.5 of the sporting regulations during the mandatory pitstop **is permitted**.
- The **maximum** number of **Persons working on the Car** during races (pitstops) is limited to **four(4)**.
- During the pit stop, engines may continue to run **if no tyres are being changed** or other mechanical works are being performed on the car.

- **For the avoidance of doubt:**
 1. The car must cross the **pit entry line** from 25:00:00 after the Official start of the race until 34:59.99 after the Official start of the race.
 2. Any mandatory pit stops taken before or after the pit window may be Penalised. See Art. 12.7
 3. Should the Safety Car be called on track, or a Full Course Yellow period be declared, during the pit window, the race director may extend the time of the pit window by a time between one and three minutes.
 4. The Race Director may decide to delay a pit window. In this case, the Teams will be informed via the monitors and the team radio as well for the rescheduled window time.

Pit Stop Clarification



Maximum persons Working on a car

- Maximum 4 Mechanics
- Maximum 1 Driver Helper (if the driver helper is not working on the car then he/she/it will not be considered as working on the car.
- Maximum 1 Car Controller (Lollypop man). He may stand in front of the car, may oversee the operation but may not touch the car in any way

Engine on or Engine off?

- Changing Drivers,
- Checking Tyre Pressure,
- Removing a window tear-off,
- refuelling
- removing/adding (small) duck-tape appliances on the car

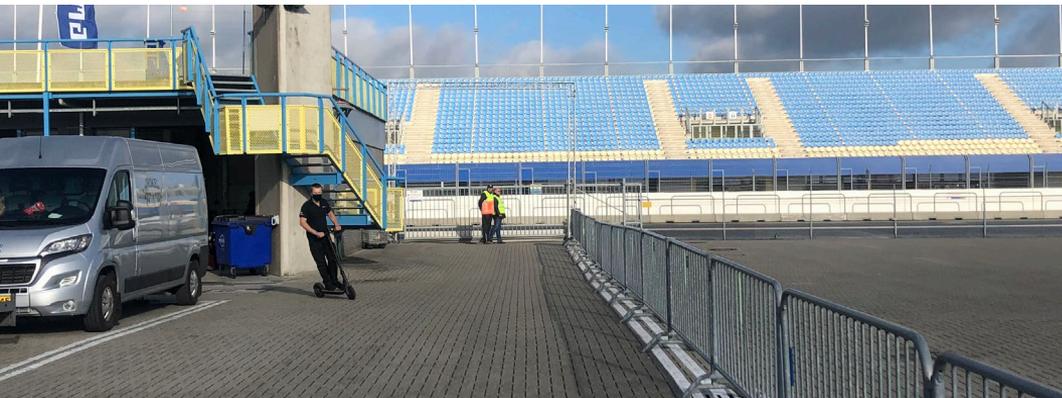
Are not considered as mechanical interventions, so in this case the engine may continue to run. Any other type of work, the engine must be switched off.



Logistics – FP and Q Procedure



- Pre start area is located near the last pit garage.
- **Free Practice & Qualifying** may be started either from the Pre start area, or from the pitlane. Cars from the Pre start will get priority.
- The **Races**. All cars, (even if located in any Pit Garage) will be started from from Pre start area.
- From the **Pre start** area all cars will be guided to the grid using the shortcut between **T5/6** and **T15/16**.



- On the grid we will have a 5-min countdown procedure towards the start of **Formation Lap**.
- Teams located in a Pit Garage may exit the pitlane via the gate located at the end of the last pit garage.



Starting Procedure

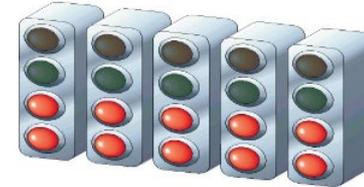
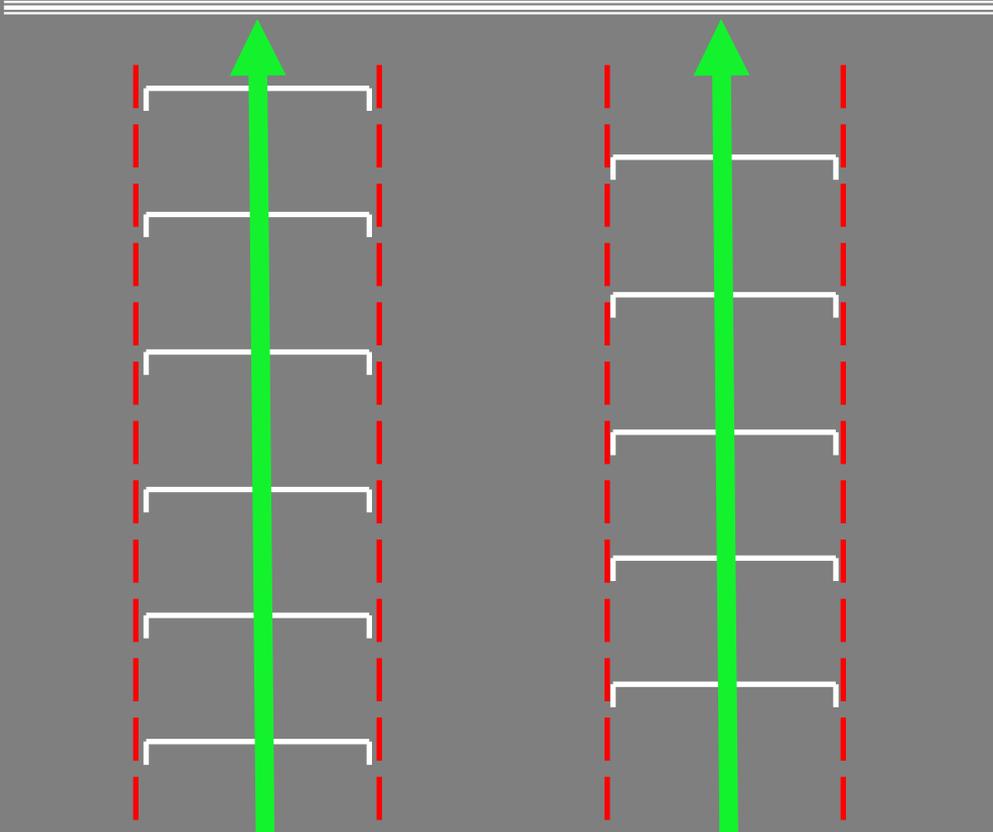
Grid Formation

Leading Car in Pit Lane

Starting lights



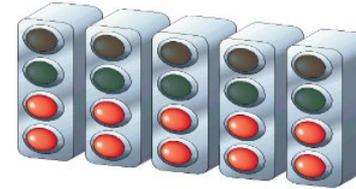
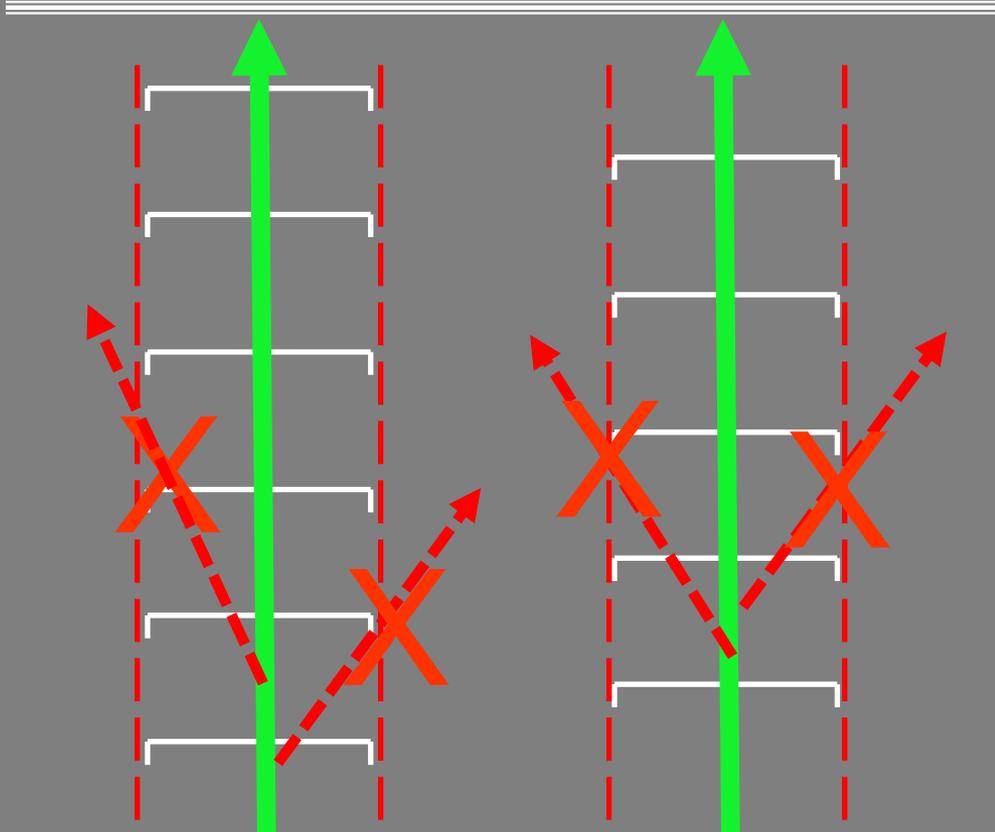
Start Procedure



Each car must hold the starting formation by driving from the beginning over the „starting boxes“ on their respective sides (starting corridors).



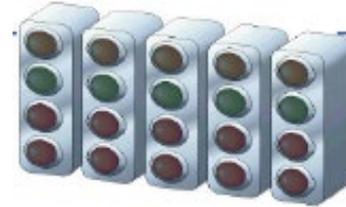
Start Procedure



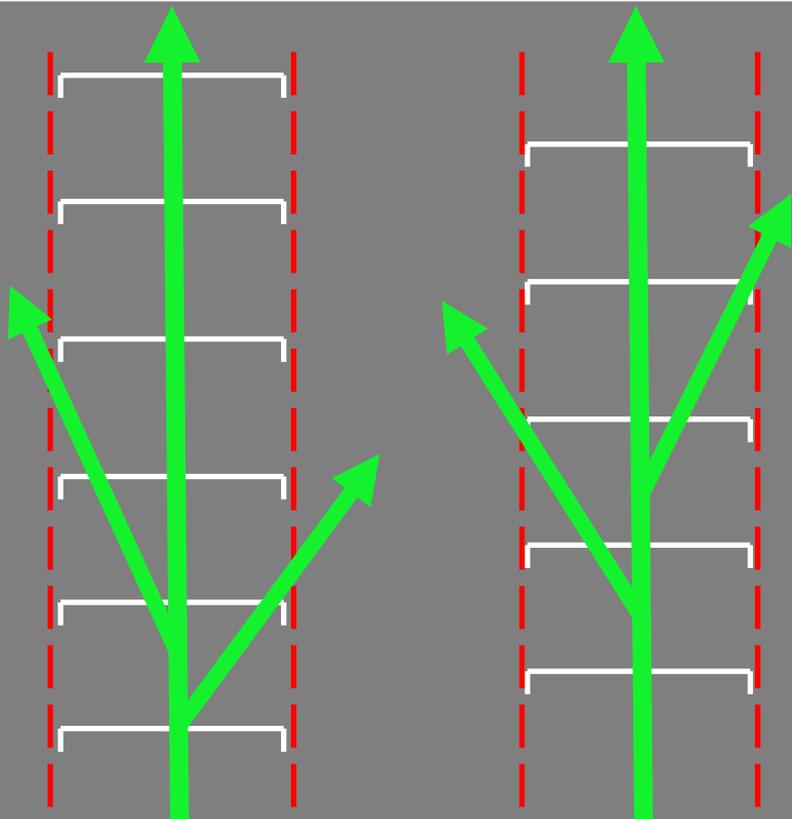
Pushing on or slowing down as well as leaving the respective starting corridor is forbidden before the starting signal is given.



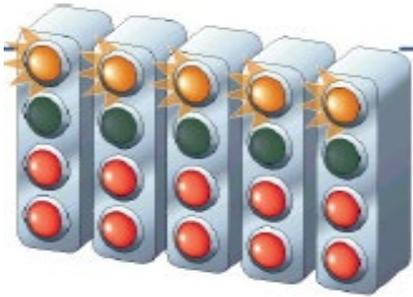
Start Procedure



The starting signal is given when the red lights are turned OFF. Accelerating as well as leaving the formation and the starting corridors is allowed from this time.



Start not OK // Extra Formation Lap



- In the occasion the Race Director is not satisfied with the Grid Formation, the Race Director may decide **not** to start the race. **The start will be aborted.**
- In this case, the red lights on the starting gantry remains red and orange lights will flash.
- In this case, the Polesitter decides any speed between 90 and 110 km/h and **another formation lap** will be executed. The leader **must follow** instructions over **Race Control Radio**
- The race time will start once the original start should have been given.



Flag Signals – Red Flag



- Reduce Speed. Be Prepared to Stop!
- Session is Suspended
- Follow Marshall's Instructions

For All Sessions, Including Races

- All cars must enter the pitlane.
- For Races: All cars must stop in 1 single line in the Pitlane. Do not drive to your Team Garage.



Track Limits

Limit:

- Accepted: 1, 2 or 3 wheels off track
- Not Accepted: 4 wheels off track
 - *Note: Please see exceptions made at T1, T5/6 and T16/17*

Penalty:

- Free Practice and Qualifying: **Current laptime Deleted**
- During the race: 3rd Offence = Warning Flag
- During the race: 5th offence, 5 seconds timepenalty added to total race time per occurrence.
- * **Hitting a cone counts as 3x Track Limits.**
- * **Hitting 2x a cone in the same race = 5 seconds time penalty**
- * **Hitting the cone during qualifying and causing the session to be neutralised = Fastest Laptime deleted.**



Track Limits T1 (Haarbocht)



Track Limits T6 *(Ruskenhoek)*

M2 CS
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Track Limits T6 *(Ruskenhoek)*



Track Limits T16 *(Geert Timmerbocht)*



Grid Race 1	->	Fastest Lapttime of Timed Qualifying D1
Grid Race 2	->	Fastest Lapttime of Timed Qualifying D2
Grid Race 3	->	Fastest Lapttime of Session D1 and Session D2 Combined
Too Late at Pré Assembly Area	->	Pitlane Start (access Pitlane using Pre-Assembly Aread)
Starting procedure	->	Rolling Start (Red Lights Switched ON -> OFF)
After Qualifying and Races	->	All cars to Parc Ferme
No Lapttime set during Qualify	->	Written Report to the Stewards for permission to start
Podium	->	
Mandatory Pitstop for Race 3	->	Between 25 th and 35 th after the start of the Race

Incident on Track?

1. *After the race you'll must start a dialog with the other participant and together you must find a Reasonable solution.*
2. *Then, within 45 minutes after the race you must report (both!) towards the Race Director.*
Failure to do so may result in a Increase of Penalty



Race Control Radio



Race Director Radio Frequency: 455.812500 MHz

TEST 10 MINUTES BEFORE EACH SESSION

ANSWER WITH 'OK + CAR NUMBER' Towards Ivo





Available on the
App Store



Get it on
Google play



Safety & Respect