

# FORMULA STUDENT NETHERLANDS



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DRIVER BRIEFING

JULY 15<sup>th</sup> 2024

# AGENDA



- General
- Flags & Signs
- Practice Area
- Skid Pad
- Acceleration
- Autocross
- Endurance & Efficiency
- Transponders

# General



- D 1.1 Driver Limitations
  - Adaptation to: D 1.1.1  
For FSN: In total, a minimum of four and a maximum of six drivers are allowed for each team.
  - D 1.1.2 An individual driver may not drive in more than two dynamic events.
  - D 1.1.3 The endurance and efficiency event is considered a single event.
- Official Trackwalks:
  - Autocross Wednesday 13:00-13:30
  - Endurance Thursday 08:30-09:00

# Flags



- D 2.1.3 BLACK FLAG
- The driver must pull into the driver change area for discussion with the officials concerning an incident. A time penalty may be assessed.
- D 2.1.4 BLACK FLAG WITH ORANGE DOT
- Mechanical black flag. The driver must pull into the driver change area for a mechanical inspection of the vehicle, something has been observed that requires a closer inspection.

# Flags



- D 2.1.5 BLUE FLAG
- The driver must pull into the designated passing zone to be passed by a faster competitor. The driver must obey the track marshals signals at the end of the passing zone.
- D 2.1.8 RED FLAG
- The driver must come to an immediate safe and controlled stop on the track and must follow track marshals directions.

# Flags



- D 2.1.7 GREEN FLAG
- The session has started, the driver may enter the track under direction of the track marshals. In case of stalling, the vehicle can be restarted, but the driver has to await another green flag as the opening in traffic may have closed.
- The driver is clear to re-enter the track after using the slow lane to let a faster vehicle pass.
- The driver may pick up speed again after a yellow flag was displayed.
- D 2.1.9 YELLOW FLAG
- Danger, the driver must slow down, something has happened beyond the flag station, no overtaking unless directed by the track marshals.
- If you encounter a yellow flag in autocross you will get a rerun, no need to continue pushing

# Signs



- Slalom
- Passing Zone

# Practice Area



- Opening Times:
  - Tuesday **15:00**-18:00
  - Wednesday 09:00-18:00
  - Thursday 09:00-13:00
- Max 5 minutes per team if there is a queue
- 1 queue line



# Skid Pad Event



- Opening Times:
  - Tuesday 15:00-18:30
  - Wednesday 09:00-12:00
- Skid Pad will be made wet regardless of weather conditions
- Sprinkler system will be set once per day – no changes after the first run per day.
- Testing of transponder is possible by passing through timing loop
- Rain Tires
- 2 queue lines: 1st attempt and 2nd+ attempt
- 2nd run may be done directly after 1st



Pit Garages



Skid Pad

Practice Area

AutoX Endurance

# Acceleration Event



- Opening Times:
  - Wednesday 13:00-18:30
- Location: Main Straight
- 1 queue
- Engine warm up zone at the acceleration event
- No burn-outs before start
- Turn 180 degrees at end and return to start
- 2nd run may be done directly after 1st

# Autocross Event



- Opening Times:
  - Wednesday 14:00-18:30
- Procedure:
  - Enter track on instructions of officials
  - Pull up to green flag
  - After green flag is waved, start at your own convenience
  
  - Timing starts on timing line, not when exiting pit lane.
  
  - After passing finish line -> enter pit
  - Left for immediate second run
  - Right for exit

# Autocross Event



- Clarifications:
- If your car breaks down after moving under own power, the run will be lost
- Broken cars can be retrieved on timeslots:
  - 15:00
  - 16:15
  - 17:30

# Endurance Event



- Opening Times:
  - Thursday 09:30-15:30
  - Lunchbreak approx. 12:00-13:00
- Running Order:
  - Running Order will be published on the website after Autocross
  - Start at 09:30 with reversed autocross result
  - Cars with no autocross result afterwards -> must apply for a slot at the Welcome Centre before Wednesday 20:00
  - “Ready-by”-time will be added to Running Order. This is the earliest time a team may be required to run.

# Endurance Event



- Running Order:
  - Running out of order occurs when (1) all teams ranked before the team in the running order either ran or forfeit their run and (2) the teams' Ready-By time has passed. Running OOO will be penalized according to D9.2.1

# Endurance Event



- Procedure:
  - Enter track (pit lane)
  - Pull up to green flag
  - After green flag is waved, start at your own convenience
  - 1st driver 11 laps, last lap sign after 10 laps. Finish flag after lap 11
  - Driver Change as per rules (3-minute)
  - 2nd driver 11 laps, last lap sign after 10 laps. Finish flag after lap 11.
  - Proceed to immediate mechanical inspection at the exit of the Junior Track
  - CV Class cars will be escorted to fuel station for refuelling.
  - EV Class cars will be escorted to e-scrutineering area for electrical checks.
  - Dataloggers must be returned to the Welcome Centre



# Transponders



- Pick up from Welcome Centre after passing brake test
- Black side down
- Place on **right** (from driver perspective) side of vehicle, according to Technical Directive.
- Return transponders to Welcome Centre before Thursday **16:00**