



2023 SAKHIR EVENT

2 to 5 March 2023

From	The FIA Formula 3 Race Director	Document	4
To	All Teams, All Officials	Date	02 March 2023
		Time	15:20

Title 2023 F3 Sakhir Event Notes
Description 2023 F3 Sakhir Event Notes
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Claro Ziegahn

The FIA Formula 3 Race Director

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EVENT NOTES
General Instructions

1) Pit lane map.

- 1.1. Safety Car lines.
- 1.2. The location of the pit entry and the pit exit.
- 1.3. Designated garage areas.
- 1.4. Safety Car position for first lap and rest of race.
- 1.5. Blue flag marshal at the pit exit.
- 1.6. Track light panels displaying pit entry status.

2) Pre & Post Session / Race Procedure from support paddock to F1 pit lane

- 2.1. For the transfer procedures from the support paddock to the F1 pitlane, prior to all sessions and races, only the set of installation tyres detailed in Article 24.1 of the Sporting Regulations, may be used.
- 2.2. A detailed description and further information of this procedure (pit lane order and timing) are described in the attached document – F3 Event Procedures.

3) Tyre Schedule

- 3.1. Refer to attached document – F3 Tyre Schedule.

4) Pirelli Event Preview

- 4.1. With reference to Article 12.8 of the Technical Regulations see the attached document provided by the official tyre supplier.

5) Track Light Panels

- 5.1. The FIA track light panels have been installed in the positions shown on the circuit map. In accordance with Appendix H to the ISC the light signals have the same meaning as flag signals.

6) Drivers leaving their pit stop position in the pit lane

- 6.1. For safety reasons, during practice and qualifying drivers must not do burn outs from their pit stop position, for the avoidance of doubt this also applies when the pit exit is open for reconnaissance laps.
- 6.2. It is not permitted to do burn outs or clutch bite points checks in the paddock, garage areas and in the pit lane at any time during the Event.
- 6.3. For reasons of safety, any driver released from their pit stop position must move to the fast lane as quickly as possible, drivers must not drive side by side with another car.
- 6.4. For reasons of safety and sporting equity, drivers must not drive through other team's pit bay after being released from their pit stop position.

7) Observing yellow flags during free practice and qualifying

- 7.1. Single waved: Drivers reduce their speed and be prepared to change direction. It must be clear that a driver has reduced speed and, in order for this to be clear, a driver would be expected to have braked earlier and/or discernibly reduced speed in the relevant marshalling sector.
- 7.2. Double waved: Any driver passing through a double waved yellow marshalling sector must reduce speed significantly and be prepared to change direction or stop. In order for the stewards to be

satisfied that any such driver has complied with these requirements it must be clear that the driver has not attempted to set a meaningful lap time. Furthermore, during free practice and qualifying any driver in a double yellow sector will have that lap time cancelled.

8) Lapping during the race

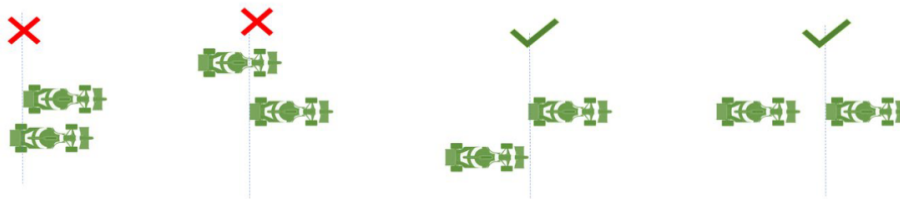
- 8.1. The ISC requires drivers who are caught by another car about to lap him to allow the faster driver past at the first available opportunity. The F1 Marshalling System has been developed in order to ensure that the point at which a driver is shown blue flags is consistent, rather than trusting the ability of marshals to identify situations that require blue flags.

As it was at the end of last season the system will be set to give a pre-warning when the faster car is within 3.0s of the car about to be lapped, this should be used by the team of the slower car to warn their driver he is soon going to be lapped and that allowing the faster car through should be considered a priority. When the faster car is within 1.2s of the car about to be lapped blue flags will be shown to the slower car (in addition to blue light panels, blue cockpit lights and a message on the timing monitors) and the driver must allow the following driver to overtake at the first available opportunity.

It should be noted that the aim of using F1MS is ensure consistent application of the rules, additional instructions may also be given by race control when necessary.

9) Safety Car Procedure

- 9.1. Art. 40.13 (...) In order to avoid the likelihood of accidents before the safety car returns to the pits, from the point at which the lights on the car are turned out drivers must proceed at a pace which involves no erratic acceleration or braking nor any manoeuvre which is likely to endanger other drivers or impede the restart.(...)



10) Fuel pressure release in parc fermé

- 10.1. For safety reasons, teams are authorised to appoint one person specifically in order to release the pressure inside the fuel cell when the cars return after each session. In addition, teams are authorised to attach fans to the car in the parc fermé.
- 10.2. When the cars are in the parc fermé, this person must request prior authorisation from the FIA Technical Delegate on site and is only authorized to perform the action specified above.
- 10.3. This person will not count as far as Article 21.5 of the 2023 FIA F3 Sporting Regulations is concerned (team personnel limitation)

11) Teams Guests

- 11.1. Teams are reminded that guests are included in the category of participants as defined in Article 20 of the International Sporting Code. At the same time, Article 9.15 from the International Sporting Code states that the competitor is responsible for all acts or omissions on the part of any person to whom the competitor has allowed access to the reserved area. The pit lane and the grid are reserved areas.

Event Specific Instructions

12) Changes to the circuit

No changes to the event in 2022.

13) Fire extinguishers around the circuit

13.1. Indicated by white boards with a red fire extinguisher attached to the debris fences and barriers.

14) Places to remove cars from the track

14.1. Indicated by long fluorescent orange panels on the barriers.

15) Lines or bollards-at the Pit Entry and Pit Exit

15.1. In accordance with Chapter 4, Article 4 and 6 of Appendix L to the ISC drivers must follow the procedures at pit entry and pit exit.

15.2. The dashed white lines across the pit entry and the pit exit are the track edge.

16) Track Limits

16.1. In accordance with the provisions of Article 27.3, the white lines define the track edges. During Free Practice, Qualifying and the Race, each time a driver fails to negotiate with the track limits, this will result in that lap time being invalidated by the Stewards.

17) DRS

17.1. DRS Detection will be automatically disabled in each individual zone if any of the light panels in that particular zone are displaying yellow. The zones and corresponding light panels are as follows:

a) DRS Activation 1: Panels 3,4

b) DRS Activation 2: Panels 11, 12

c) DRS Activation 3: Panels 18, 1, 2

18) Pit Lane

18.1. The pit lane speed limit is 60 km/h for the entire event.

19) Pit Lane Barriers

19.1. F1 Teams have been instructed to ensure their barriers are no more than four meters from the garages.

20) Practice Starts

20.1. Practice starts may only be carried out on the concrete apron area on the RHS of the fast lane at the pit exit and, for the avoidance of doubt, this includes any time the pit exit is open for the race.

20.2. For reasons of safety and sporting equity, cars may not stop in the fast lane at any time the pit exit is open without a justifiable reason (a practice start is not considered a justifiable reason).

20.3. For reasons of safety and sporting equity, at any time the pit exit is open, and practice starts are permitted to be carried out, any driver who wishes to perform a practice start must form up in a line and leave in the order they got there unless another car is unduly delayed.

21) Reconnaissance Laps

21.1. Drivers are allowed to do a maximum of two reconnaissance laps. For clarity, this means a driver must not exit the pit lane more than two times before the formation lap.

22) Car number light panels for the start

22.1. On the right-hand side of the grid.

23) Removing cars from the grid

23.1. Two gates in the pit wall, the first is located adjacent to grid position 2 and the second adjacent to grid position 18.

24) Suspending a race

24.1. In case of a race suspension, cars will be stopped in the fast lane of the pits in front of the pit exit lights.

25) Support Race Pit Lane

25.1. Speed limit 60 km/h at all times.

25.2. Entering the support race pit lane is only allowed at the end of each session or race. And only when the driver has received the chequered flag.

25.3. For safety reasons, the fast lane must be kept clear during Porsche support racetrack sessions, for the avoidance of doubt, vans and team equipment must remain behind the line defining the inner lane from the fast lane.

25.4. Should a car encounter a mechanical problem and have to stop the car when entering the narrow section of support race pit lane, pull over to the side as far as possible to allow other cars to overtake.

26) VSC Test

26.1. A VSC test will take place at the beginning of the practice session. All cars must leave the pit lane immediately after the pit exit is open to take part in the VSC test.

Rui Marques
The FIA Formula 3 Race Director

Paddock Departure and Return – Trolley and Race Cars

Departure from Support Race Pit Lane

Teams have been allocated in the correct order for entry into the F1 pit lane, so please keep to this order for each transfer:

1. PHM Racing by Charouz	6. Hitech Pulse-Eight
2. Jenzer Motorsport	7. MP Motorsport
3. Campos Racing	8. ART Grand Prix
4. Rodin Carlin	9. Trident
5. VAR	10. Prema Racing

Trolleys will leave the Oasis pits first. At the pit exit they proceed straight ahead, then bear right onto the oval circuit (“the Loop”) and round to the start of the F1 pits. At each visit, trolleys will wait here until a signal to advance is given by the pit marshals.

After trolleys have left the garages, teams may push their cars to the Oasis pit exit and start engines when the signal is given from the pit marshal. Once all equipment is installed in the F1 pits, **cars will proceed under power from the Oasis pit exit via the Loop to the F1 pit lane.**

Teams may enter the F1 pit lane at either end – whichever is closer or more convenient. At the Oasis exit, there is a short-cut through to the F1 pit lane by the side of the Medical Centre.

Return to Support Race Pit Lane

Teams exit through the same gates as they arrived.

At the end of the practice and qualifying session, after taking the chequered flag, cars should continue to turn 10 where they must leave the track to enter the support race pit lane.

At the end of both races after taking the chequered flag, the podium cars should complete the lap to the F1 pit lane for the podium presentation. All other cars should continue to turn 10 where they must leave the track to enter the support race pit lane. The three podium cars should stay in front of the field and will be under parc fermé conditions to be push back via medical centre.

All cars in the F1 pit lane at the end of each session will be allowed to go on track and continue to turn 10 where they must leave the track to enter the support race pit lane.

Pit Lane Procedures Times

Local marshals will be in control of trolley and race car movements so please follow their instructions. The timings below are approximate and for guidance only:

Friday – Practice (10:55 – 11:40)

Trolleys loaded and ready to depart	10:15
Trolleys released to F1 pits	approx. 10:35
Race cars released to F1 pits	approx. 10:40

Friday – Qualifying (16:00 – 16:30)

Trolleys loaded and ready to depart	15:20
Trolleys released to F1 pits	approx. 15:40
Race cars released to F1 pits	approx. 15:45

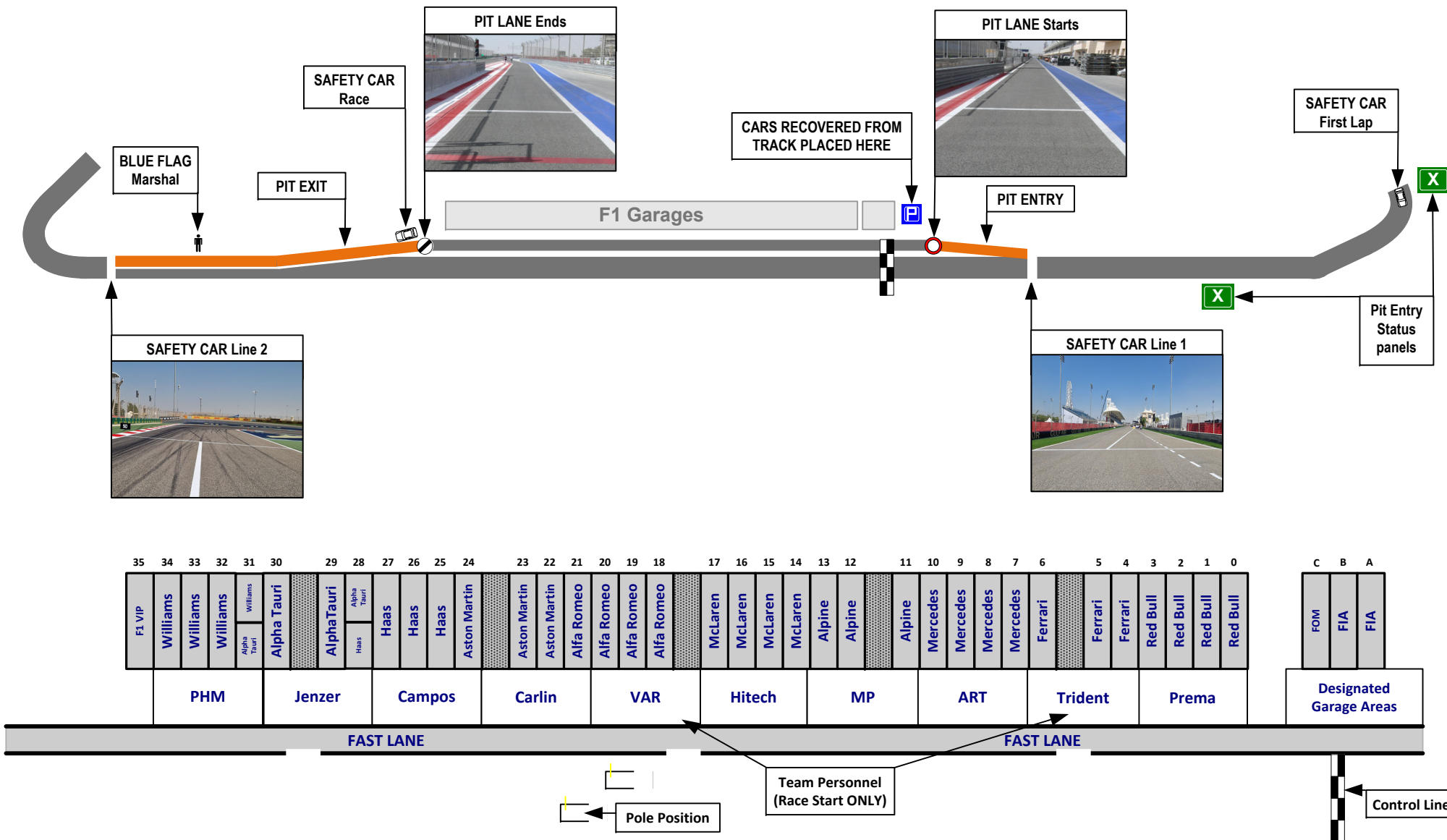
Saturday – Race 1 (pit lane open 12:00)

Trolleys loaded and ready to depart	11:20
Trolleys released to F1 pits	approx. 11:40
Race cars released to F1 pits	approx. 11:45

Sunday – Race 2 (pit lane open 11:35)

Trolleys loaded and ready to depart	10:55
Trolleys released to F1 pits	approx. 11:15
Race cars released to F1 pits	approx. 11:20

Rui Marques
The FIA Formula 3 Race Director



BAHRAIN EVENT

02ND TO 05TH MARCH 2023

TYRE SCHEDULE

(ART. 24.6. 2023 FORMULA 3 CHAMPIONSHIP SPORTING REGULATIONS)

- The Formula 3 tyre parc fermé is situated at the Pirelli service area
- No trolleys or wet tyres will be allowed in the tyre parc fermé
- Wet tyres remain in possession of teams
- All tyres in the possession of teams must be visible to the Scrutineers at all times during the event
- The tyre pressure and temperature master gauge is available at the FIA F2 weigh platform area

Thursday 02nd March

16:00 All teams' tyres will be released from the FIA Formula 3 tyre parc fermé

19:00 All dry tyres must be deposited in the FIA Formula 3 tyre parc fermé

Friday 03rd March

08:55 All teams' tyres will be released from the FIA Formula 3 tyre parc fermé

2 h after end of car Parc fermé

All dry NEW and all USED tyres must be deposited in the FIA Formula 3 tyre parc fermé

Saturday 04th March

10:00 All teams' tyres will be released from the FIA Formula 3 tyre parc fermé

2 h after end of car Parc fermé

All dry NEW and all USED tyres must be deposited in the FIA Formula 3 tyre parc fermé

Sunday 05th March

09:35 All teams' tyres will be released from the FIA Formula 3 tyre parc fermé

2 h after end of car Parc fermé

All tyres must be returned to the Pirelli service area

Grand Prix of Bahrian 03-05/02/23 (23F3R01BAH)

Compound	FL	FR	RL	RR
Hard	RL0	RL0	RL1	RL1
Wet	RL7	RL8	RL9	RM0

Carryover
Not Applicable.

Minimum Pressure, Camber limits, Wear Life

	Front (psi)	Rear (psi)
Slicks	14.0	14.0
Wet	14.0	13.0

FP & Q	FE Camber Limit -4.75°			RE Camber Limit -3°	FP & Q
Race	-4.25°			-3°	Race
	Hard	Avg wear @15 Laps 27 %		Avg wear @15 Laps 48 %	

GENERAL NOTES

Teams are kindly reminded that the following parameters will be subjected to FIA checks during the event:

- Minimum tyre pressure
- Static Camber
- Tyre allocation and Tyre swapping

Tyre Notes

- | | |
|---|---|
| <ul style="list-style-type: none"> • Not permitted to switch tyres from their allocated position. • Do not subject tyres to large deformation or impact. • Revised prescriptions could be issued at any time during the weekend in accordance with the FIA F3 Sporting Regulations. • Tyre pressure will be monitored in accordance with procedure outlined in the team FTP area. | <ul style="list-style-type: none"> • Teams are reminded to remove their rims as soon as possible from the fitting area after sets have been returned. • Teams are advised Wet tyres mounted for Bahrain race activity are scheduled to be stripped at the end of the event. All rims will be returned to teams for onwards transport. |
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