



## 2022 SINGAPORE GRAND PRIX

29 September - 02 October 2022

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<b>From</b>	The FIA Formula One Race Director	<b>Document</b>	3
<b>To</b>	All Teams, All Officials	<b>Date</b>	29 September 2022
		<b>Time</b>	18:15

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**Title** Event Notes - Pit Lane Drawing, Red Zone and Pirelli Preview

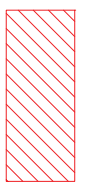
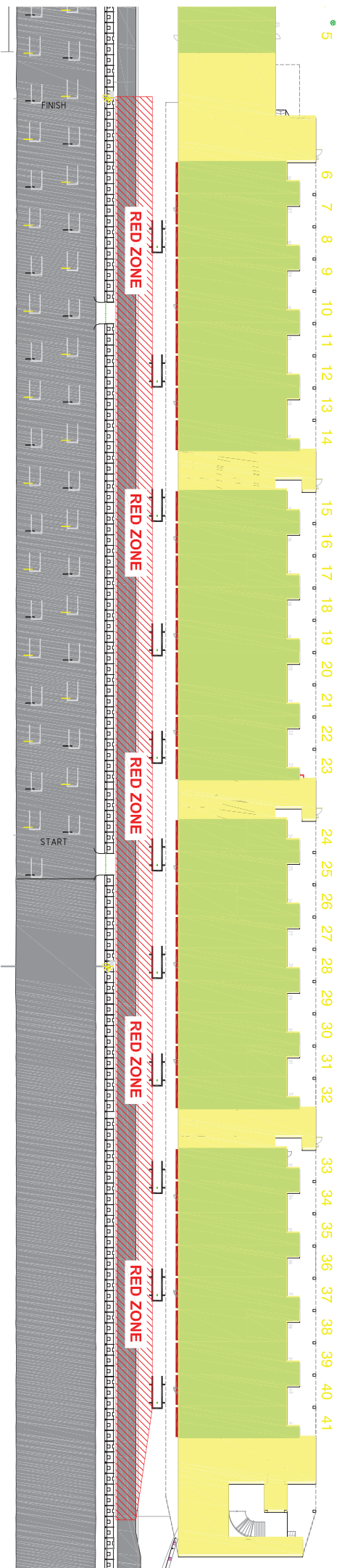
**Description** Pit Lane Drawing, Red Zone and Pirelli Preview

**Enclosed** SGP DOC 3 - Pit Lane and Red Zone and Pirelli Preview.pdf

**Eduardo Freitas**

**The FIA Formula One Race Director**

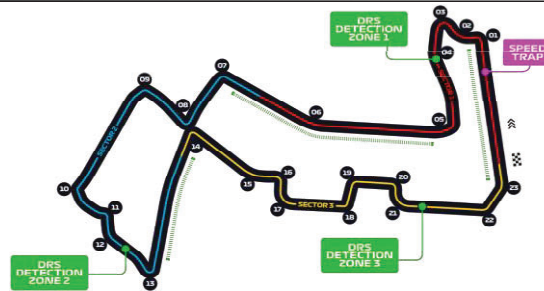




**PHOTOGRAPHERS EXCLUSION  
RED ZONE**

## FORMULA 1 2022 SINGAPORE AIRLINES SINGAPORE GRAND PRIX

**Grand Prix of Singapore 30/09-02/10/2022 (22R17SIN)**



**Compounds selection**

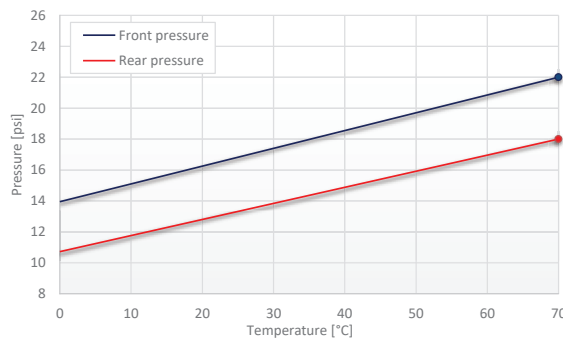
Compound	FL	FR	RL	RR	Mandatory race tyres
<b>C3</b>	3X1	3X2	3X3	3X4	<b>C3</b>
<b>C4</b>	4G1	4G2	4G3	4G4	<b>C4</b>
<b>C5</b>	5Z1	5Z2	5Z3	5Z4	<b>Q3 tyre</b>
<b>Intermediate</b>	9G1	9G2	9G3	9G4	<b>C5</b>
<b>Wet</b>	95B	96B	97B	98B	

**Prescriptions**

**Pressures & camber**

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
<b>Front</b>	22.0 psi	22.0 psi	21.0 psi	≥24.0 psi	-3.50°
<b>Rear</b>	18.0 psi	18.0 psi	17.0 psi	≥20.0 psi	-2.00°

**Cold Pressure Cooling Curve**



$$P_{front} = (T - 70) \cdot 0.115 + P_{startf}$$

$$P_{rear} = (T - 70) \cdot 0.104 + P_{startr}$$

*P<sub>startf</sub>*: Minimum starting pressure on the front axle [psi]

*P<sub>startr</sub>*: Minimum starting pressure on the rear axle [psi]

*T*: Tyre temperature [°C]

**Maximum heating times and temperatures (tread & sidewall)**

Temperature	0	40	60	70 (°C)
<b>Slicks</b>	max. 3h			
<b>Intermediate</b>	max. 2h			
<b>Wet</b>	max. 2h			

- Temperatures refer to tyre tread and side wall temperatures, not blanket or controller set-point temperatures.
- Tyres may only be heated prior to the session in which they are intended to be used.
- The temperatures apply at all times during the event.

**Tyres notes**

- Not permitted to switch tyres from their originally allocated position.
- Do not subject tyres to large deformation or heavy impact.
- Do not leave fitted tyres exposed at an air temperature lower than 10°C and/or any excessive UV emission.
- Revised prescriptions could be issued during the race weekend in accordance with TD003.
- Heating time temperature limits apply to the actual tyre surface temperature measured with the IR gun as detailed in the TD003
- Cold cooling curve temperature limits apply to the tyre side wall temperature measured with the probe as detailed in TD003
- BLANKET HEATING TIME for each temperature range to be counted from the moment the blanket control unit is set to reach its targeted temperature within its correspondent interval.

**General notes**

- Teams are kindly reminded that the following will be subject to FIA checks during the event:
- Starting pressures
  - Cold pressures (according to the cold pressure cooling curves)
  - Re-heat pressures
  - EOS Camber
  - Maximum tyre temperatures and times in blankets
  - Tyre swapping