



2023 SAUDI ARABIAN GRAND PRIX

17 - 19 March 2023

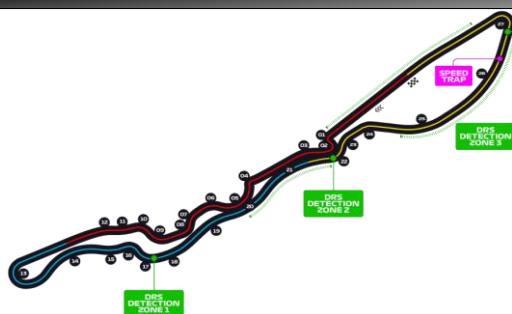
From	The FIA Formula One Race Director	Document	4
To	All Teams, All Officials	Date	16 March 2023
		Time	16:40

Title	Pirelli Preview Pit Lane Drawing and Red Zone
Description	Pirelli Preview Pit Lane Drawing and Red Zone
Enclosed	SAU DOC 4 - Pirelli Preview Pit Lane Drawing and Red Zone.pdf

Niels Wittich

The FIA Formula One Race Director

Grand Prix of Saudi Arabia 17/03-19/03/2023 (23R02JED)



Compounds selection

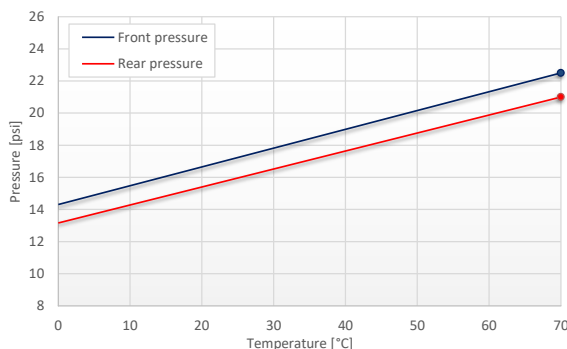
Compound	FL	FR	RL	RR	Mandatory race tyres
C2	2K1	2K2	2K3	2K4	C2
C3	3L1	3L2	3L3	3L4	C3
C4	4N1	4N2	4N3	4N4	
Intermediate	9G1	9G2	9G3	9G4	Q3 tyre
Wet	95B	96B	97B	98B	C4

Prescriptions

Pressures & camber

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
Front	22.5 psi	24.0 psi	23.0 psi	≥25.0 psi	-3.25°
Rear	21.0 psi	21.0 psi	20.0 psi	≥23.5 psi	-1.75°

Cold Pressure Cooling Curve



$$P_{front} = (T - 70) \cdot 0.117 + P_{startf}$$

$$P_{rear} = (T - 70) \cdot 0.112 + P_{startr}$$

P_{startf}: Minimum starting pressure on the front axle [psi]

P_{startr}: 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)
Slicks	max. 2h			
Intermediate	max. 2h			
Wet	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.

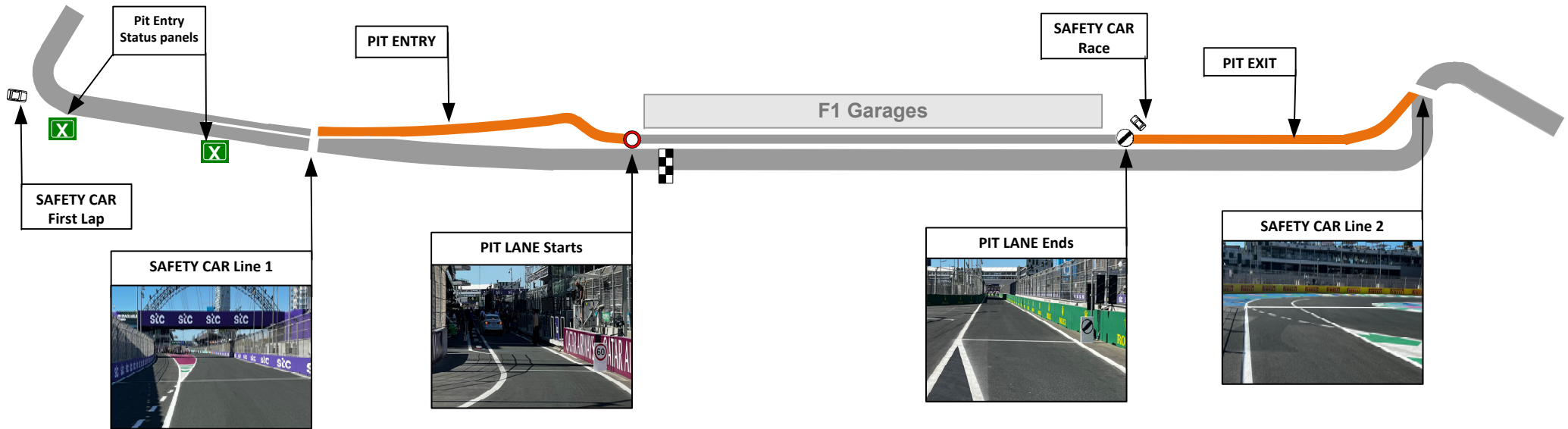
Tyres notes

- 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

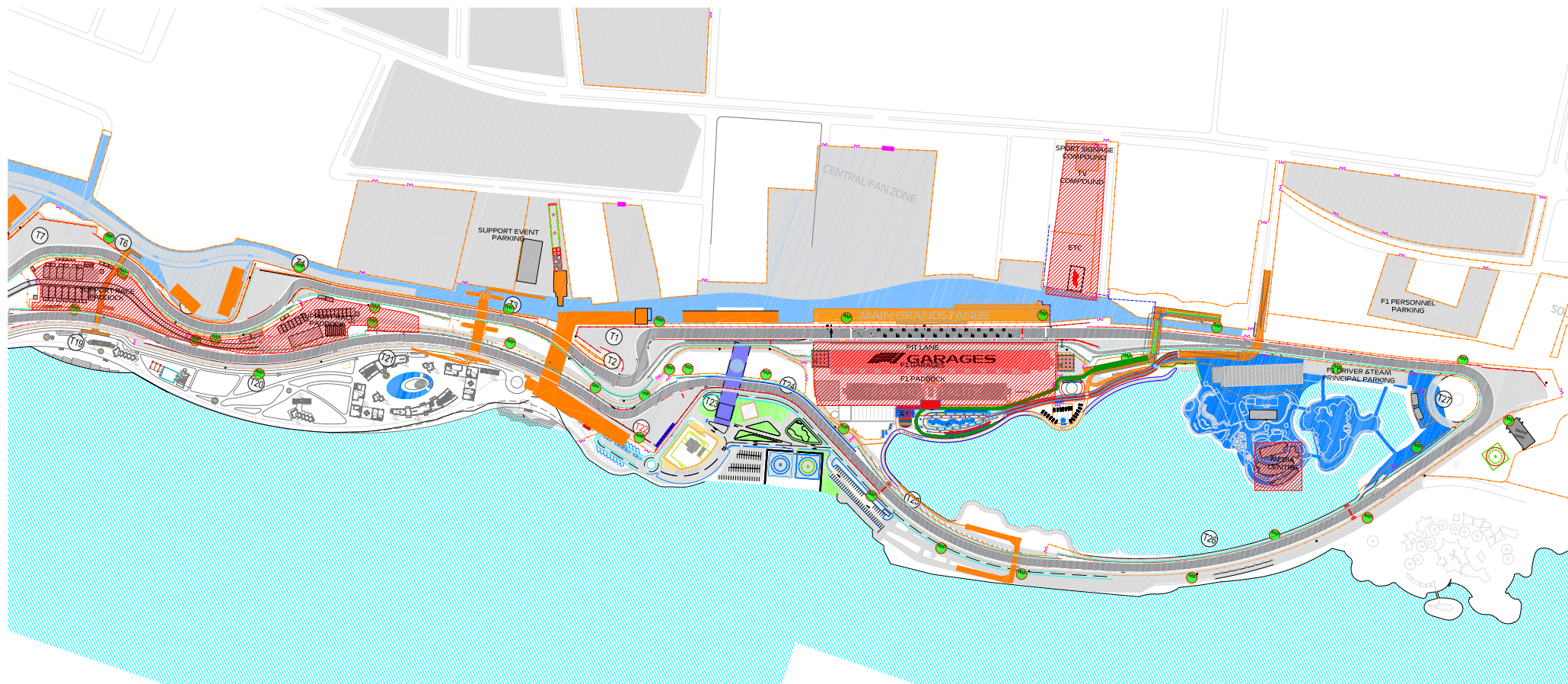
Teams are kindly reminded that the following will be subject to FIA checks during the event:

- 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



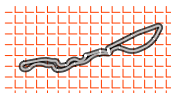
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	
Race Control	FIA	FIA	FIA	FIA	FOM	Red Bull	Red Bull	Red Bull	Red Bull	Ferrari	Ferrari	Ferrari	Ferrari	Mercedes	Mercedes	Mercedes	Mercedes	Alpine	Alpine	Alpine	Alpine		McLaren	McLaren	McLaren	McLaren	Alfa Romeo	Alfa Romeo	Alfa Romeo	Alfa Romeo	Aston Martin	Aston Martin	Aston Martin	Aston Martin	Haas	Haas	Haas	Haas	AlphaTauri	AlphaTauri	AlphaTauri	AlphaTauri	Williams	Williams	Williams	Williams
Designated Garage Areas	Pit Stop Position					Red Bull	Ferrari				Mercedes				Alpine		McLaren	Alfa Romeo				Aston Martin	Haas				AlphaTauri				Williams															
	FAST LANE																					FAST LANE																								





Event Title

**FORMULA 1 STC
SAUDI ARABIA GRAND PRIX 2022**
Jeddah Corniche Circuit
JEDDAH . SAUDI ARABIA



ROUND 02

**MAR
25-27**



Drawing Title

RED ZONE

Drawing Number
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Drawn J.P	Date 14/03/2023	Scale N.T.S	Rev
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