



66TH MACAU GRAND PRIX

13 TO 17 NOVEMBER 2019

From	The FIA Technical Delegate	Document	08
To	The Stewards of the Meeting	Date	14 November 2019
	The Race Director	Time	09:00
	The Clerk of the Course		
	The Secretary of the Meeting		

Between 9:00 and 17.00 on 13th of November and 08:00 – 10:00 on 14th of November the following 30 cars and drivers equipment underwent preliminary scrutineering.

N°	NATION	DRIVER	ENTRANT
2	NZL	Marcus ARMSTRONG	SJM Prema Theodore Racing
3	DNK	Frederik VESTI	SJM Prema Theodore Racing
5	RUS	Robert SHWARTZMAN	SJM Prema Theodore Racing
6	EST	Juri VIPS	Hitech Grand Prix
7	GBR	Max FEWTRELL	Hitech Grand Prix
8	JPN	Yuki TSUNODA	Hitech Grand Prix
9	DNK	Christian LUNDGAARD	ART GRAND PRIX
10	AUT	Ferdinand HABSBURG	ART GRAND PRIX
11	ESP	Sebastian FERNANDEZ	ART GRAND PRIX
12	GBR	Oliver CALDWELL	TRIDENT MOTORSPORT
14	DEU	David BECKMANN	TRIDENT MOTORSPORT
15	ITA	Alessio LORANDI	TRIDENT MOTORSPORT
16	GBR	Jake HUGHES	HWA RACELAB
17	IRN	Keyvan ANDRES	HWA RACELAB
18	DEU	Sophia FLOERSCH	HWA RACELAB
19	AUT	Lukas DUNNER	MP MOTORSPORT
20	NZL	Liam LAWSON	MP MOTORSPORT
21	NED	Richard VERSCHOOR	MP MOTORSPORT
22	IND	Arjun MAINI	JENZER MOTORSPORT

23	MAC	Hon Chio LEONG	JENZER MOTORSPORT
24	DEU	Andreas ESTNER	JENZER MOTORSPORT
25	GBR	Callum ILOTT	SAUBER JUNIOR TEAM BY CHAROUZ
26	DEU	David SCHUMACHER	SAUBER JUNIOR TEAM BY CHAROUZ
27	ITA	Enzo FITTIPALDI	SAUBER JUNIOR TEAM BY CHAROUZ
28	USA	Logan SARGEANT	Carlin Buzz Racing
29	BRA	Felipe DRUGOVICH	Carlin Buzz Racing
30	GBR	Daniel TICKTUM	Carlin Buzz Racing
31	ITA	Alessio DELEDDA	CAMPOS RACING
32	GBR	Enaam AHMED	CAMPOS RACING
33	ITA	Leonardo PULCINI	CAMPOS RACING

All the above cars and drivers equipment were found to be in conformity with the safety requirements of the 2019 FIA F3 World Cup Sporting and Technical Regulations.

Robert Maas
FIA Technical Delegate



66TH MACAU GRAND PRIX

13 TO 17 NOVEMBER 2019

From	The FIA Technical Delegate	Document	16
To	The Stewards of the Meeting	Date	14 November 2019
	The Race Director	Time	17:45
	The Clerk of the Course		
	The Secretary of the Meeting		

TECHNICAL DELEGATES' REPORT

Before the Free practice session:

The seat position and cockpit exit time of all drivers was checked.

During the Free practice session the following cars were stopped and weighed:

No.	Team	Driver
12	Trident Motorsport	Oliver Caldwell
18	HWA Racelab	Sophia Floersch
20	MP Motorsport	Liam Lawson
21	MP Motorsport	Richard Verschoor

All cars had their tyre codes recorded.

After the Free practice session:

The car **7, 16, 30** were checked for the correct skid plank nomination.

All cars had their tyre codes recorded.

During the first Qualifying session the following cars were stopped and weighed:

No.	Team	Driver
05	SJM Prema Theodore Racing	Robert Shwartzman
16	HWA Racelab	Jake Hughes
32	Campos Racing	Enaam Ahmed

All cars had their tyre codes recorded.

After the first Qualifying session:

The following cars were weighed then checked for the following

- 1) Front and rear wing width and height
- 2) Under floor height
- 3) Rear diffuser height
- 4) Wheel camber conformity
- 5) Gear box ratios
- 6) Acquisition data
- 7) ECU Mapping

No.	Team	Driver
2	SJM Prema Theodore Racing	Marcus Armstrong
6	Hitech Grand Prix	Juri Vips
14	Trident Motorsport	David Beckmann
16	HWA Racelab	Jake Hughes
25	Sauber Junior Team by Charouz	Callum Ilott
28	Carlin Buzz Racing	Logan Sargeant

The skid planks were checked for conformity, nomination and thickness on car numbers **6, 14** and **16**.

The tyre pressures were checked for conformity on car numbers **2, 6, 14, 16, 25** and **28**.

The DRS System and the rear wing upper elements were checked for conformity on car numbers **6, 14** and **16**.

Fuel samples were taken from car numbers **14** and **16**. Results of the fuel sample analysis will be announced.

All cars had their tyre codes recorded.

All the above items were found to be in conformity with the requirements of the 2019 FIA F3 World Cup Sporting and Technical Regulations.



Robert Maas
FIA Technical Delegate



66TH MACAU GRAND PRIX

13 TO 17 NOVEMBER 2019

From	The FIA Technical Delegate	Document:	28
To	The Stewards of the Meeting	Date	15 November 2019
	The Race Director	Time	19:30
	The Clerk of the Course		
	The Secretary of the Meeting		

TECHNICAL DELEGATES' REPORT

During the Free practice session the following cars were stopped and weighed:

No.	Team	Driver
6	Hitech Grand Prix	Juri Vips
8	Hitech Grand Prix	Yuki Tsunoda
27	Sauber Junior Team by Charouz	Enzo Fittipaldi
30	Carlin Buzz Racing	Daniel Ticktum

All cars had their tyre codes recorded.

After the Free practice session:

The car **5, 10, 20** were checked for the correct skid plank nomination.

All cars had their tyre codes recorded.

During the second Qualifying session the following cars were stopped and weighed:

No.	Team	Driver
6	Hitech Grand Prix	Juri Vips
9	ART Grand Prix	Christian Lungeard
22	Jenzer Motorsport	Arjun Maini

All cars had their tyre codes recorded.

After the second Qualifying session:

The following cars were weighed then checked for the following

- 1) Front and rear wing width and height
- 2) Under floor height
- 3) Rear diffuser height
- 4) Wheel camber conformity
- 5) Gear box ratios
- 6) Acquisition data
- 7) ECU Mapping

No.	Team	Driver
5	SJM Prema Theodore Racing	Robert Shwartzman
6	Hitech Grand Prix	Juri Vips
9	ART Grand Prix	Christian Lungaard
16	HWA Racelab	Jake Hughes
21	MP Motorsport	Richard Verschoor
25	Sauber Junior Team by Charouz	Callum Ilott

The skid planks were checked for conformity, nomination and thickness on car numbers **5, 6** and **25**.

The tyre pressures were checked for conformity on the first set of tyres used on car numbers **5, 6, 25** and **28**.

The tyre pressures were checked for conformity on the second set of tyres used on car numbers **5, 6, 9, 16, 21** and **25**.

The differential was checked for conformity on car numbers **5, 6** and **25**.

The steering rack end stroke and lower wishbone bushing spacer were checked for conformity on car numbers **5, 6** and **25**.

Fuel samples were taken from car numbers **5** and **6**. Results of the fuel sample analysis will be announced.

All cars had their tyre codes recorded.

All the above items were found to be in conformity with the requirements of the 2019 FIA F3 World Cup Sporting and Technical Regulations.



Robert Maas
FIA Technical Delegate



66TH MACAU GRAND PRIX

13 TO 17 NOVEMBER 2019

From	The FIA Technical Delegate	Document	37-bis
To	The Stewards of the Meeting	Date	16 November 2019
	The Race Director	Time	11:30
	The Clerk of the Course		
	The Secretary of the Meeting		

TECHNICAL DELEGATES' REPORT

Before the Qualification race:

Rear wing angle was checked of all cars.

All cars had their tyre codes recorded.

After the Qualification race:

The following cars were weighed then checked for the following

- 1) Front and rear wing width and height
- 2) Under floor height
- 3) Rear diffuser height
- 4) Wheel camber conformity
- 5) Gear box ratios
- 6) Acquisition data
- 7) ECU Mapping

No.	Team	Driver
5	SJM Prema Theodore Racing	Robert Shwartzman
6	Hitech Grand Prix	Juri Vips
9	ART Grand Prix	Christian Lundgaard
21	MP Motorsport	Richard Verschoor
25	Sauber Junior Team by Charouz	Callum Ilott
28	Carlin Buzz Racing	Logan Sargeant

The skid planks were checked for conformity, nomination and thickness on car numbers **5, 6 and 9**.

The tyre pressures were checked for conformity on car numbers **5, 6, 9, 21, 25 and 28**.

The front suspension and the anti-roll bar were checked for conformity on car numbers **5, 6 and 9**.

Fuel samples were taken from car numbers **9** and **21**. Results of the fuel sample analysis will be announced.

All cars had their tyre codes recorded.

All the above items were found to be in conformity with the requirements of the 2019 FIA F3 World Cup Sporting and Technical Regulations.



Robert Maas
FIA Technical Delegate



66TH MACAU GRAND PRIX

13 TO 17 NOVEMBER 2019

From	The FIA Technical Delegate	Document:	42
To	The Stewards of the Meeting	Date	17 November 2019
	The Race Director	Time	18:30
	The Clerk of the Course		
	The Secretary of the Meeting		

TECHNICAL DELEGATES' REPORT

Before the Race:

Rear wing angle was checked of all cars.

All cars had their tyre codes recorded.

After the Race:

The following cars were weighed then checked for the following

- 1) Front and rear wing width and height
- 2) Under floor height
- 3) Rear diffuser height
- 4) Wheel camber conformity
- 5) Gear box ratios
- 6) Acquisition data
- 7) ECU Mapping

No.	Team	Driver
6	Hitech Grand Prix	Juri Vips
9	ART Grand Prix	Christian Lundgaard
15	Trident Motorsport	Alessio Lorandi
21	MP Motorsport	Richard Verschoor
25	Sauber Junior Team by Charouz	Callum Ilott
28	Carlin Buzz Racing	Logan Sargeant

The skid planks were checked for conformity, nomination and thickness on car numbers **6, 21** and **28**.

The tyre pressures were checked for conformity on car numbers **6, 9, 15, 21, 25** and **28**.

The brake calliper and brake pad front left and the monocoque reference plane were checked for conformity on car numbers **6, 21** and **28**.

All cars had their tyre codes recorded.

All the above items were found to be in conformity with the requirements of the 2019 FIA F3 World Cup Sporting and Technical Regulations.



Robert Maas
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