



## YAS MARINA EVENT

28 NOVEMBER – 1 DECEMBER 2019

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<b>From</b>	The Formula 2 Technical Delegate	<b>Document</b>	7
<b>To</b>	The Formula 2 Stewards	<b>Date</b>	29 November 2019
		<b>Time</b>	14:30

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### TECHNICAL DELEGATES' REPORT

Between 10.00 and 14.30 today the following 20 cars underwent preliminary scrutineering.

<b>Car numbers</b>	<b>Team</b>
1, 2	: Carlin
3, 4	: ART Grand Prix
5, 6	: DAMS
7, 8	: UNI-Virtuosi
9, 10	: Prema Racing
11, 12	: Sauber Junior Team by Charouz
14, 15	: Campos Racing
16, 17	: MP Motorsport
18, 22	: BWT Arden
20, 21	: Trident

All the above cars and drivers were found to be in conformity with the safety requirements of the 2019 Formula 2 Championship Sporting and Technical Regulations.

Robert Mass  
Technical Delegate

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<b>From</b>	The Formula 2 Technical Delegate	<b>Document</b>	16
<b>To</b>	The Formula 2 Stewards	<b>Date</b>	29 November 2019
		<b>Time</b>	21:05

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### TECHNICAL DELEGATES' REPORT

#### During the Free practice session.

All cars had their tyre codes recorded

The following cars were weighed.

<b>No.</b>	<b>Team</b>	<b>Driver</b>
02	Carlin	Nobuharu Matsushita
03	ART Grand Prix	Nikita Mazepin
04	ART Grand Prix	Nyck De Vries
05	DAMS	Sergio Sette Camara
07	UNI-Virtuosi	Guanyu Zhou
09	PREMA Racing	Mick Schumacher
11	Sauber Junior Team by Charouz	Callum Iltott
15	Campos Racing	Jack Aitken
16	MP Motorsport	Jordan King

#### After the Free practice session:

The following cars were checked for the correct skid plank nomination.

<b>No.</b>	<b>Team</b>	<b>Driver</b>
02	Carlin	Nobuharu Matsushita
06	DAMS	Nicholas Latifi
08	UNI-Virtuosi	Luca Ghiotto
11	Sauber Junior Team by Charouz	Callum Iltott
15	Campos Racing	Jack Aitken
16	MP Motorsport	Jordan King

#### During the qualifying session:

The following were weighed

All cars had their tyre codes recorded and were checked for the correct tyre allocation.

<b>No.</b>	<b>Team</b>	<b>Driver</b>
01	Carlin	Louis Deletraz
04	ART Grand Prix	Nyck De Vries
07	UNI-Virtuosi	Guanyu Zhou
08	UNI-Virtuosi	Luca Ghiotto

**After the qualifying session:**

The following cars were weighed and checked for the following.

- 1) Front and rear wing width and height.
- 2) Under floor height.
- 3) Side winglet heights.
- 4) Rear diffuser height.
- 5) Wheel camber conformity.
- 6) Engine mapping
- 7) Acquisition data
- 8) Gear ratios

<b>No.</b>	<b>Team</b>	<b>Driver</b>
01	Carlin	Louis Deletraz
04	ART Grand Prix	Nyck De Vries
05	DAMS	Sergio Sette Camara
07	UNI-Virtuosi	Guanyu Zhou
11	Sauber Junior Team by Charouz	Callum Ilott
15	Campos Racing	Jack Aitken

The first set of tyres were checked for conformity on car number **1, 5** and **11**.

The second set of tyres used, were checked for conformity on car numbers **1, 4, 5, 7, 11** and **15**.

The monocoque reference plane and ballasts were checked for conformity on car numbers **1, 5** and **11**.

The skid planks were checked for conformity, nomination and thickness on car numbers **1, 5, and 11**.

All tyres used had there tyre codes recorded.

Fuel samples were taken from car numbers **11** and **15**.

The fuel samples were checked for density and analyzed by gas chromatography.

The result of the fuel analyses shows that the fuel was the same as the one, which has been supplied by the official supplier at the event.

All the above items and car weights were found to be in conformity with the requirements of the 2019 Formula 2 Championship Technical Regulations.



Robert Maas  
FIA Technical Delegates

## YAS MARINA EVENT

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<b>From</b>	The Formula 2 Technical Delegate	<b>Document</b>	26
<b>To</b>	The Formula 2 Stewards	<b>Date</b>	30 November 2019
		<b>Time</b>	21:45

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### TECHNICAL DELEGATES' REPORT

#### Before the race:

On the starting grid, all cars had mounted their wheels before the 3-minute signal was shown. All cars had their tyre codes recorded.

#### After the race:

The following cars were weighed.

<b>Car No.</b>	<b>Team</b>	<b>Driver</b>
02	Carlin	Nobuharu Matsushita
05	DAMS	Sergio Sette Camara
07	UNI-Virtuosi	Guanyu Zhou
09	PREMA Racing	Mick Schumacher
11	Sauber Junior Team by Charouz	Callum Ilott
20	Trident	Giuliano Alesi

All the above cars were checked for:

- 1) Front and rear wing width and height.
- 2) Under floor height.
- 3) Rear diffuser height.
- 4) Wheel camber conformity.
- 5) Engine mapping
- 6) Acquisition data
- 7) Gear ratios
- 8) Throttle mapping

The skid planks were checked for conformity, nomination and thickness on car numbers **2, 5** and **7**.

The pressures were checked on the first sets of tyres used in the race on car numbers **2, 5**, and **7**.

The pressures were checked for conformity on the sets of tyres used in the race on car numbers **2, 5, 7, 9, 11** and **20**.

The clutch was checked for conformity on car numbers **2, 5** and **7**.

All tyres used in the race were checked for correct allocation and conformity.

Engine Oil samples were taken from car numbers **2** and **5** have been analyzed by **FTIR** spectroscopy and viscometry.

The results of the **FTIR** analyses show that the sampled oils were consistent with the specified engine oil.

Fuel samples were taken from car number **2** and **20**.

The fuel sample was checked for density and analysed by gas chromatography.

The result of the fuel analyses shows that the fuel was the same as the one that has been supplied by the official supplier at the event.

All the above items and car weights were found to be in conformity with the requirements of the 2019 Formula Two Championship Technical Regulations.



Robert Maas  
FIA Technical Delegate

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<b>From</b>	The Formula 2 Technical Delegate	<b>Document</b>	36
<b>To</b>	The Formula 2 Stewards	<b>Date</b>	1 December 2019
		<b>Time</b>	15:45

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### TECHNICAL DELEGATES' REPORT

#### Before the race:

On the starting grid, all cars had mounted their wheels before the 3-minute signal was shown. All cars had their tyre codes recorded.

#### After the race:

The following cars were weighed.

<b>Car No.</b>	<b>Team</b>	<b>Driver</b>
01	Carlin	Louis Deletraz
05	DAMS	Sergio Sette Camara
06	DAMS	Nicholas Latifi
08	UNI-Virtuosi	Luca Ghiotto
11	Sauber Junior Team by Charouz	Callum Ilott
20	Trident	Giuliano Alesi

All the above cars were checked for:

- 1) Front and rear wing width and height.
- 2) Under floor height.
- 3) Rear diffuser height.
- 4) Wheel camber conformity.
- 5) Engine mapping
- 6) Acquisition data
- 7) Gear ratios
- 8) Throttle mapping

The skid planks were checked for conformity, nomination and thickness on car numbers **6, 8** and **11**.

The pressures were checked for conformity on the sets of tyres used in the race on car numbers **1, 5, 6, 8, 11** and **20**.

The rear anti roll bars, the blade and the rear rocker were checked for conformity on car numbers **6, 8** and **11**.

All tyres used in the race were checked for correct allocation and conformity.

All the above items and car weights were found to be in conformity with the requirements of the 2019 Formula Two Championship Technical Regulations.



Robert Maas  
FIA Technical Delegate