

Agenda ELECTRIC SECTIONS – GENERAL.

SATURDAY 6th of November 2020.

1. CHAIRMAN'S WELCOME

Mrs. Chris Hardisty & Paul Worsley

The Electric Chairmen opened the meeting at

2. APOLOGIES FOR ABSENCE – ELECTRIC GENERAL

Apologies have been received from:

Member Countries present. Section subscription.

COUNTRY	PRESENT	SECTION SUBSCR
AUSTRIA		
BELARUS		
BELGIUM		
BULGARIA		
CROATIA		
CZECH REP.		
DENMARK		
ESTONIA		
FINLAND		
FRANCE		
GERMANY		
GREAT BRITAIN		
GREECE		
HUNGARY		
IRELAND		
ITALY		
LUXEMBOURG		
MONACO		
NETHERLANDS		
NORWAY		
POLAND		
PORTUGAL		
ROMANIA		
RUSSIA		
SLOVAK REP.		
SLOVENIA		
SPAIN		
SWEDEN		
SWITZERLAND		
TURKEY		
TOTAL		

Maximum votes for Elec. Sections =. Number of Federations represented to vote =

Other persons present:

3. MINUTES OF 2020 SECTION MEETING

November 2020 – Virtual AGM

Matters arising from the minutes:

The minutes were checked and accepted as written at the AGM 2020

The following person was elected to check the minutes of this year:

4. CORRESPONDENCE RECEIVED

5. RULE PROPOSALS (Does / May affect all Electric Sections)

Note: The EFRA Committee has studied all received proposals and has come to an opinion over each one, The EFRA Section Chairman will inform the floor of such positions.

APPENDIX 3 ELECTRIC CARS

A GENERAL

Current Rule

3.2.

1/10 Touring scale & Formula 1 cars will be driven by a lithium based (LiPo/LiFe) battery with a nominal voltage of no more than 7.6v (LiPo)/ 6.6v (LiFe). Receiver batteries are not allowed.

Proposal

3.2.

1/10 Touring scale & **TC FWD** cars will be driven by a lithium based (LiPo/LiFe) battery with a nominal voltage of no more than 7.6v (LiPo)/ 6.6v (LiFe). Receiver batteries are not allowed.

Remarks

The F1 class is as good as dead. The cost and the quality of the tyres have killed this class. Many of the F1 drivers are now driving TC FWD cars. A class that has a lot of success in Europe and whose tyres are not expensive and of good quality. This class is very recognisable for the spectator and as a publicity class it can give a European Championship more glamour and can give the organiser more registrations.

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: o Not Seconded

**The proposal: o Passed Unanimously o Passed with for, against and abstentions.
o Rejected with for, against and abstentions. o Amended**

Current Rule

7.1.1.

European Championships are held in the following classes:

1/10 Off-Road Modified, 2WD & 4WD as separate classes.

1/12 Modified, using no less than 6.5 turn modified brushless and blinky.

1/12 Spec using 13.5 T Spec. brushless and blinky.

1/10 Touring Cars Modified & 1/10 Touring Cars using 13.5T Spec. Brushless

1/10 Formula One using 21.5T Spec. Brushless.

Starting May 2016, only motors included on the EFRA Homologation Lists are allowed at EC and GP events in the above Classes.

Proposal

7.1.1.

European Championships are held in the following classes:

1/10 Off-Road Modified, 2WD & 4WD as separate classes.

1/12 Modified, using no less than 6.5 turn modified brushless and blinky.

1/12 Spec using 13.5 T Spec. brushless and blinky.

1/10 Touring Cars Modified & 1/10 Touring Cars using 13.5T Spec. Brushless

1/10 **Touring Cars Front Wheel Drive** using 21.5T Spec. Brushless **and blinky**.

Starting May 2016, only motors included on the EFRA Homologation Lists are allowed at EC and GP events in the above Classes.

Remarks

Replacement of F1 class by TC FWD using 21.5T Spec. Brushless and Blinky

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: o Not Seconded

The proposal: o Passed Unanimously o Passed with for, against and abstentions.

o Rejected with for, against and abstentions. o Amended

Current Rule

Current Rule

7.2.7.

Drivers that finished in the Top 10 at a 1/10 Touring Car Modified European Championship (indoor or outdoor) in the last 2 years are not allowed to participate at the 1/10 Touring Cars 13.5T Spec. Brushless European Championship. At the 1/10 Touring Car modified & 1/10 Touring Car 13.5T Spec. Brushless European Championships drivers are only allowed to enter one of the two classes.

Proposal

7.2.7

Drivers that finished in the Top 10 at a 1/10 Touring Car Modified European Championship (indoor or outdoor) in the last **two championships held** are not allowed to participate at the 1/10 Touring Cars 13.5T Spec. Brushless **and the TC FWD 21.5T Spec. Brushless Blinky** European Championship. At the 1/10 Touring Car modified & 1/10 Touring Car 13.5T Spec. Brushless European Championships drivers are only allowed to enter one of the two classes. **All other drivers may compete in either 1/10 Touring Car Modified and TC FWD or 1/10 Touring Car 13.5T Spec . Brushless and TC FWD.**

Remarks

no further comment necessary

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: o Not Seconded

The proposal: o Passed Unanimously o Passed with for, against and abstentions.

o Rejected with for, against and abstentions. o Amended

Current Rule

Current Rule

8.1.2.

1/10th Touring & 1/10th Formula one EUROPEAN CHAMPIONSHIP:

DAY 1:* 09:00 Registration, Open and a minimum 2 timed practice, 2 rounds of controlled Practice and 1 Qualifying Round

DAY 2:* 09:00 1 timed practice (minimum) and 4 Qualifying Rounds

DAY 3:* 09:00 1 Practice Final (minimum) and 3 finals for all

There will be a minimum of 10 min between start of round.

Based on the numbers of participants, this timetable can be changed by the organiser with agreement by the section chairman.

*To be agreed at AGM.

Proposal

8.1.2.

1/10th Touring & 1/10th **TC FWD** EUROPEAN CHAMPIONSHIP:

DAY 1:* 09:00 Registration, Open and a minimum 2 timed practice, 2 rounds of controlled Practice and 1 Qualifying Round

DAY 2:* 09:00 1 timed practice (minimum) and 4 Qualifying Rounds

DAY 3:* 09:00 1 Practice Final (minimum) and 3 finals for all

There will be a minimum of 10 min between start of round.

Based on the numbers of participants, this timetable can be changed by the organiser with agreement by the section chairman.

*To be agreed at AGM.

Remarks

no further comment necessary

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: o Not Seconded

The proposal: o Passed Unanimously o Passed with for, against and abstentions.

o Rejected with for, against and abstentions. o Amended

Current Rule

Current Rule

9.1.4.

Practice heats at 1/10 Touring Car Modified, 1/10 Touring Car 13.5T Spec.Brushless &1/10 F1 European Championships must not be longer than 5 minutes. In between two heats there can be a break of up to 3 minutes maximum.

Proposal

9.1.4.

Practice heats at 1/10 Touring Car Modified, 1/10 Touring Car 13.5T Spec.Brushless &1/10 **TC FWD** European Championships must not be longer than 5 minutes. In between two heats there can be a break of up to 3 minutes maximum.

Remarks

no further comment necessary

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: o Not Seconded

The proposal: o Passed Unanimously o Passed with for, against and abstentions.

o Rejected with for, against and abstentions. o Amended

Current Rule

Current Rule

9.4.3.

1/10 Touring Cars & Formula 1:- The Qualifying Heats and Finals will be 5 minutes and the last lap plus the time to complete this last lap up to a max of 40 seconds.

All cars must be cleared by technical inspection before any result can be used for seeding.

At the start of the event at Team Managers Meeting (on Friday morning) it will be decided if the Qualification Rounds will be declared dry or wet based on the weather conditions.

Proposal

9.4.3

1/10 Touring Cars & **TC FWD**:- The Qualifying Heats and Finals will be 5 minutes and the last lap plus the time to complete this last lap up to a max of 40 seconds.

All cars must be cleared by technical inspection before any result can be used for seeding.

At the start of the event at Team Managers Meeting (on Friday morning) it will be decided if the Qualification Rounds will be declared dry or wet based on the weather conditions.

Remarks

no further comment necessary

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: Not Seconded

**The proposal: Passed Unanimously Passed with for, against and abstentions.
 Rejected with for, against and abstentions. Amended**

APPENDIX 3 ELECTRIC CARS

B REQUIREMENTS FOR ELECTRIC ON ROAD CLASSES

Current Rule

2.1.

Any newly homologated bodies must have the part number moulded into the front windscreen. For 1/10 Formula One Spec class, no body homologation is required.

Proposal

Any newly homologated bodies must have the part number moulded into the front windscreen.

Remarks

A body used in the TC FWD class must also be homologated.

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: Not Seconded

**The proposal: Passed Unanimously Passed with for, against and abstentions.
 Rejected with for, against and abstentions. Amended**

Current Rule

2.3.

No portion of chassis, wheels and tyres, or equipment may extend beyond body except to the rear. (Exception - Formula car suspension chassis and abbreviated bodies with no engine cover).

Proposal

No portion of chassis, wheels and tyres, or equipment may extend beyond body except to the rear.

Remarks

no further comment necessary

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: o Not Seconded

**The proposal: o Passed Unanimously o Passed with for, against and abstentions.
o Rejected with for, against and abstentions. o Amended**

Current Rule

7.1.1.

Only bodies that comply to the body guideline for 1:10 electric touring car bodies as per drawings in this handbook of real touring cars that have a minimum length of 4200mm in the original car are allowed. No GT or Sports car bodies allowed. All Touring car bodyshells to be submitted to the EFRA Bodyshell Homologation officer for approval.

Proposal

Only bodies that comply to the body guideline for 1:10 electric touring car **bodies and TC FWD** bodies as per drawings in this handbook of real touring cars that have a minimum length of 4200mm in the original car are allowed. No GT or Sports car bodies allowed. All Touring car **and TC FWD** bodyshells to be submitted to the EFRA Bodyshell Homologation officer for approval.

Remarks

TC FWD bodyshells needs to be homologated

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: o Not Seconded

**The proposal: o Passed Unanimously o Passed with for, against and abstentions.
o Rejected with for, against and abstentions. o Amended**

Current Rule

7.3.3.

Tyre Allowances.

For Spec Class -2 sets of 4 dry weather tyres (rubber) are allowed for qualifying.

Tyres from qualifying may be used in the finals.

For Modified Class: 3 sets of 4 dry weather tyres are allowed for qualifying.

For Formula Class - 1 set of 4 dry weather tyres (rubber) is allowed for qualifying and 1 additional set of rear dry weather tyres is allowed for the finals.

Proposal

Tyre Allowances.

For Spec Class -2 sets of 4 dry weather tyres (rubber) are allowed for qualifying.

Tyres from qualifying may be used in the finals.

For Modified Class: 3 sets of 4 dry weather tyres are allowed for qualifying.

For **TC FWD** Class - 1 set of 4 dry weather tyres (rubber) is allowed for qualifying .

Remarks

no further commentary needed

Proposed by: EFRA, Bultynck Krist

Proposal Status:

EFRA AGM 2021

Seconded by: o Not Seconded

**The proposal: o Passed Unanimously o Passed with for, against and abstentions.
o Rejected with for, against and abstentions. o Amended**

Current Rule

8

Particular to 1/10 Formula One Spec Cars

Proposal

Particular to 1/10 Touring Cars Front Wheel Drive

Remarks

no further commentary needed

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: o Not Seconded

**The proposal: o Passed Unanimously o Passed with for, against and abstentions.
o Rejected with for, against and abstentions. o Amended**

Current Rule

8.1.

Cars specification

Maximum width: 190 mm

Front independent king pin, coil spring suspension is allowed. Suspension pick up points must be mounted inside the body. Independent front shocks are not allowed. The main chassis plate must not protrude from the body when viewed from above.

Minimum weight = 1050 grams including personal transponder.

Proposal

Cars specification

Maximum overall width:195 mm

Minimum weight = 1250 grams including personal transponder

Wing: maximum wing size including endplates:180mm wide and must be cut on the lines provided by the manufacturer. Wings to be mounted directly to the body (no spacer between shell and wing), on the moulded mounts provided at the back of the shell.

All features (front splitter/bumpers) from the original moulding must remain on the shell.

TC FWD car has to be only front wheel drive, four independently sprung wheels. The use of multiple-speed transmissions (gearbox) and slipper clutches is not allowed. No drive system may be connected to the rear wheels. The dimensions of the car are within the 1/10th Touring car FWD dimensions.

All electronic components (including motor, ESC and battery) must be contained entirely within the bodyshell, but otherwise the position of these items within the car and the general chassis layout is free.

Remarks

specifications

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: o Not Seconded

**The proposal: o Passed Unanimously o Passed with for, against and abstentions.
o Rejected with for, against and abstentions. o Amended**

Current Rule

8.4.

Bodies:

Only Formula 1 body styles are allowed. Body must be painted in a race inspired theme. Single color themes are allowed but you must include the sticker sheet to detail the car.

All cars must have a driver's figure installed in the cockpit.

Proposal

Bodies:

Only bodies that comply to the body guideline for 1/10th TC FWD as per drawings in this handbook of real TC FWD 5-doors that have a minimum length of 4200mm in the original car are allowed. No GT or Sports car or 4-door sedan bodies are allowed. All TC FWD bodyshells to be submitted to the EFRA Bodyshell Homologation Officer for approval.

Remarks

no further commentary needed

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: Not Seconded

The proposal: Passed Unanimously Passed with for, against and abstentions.

Rejected with for, against and abstentions. Amended

Current Rule

8.5.

Wings:

Front and rear wings must be commercially available and made of a molded ABS Style plastic, and to a design to be decided at the AGM. Front and rear wings made of Lexan material will not be allowed (this includes bolt on Lexan front wings over a smaller ABS plastic wing).

Wings equipped with any type of remote adjustment or DRS are not allowed.

Maximum height of any part of the rear wing cannot exceed highest point of the body. Any bolt-on, glued-on or moulded-in elevation on the body is to be ignored for the rear wing maximum height measurement.

Proposal

Wings:

The rear wing must be commercially available and made of lexan only. The rear wing may have a maximum width of 180mm and must be cut on the lines indicated by the manufacturer.

No other kind of wings on the bodyshell are allowed.

Remarks

specifications

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: Not Seconded

The proposal: Passed Unanimously Passed with for, against and abstentions.

Rejected with for, against and abstentions. Amended

APPENDIX 4 LITHIUM BATTERIES FOR ALL ELECTRIC CLASSES - TECHNICAL, RACE PROCEDURES & HOMOLOGATION. BRUSHLESS MOTORS 05 SIZE FOR 1/12th AND 1/10th ELECTRIC CLASSES.

Current Rule

4.11.

The winding: Delta and Y wound stators are permitted. Only circular (round) pure copper is permitted. There is no turn limit, but individual Classes may restrict the number of turns to a specific minimum.

Proposal

The winding: Delta and Y wound stators are permitted. Only circular (round) pure copper is permitted. There is no turn limit, but individual Classes may restrict the number of turns to a specific minimum. **No solid glue or 'filler' can be added to the wires of the final winding assembly . When the stator has been 'cut' to gain access to the wires, unwinding of the wires must be possible by normal 'hand' procedures. A small amount of lacquer added to the winding is allowed, providing unwinding by hand is possible.**

Remarks

It must be possible to unwind the wires from the stator by simple 'hand' procedures to check wires and stator laminates

Proposed by: EFRA, Worsley Paul

Proposal Status:

Seconded by: o Not Seconded

**The proposal: o Passed Unanimously o Passed with for, against and abstentions.
o Rejected with for, against and abstentions. o Amended**

Current Rule

4.15.

The Winding: Only three slot (phase) 'Y' (star) wound stators are allowed. No delta wound stators allowed. Only circular (round) pure copper wire permitted.

The three slots of the stator must be wound with: -

21.5T Class:- 21.5 turns of - 2 wires at: 0.724 mm. maximum wire dia.

17.5T Class:- 17.5 turns of - 2 wires at: 0.813 mm. maximum wire dia.

13.5T Class:- 13.5 turns of - 2 wires at: 0.724 mm. maximum wire dia.

and - 2 wires at: 0.574 mm) maximum wire dia.

10.5T Class: - 10.5 turns of - 2 wires at: 0.813 mm. maximum wire dia.

and - 2 wires at: 0.643 mm) maximum wire dia.

Wire dimensions are before lacquer coating.

The electrical circuit through the windings can only be from the ends of the wires forming the designated number of turns. NOTE: The above metric wire diameter sizes are direct equivalents to the nominal AWG sizes previously shown. (Reference to AWG sizes removed for simplicity).

Proposal

The Winding: Only three slot (phase) 'Y' (star) wound stators are allowed. No delta wound stators allowed. Only circular (round) pure copper wire permitted.

The three slots of the stator must be wound with: -

21.5T Class:- 21.5 turns of - 2 wires at: 0.724 mm. maximum wire dia.

17.5T Class:- 17.5 turns of - 2 wires at: 0.813 mm. maximum wire dia.

13.5T Class:- 13.5 turns of - 2 wires at: 0.724 mm. maximum wire dia.

and - 2 wires at: 0.574 mm) maximum wire dia.

10.5T Class: - 10.5 turns of - 2 wires at: 0.813 mm. maximum wire dia.

and - 2 wires at: 0.643 mm) maximum wire dia.

Wire dimensions are before lacquer coating.

No solid glue or 'filler' can be added to the wires of the final winding assembly. When the stator has been 'cut' to gain access to the wires, unwinding of the wires must be possible by normal 'hand' procedures. A small amount of lacquer added to the winding is allowed, providing unwinding by hand is possible. The electrical circuit through the windings can only be from the ends of the wires forming the designated number of turns. NOTE: The above metric wire diameter sizes are direct equivalents to the nominal AWG sizes previously shown. (Reference to AWG sizes removed for simplicity).

Remarks

It must be possible to unwind the wires from the stator by simple 'hand' procedures to check wire dimensions and stator laminates.

Proposed by: EFRA, Worsley Paul

Proposal Status:

Seconded by: Not Seconded

The proposal: Passed Unanimously Passed with for, against and abstentions.
 Rejected with for, against and abstentions. Amended

6. ITEMS FOR GENERAL DISCUSSION.

The Section Chairmen thanked all participants for a constructive meeting, and being no further business the meeting was closed at

MEETING TO CONTINUE WITH ELECTRIC OFF-ROAD SECTION MEETING.



EFRA ANNUAL SECTION MEETING
6-7th of November 2021

Agenda ELECTRIC - OFF-ROAD.

1. CHAIRMAN'S WELCOME

Mr Paul Worsley

The Electric Off-Road Chairman opened the meeting at

Apologies have been received from:

COUNTRY	PRESENT	SECTION SUBSCR	REQUESTED:				Max33%
			EC	EC			%
			Buggy 2wd	Buggy 4wd			
AUSTRIA							
BELARUS							
BELGIUM							
BULGARIA							
CROATIA							
CZECH REP.							
DENMARK							
ESTONIA							
FINLAND							
FRANCE							
GERMANY							
GREAT BRITAIN							
GREECE							
HUNGARY							
IRELAND							
ITALY							
LUXEMBOURG							

MONACO							
NETHERLANDS							
NORWAY							
POLAND							
PORTUGAL							
ROMANIA							
RUSSIA							
SLOVAK REP.							
SLOVENIA							
SPAIN							
SWEDEN							
SWITZERLAND							
TURKEY							
		TOTALS					

Allocations can be changed till January 21st. 2022.

Maximum votes for Off-Road Section = . Number of Federations represented to vote =

Other persons present:

3. MINUTES OF 2020 SECTION MEETING

November 2020 –Virtual AGM:

Matters arising from the minutes:

The minutes were accepted as written at the AGM 2020.

The following person was elected to check the minutes of this year:

4. CORRESPONDENCE RECEIVED

5. CHAIRMAN'S REPORT

6. EC AND GP'S 2022

No applications: All the already elected events moved up to 2022.

Provisional Race calendar 2022

Year/Date	Alt. Date	Status	Country	Venue
2022 May 06-08		IR (maybe W/Up)	Great Britain	Nottinghamshire Retford(RHR)
2022 June 24-26		IR (maybe PR)	Belgium	Kamphenhout
2022 June 27- July 02		EC	Great Britain	Nottinghamshire Retford(RHR)

Future Race calendar Championships

Year/Date	Alt. Date	Status	Country	Venue
2023		EC	Netherlands	Utrecht

Recommendation for 2024: Malmo Sweden

Nominated Tyres for the 1/10th. Off-Road EC 2022:

Rear – Schumacher Dart, compound Yellow, Part # U6826. Insert MC0005

4WD Front – Schumacher Dart, compound Yellow, Part # U6825. Insert MC0004

Allocations were made to each country as printed in the table form under item 2 on the agenda.

All Federations MUST confirm their FINAL Allocation Numbers for each event to the relevant Section Chairman by 21st. January 2022 LATEST.

7. RULE PROPOSALS.

No proposals have been submitted.

8. ELECTION OF SECTION CHAIRMAN.

The Vice Section Chairman will not re-stand.

9. ANY OTHER BUSINESS.

10. ITEMS FOR GENERAL DISCUSSION.

The Section Chairman thanked all participants for a constructive meeting, and being no further business the meeting was closed at –

MEETING TO CONTINUE WITH ELECTRIC TRACK SECTION MEETING.



EFRA ANNUAL SECTION MEETING

6-7th of November 2021

Agenda ELECTRIC - TRACK.

1. CHAIRMAN'S WELCOME

Mr Chris Hardisty

The Electric Track Chairman opened the meeting at

2. APOLOGIES FOR ABSENCE

Apologies have been received from:

Member Countries presents, section subscription, allocations etc:

COUNTRY	PRESENT	SECTION SUBSCR		WC 1/10 Mod	EC 1/12 Mod	EC 1/12 Spec	EC 1/10 Mod	EC 1/10 Spec	F1
AUSTRIA									
BELARUS									
BELGIUM									
BULGARIA									
CROATIA									
CZECH REP.									

DENMARK									
ESTONIA									
FINLAND									
FRANCE									
GERMANY									
GREAT BRITAIN									
GREECE									
HUNGARY									
IRELAND									
ITALY									
LUXEMBOURG									
MONACO									
NETHERLANDS									
NORWAY									
POLAND									
PORTUGAL									
ROMANIA									
RUSSIA									
SLOVAK REP.									
SLOVENIA									
SPAIN									
SWEDEN									
SWITZERLAND									
TURKEY									
TOTAL									

Allocations can be changed till January 21st. 2021.

Maximum votes for Track Section =. Number of Federations represented to vote =

Other persons present:

3. MINUTES OF 2020 SECTION MEETING

November 2020 – Virtual AGM

Matters arising from the minutes:

The minutes were checked and accepted as written at the AGM 2020.

The following person was elected to check the minutes of this year:

4. CORRESPONDENCE RECEIVED

. Any correspondences from the 2021 season.....

5. CHAIRMAN'S REPORT

A full report of the Season is presented by Section Chairmen

6. EC AND GP'S 2023/ 2022

No applications: All the already elected events moved to 2022.

Provisional Race calendar 2022

Year/ Date	Alt. Date	Status	Country	Venue
2022	22-24 April	EC 1/12	Slovakia	Trencin

2022	TBC	WC Warm up	Gubbio	Italy
2022	24-26 June	EC 1/10	Slovakia	Trencin
2022	September	WC 1/10	Gubbio	Italy

Future Race Calendar Championships

Year/Date	Alt. Date	Status	Country	Venue
2023		EC 1/12	Netherlands	Sittard
2023		EC 1/10	Germany	Turkheim

Tyres for the 1/10th Touring Car EC 2022: See Rules.

Allocations were made to each country as printed in the table form under item 2 on the agenda

7. ALLOCATIONS

Allocations were made to each country as printed in the table form under item 2 on the agenda.

All Federations MUST confirm their FINAL Allocation Numbers for each event to the relevant Section Chairman by 21st. January 2022 LATEST

8. RULE PROPOSALS

Note: The EFRA Committee has studied all received proposals and has come to an opinion over each one, The EFRA Section Chairman will inform the floor of such positions.

Current Rule

2.1.

Any newly homologated bodies must have the part number moulded into the front windscreen. For 1/10 Formula One Spec class, no body homologation is required.

Proposal

Any newly homologated bodies must have the part number moulded into the front windscreen.

Remarks

A body used in the TC FWD class must also be homologated.

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: o Not Seconded

The proposal: o Passed Unanimously o Passed with for, against and abstentions.

o Rejected with for, against and abstentions. o Amended

Current Rule

2.3.

No portion of chassis, wheels and tyres, or equipment may extend beyond body except to the rear. (Exception - Formula car suspension chassis and abbreviated bodies with no engine cover).

Proposal

No portion of chassis, wheels and tyres, or equipment may extend beyond body except to the rear.

Remarks

no further comment necessary

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: Not Seconded

**The proposal: Passed Unanimously Passed with for, against and abstentions.
 Rejected with for, against and abstentions. Amended**

Current Rule

7.1.1.

Only bodies that comply to the body guideline for 1:10 electric touring car bodies as per drawings in this handbook of real touring cars that have a minimum length of 4200mm in the original car are allowed. No GT or Sports car bodies allowed. All Touring car bodyshells to be submitted to the EFRA Bodyshell Homologation officer for approval.

Proposal

Only bodies that comply to the body guideline for 1:10 electric touring car **bodies and TC FWD** bodies as per drawings in this handbook of real touring cars that have a minimum length of 4200mm in the original car are allowed. No GT or Sports car bodies allowed. All Touring car **and TC FWD** bodyshells to be submitted to the EFRA Bodyshell Homologation officer for approval.

Remarks

TC FWD bodyshells needs to be homologated

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: Not Seconded

**The proposal: Passed Unanimously Passed with for, against and abstentions.
 Rejected with for, against and abstentions. Amended**

Current Rule

7.3.3.

Tyre Allowances.

For Spec Class -2 sets of 4 dry weather tyres (rubber) are allowed for qualifying.

Tyres from qualifying may be used in the finals.

For Modified Class: 3 sets of 4 dry weather tyres are allowed for qualifying.

For Formula Class - 1 set of 4 dry weather tyres (rubber) is allowed for qualifying and 1 additional set of rear dry weather tyres is allowed for the finals.

Proposal

Tyre Allowances.

For Spec Class -2 sets of 4 dry weather tyres (rubber) are allowed for qualifying.

Tyres from qualifying may be used in the finals.

For Modified Class: 3 sets of 4 dry weather tyres are allowed for qualifying.

For **TC FWD** Class - 1 set of 4 dry weather tyres (rubber) is allowed for qualifying .

Remarks

no further commentary needed

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: Not Seconded

**The proposal: Passed Unanimously Passed with for, against and abstentions.
 Rejected with for, against and abstentions. Amended**

Current Rule

8

Particular to 1/10 Formula One Spec Cars

Proposal

Particular to 1/10 Touring Cars Front Wheel Drive**Remarks**

no further commentary needed

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: o Not Seconded

**The proposal: o Passed Unanimously o Passed with for, against and abstentions.
o Rejected with for, against and abstentions. o Amended**

Current Rule

8.1.

Cars specification

Maximum width: 190 mm

Front independent king pin, coil spring suspension is allowed. Suspension pick up points must be mounted inside the body. Independent front shocks are not allowed. The main chassis plate must not protrude from the body when viewed from above.

Minimum weight = 1050 grams including personal transponder.

Proposal

Cars specification

Maximum overall width: 195 mm

Minimum weight = 1250 grams including personal transponder

Wing: maximum wing size including endplates: 180mm wide and must be cut on the lines provided by the manufacturer. Wings to be mounted directly to the body (no spacer between shell and wing), on the moulded mounts provided at the back of the shell.

All features (front splitter/bumpers) from the original moulding must remain on the shell.

TC FWD car has to be only front wheel drive, four independently sprung wheels. The use of multiple-speed transmissions (gearbox) and slipper clutches is not allowed. No drive system may be connected to the rear wheels. The dimensions of the car are within the 1/10th Touring car FWD dimensions. .

All electronic components (including motor, ESC and battery) must be contained entirely within the bodyshell, but otherwise the position of these items within the car and the general chassis layout is free.

Remarks

specifications

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: o Not Seconded

**The proposal: o Passed Unanimously o Passed with for, against and abstentions.
o Rejected with for, against and abstentions. o Amended**

Current Rule

8.4.

Bodies:

Only Formula 1 body styles are allowed. Body must be painted in a race inspired theme. Single color themes are allowed but you must the included sticker sheet to detailed the car.

All cars must have a drivers figure installed in the cockpit.

Proposal

Bodies:

Only bodies that comply to the body guideline for 1/10th TC FWD as per drawings in this handbook of real TC FWD 5-doors that have a minimum length of 4200mm in the original car are allowed. No GT or Sports car or 4-doors sedan bodies are allowed. All TC FWD bodysells to be submitted to the EFRA Bodysell Homologation Officer for approval.

Remarks

no further commentary needed

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: Not Seconded

The proposal: Passed Unanimously Passed with for, against and abstentions.

Rejected with for, against and abstentions. Amended

Current Rule

8.5.

Wings:

Front and rear wings must be commercially available and made of a molded ABS Style plastic. and to a design to be decided at the AGM. Front and rear wings made of Lexan material will not be allowed (this includes bolt on Lexan front wings over a smaller ABS plastic wing).

Wings equipped with any type of remote adjustment or DRS are not allowed.

Maximum height of any part of the rear wing cannot exceed highest point of the body . Any bolt-on, glued-on or moulded-in elevation on the body is to be ignored for the rear wing maximum height measurement.

Proposal

Wings:

The rear wing must be commercially available and made of lexan only. The rear wing may have a maximum width of 180mm and must be cut on the lines indicated by the manufacturer.

No other kind of wings on the bodysell are allowed.

Remarks

specifications

Proposed by: EFRA, Bultynck Krist

Proposal Status:

Seconded by: Not Seconded

The proposal: Passed Unanimously Passed with for, against and abstentions.

Rejected with for, against and abstentions. Amended

9. ELECTION OF SECTION CHAIRMAN.

The 1/12 Electric Track Chairman Mr Krist Bultynck is willing to re-stand

10. ANY OTHER BUSINESS

11. ITEMS FOR GENERAL DISCUSSION.

The Section Chairman thanked all participants for a constructive meeting, and being no further business the meeting was closed at