**TF EMC 17th Meeting**

### Meeting Minutes

Schedule: 4th March 2019 / 9:00 – 12:00

Telco/Webco: Telephone/Webconference (arranged by OICA)

Secretary: J.M. Prigent (OICA)

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**Attendees:**

Ariel Lecca (OICA) / JM Prigent (OICA) / Zhand Xu (CN) / Hideki Yoshida (JP) / Nojima san (JP) / Krister Kilbrandt (SW) / Benoit Job (OICA) / Koji Maeda (JP) / Javiez Sanchez (SP) / Frank Golisch (OICA) / Walter Savio (IT).

1. **Approval of the draft agenda**

Document: TF-EMC-17-01 Draft Agenda\_Rev00.docx

Agenda is approved.

1. **Approval of the meeting minutes of last session**

Document: [TF-EMC-16-08-draft meeting minutes.docx](https://wiki.unece.org/download/attachments/72024194/TF-EMC-16-08-draft%20meeting%20minutes.docx?api=v2)

Quick review of the previous report.

No comment. Meeting minutes approved.

1. **Development of R10.06 - Information**

Documents: [TF-EMC-16-09-R10.06\_Consolidated\_Rev12\_December\_18.docx](https://wiki.unece.org/download/attachments/72024194/TF-EMC-16-09-R10.06_Consolidated_Rev12_December_18.docx?api=v2)

  [TF-EMC-17-02-R10.06\_Consolidated\_Clean\_December\_18.docx](https://wiki.unece.org/download/attachments/80380152/TF-EMC-17-02-R10.06_Consolidated_Clean_December_18.docx?api=v2)

Quick review of the UN R10.06 under agenda for WP.29 in March session.

If adopted in WP.29, the entry into force could be September 2019.

1. **Development of R10.06 successor**

Documents: [TF-EMC-17-03\_R10\_0X\_Roadmap\_Rev1\_240219.xlsx](https://wiki.unece.org/download/attachments/80380152/TF-EMC-17-03_R10_0X_Roadmap_Rev1_240219.xlsx?api=v2)

 [TF-EMC-17-04-Japan proposal OICAEMCJAMAADSguidelineforISO11451.pdf](https://wiki.unece.org/download/attachments/80380152/TF-EMC-17-04-Japan%20proposal%20OICAEMCJAMAADSguidelineforISO11451.pdf?api=v2)

[TF-EMC-17-05-OICAEMCJAMAproposal1.pdf](https://wiki.unece.org/download/attachments/80380152/TF-EMC-17-05-OICAEMCJAMAproposal1.pdf?api=v2)

 [TF-EMC-17-06-OICAEMCJAMAStudyofvehicleBCImethodfor UNR10.pdf](https://wiki.unece.org/download/attachments/80380152/TF-EMC-17-06-OICAEMCJAMAStudyofvehicleBCImethodfor%20UNR10.pdf?api=v2)

 [TF-EMC-17-07-UK 7 SMMT EMC Proposal for R\_10-07 roadmap 180219.pdf](https://wiki.unece.org/download/attachments/80380152/TF-EMC-17-07-UK%207%20SMMT%20EMC%20Proposal%20for%20R_10-07%20roadmap%20180219.pdf?api=v2)

 [TF-EMC-17-08-Question from Netherlands.pdf](https://wiki.unece.org/download/attachments/80380152/TF-EMC-17-08-Question%20from%20Netherlands.pdf?api=v2)

**TF-EMC-17-03**:

Item 34 (UK) - Annex 6 – paragraph 5.1.3.:

SP supports to improve the text to avoid interpretation. IT supports. SW can support.

🡺UK (OICA) to provide a new wording

Item 32 (JP) – Annex 9: in addition of existing method, to add ISO 11452-11.

SP doesn’t know yet this method and wishes to compare it with existing ones, before giving Spain position.

SW supports the Japanese proposal and this method must be included in future.

IT supports too.

🡺JP to provide a detailed proposal.

Item 31 (FR):

SP/IT/SW supports the fact to align UN Regulation with standard.

No comment from CN.

🡺FR to provide the proposal.

Item 30 (JP4 & JP5):

Review of **TF-EMC-17-04**: to develop an ADAS guideline for suppliers.

SW supports to include some sort of ADAS driving mode.

SP/IT/CN supports.

🡺JP to provide detailed proposals with some wording to be added in UN R10.

🡺Every future evolution of R10 should include ADAS and Autonomous Vehicles issues. (See **TF-EMC-17-07**).

Item 24 (DE):

Question to reduce from 80% to a lower value in emission test: data needed to support any proposal.

IT is more in favour to not change the actual value. However, it could be discussed with data.

SP supports DE and actual wording is flexible enough, so it is needed to get more details on DE proposal.

SW/JP/CN supports DE proposal.

🡺Data should be provided to ensure that reduction of minimum current from 80% to a lower value would lead to equivalent test results.

Item 23 (JP) – Annex 13:

**TF-EMC-17-05**: change to Class A for DC for limits.

SP doesn’t agree yet due to need to be in line with national legislation.

SW has also some concerns with the proposal due to some problem in northern countries.

IT supports in principal. CN no comment.

🡺No consensus on this proposal. More data and supporting elements needed.

Item 22 (JP):

Review of **TF-EMC-17-06**: BCI test method as alternative.

SW: Does the BCI test should be perform in ALSE or shield room or outside?

JP replies that the shield room is needed to follow some national legislation on radio protection.

SP: it is not justified. IT doesn’t agree too.

🡺Keep this issue open but this proposal is not accepted at the time being.

Item 21 (JP):

Frank Golisch explains that it seems more clear description needed for lot of laboratories. SW/SP/IT support the need of clarification. 🡺Wait for proposal.

Item 19 (FR) - paragraph 7.5.:

SP doesn’t see the need to include this test method without clear description of what the conditions of application could be. IT/SW supports SP.

🡺 Keep this issue open and FR to provide detailed proposal.

Item 16 Trolley & buses: no new information.

Item 14 (JP): considering WPT

SW/SP/IT/CN support

🡺JP to provide a detailed proposal.

Item 13 (UK): virtual testing

SW: Virtual testing is only used for guidance on development stage but no use for type approval.

OICA replies that it is not for the whole vehicles but, e.g. for the ALSE.

🡺Keep open, waiting for a more detailed presentation from UK.

Item 12 (DE): update to latest normative version.

The whole group agrees in principal however it is needed to double check which standard could be updated.

Item 11 (DE):

🡺Waiting for more information from DE.

Items 10 & 4 (FR):

🡺Postponed to next session.

Item 36 (UK): on Autonomous vehicles in line with ADAS testing.

TF-EMC-17-07. See item 30.

Item 37 (UK): failure criteria in Annexes 15/16/21/22

SW/SP support to verify.

IT doesn’t support the UK point of view and the criteria are directly related and can’t be the same on vehicle and bench. We should not address some quality issues in normative aspect.

🡺UK to provide a detailed proposal.

Item 38 (UK) – paragraph 6.10.7.:

🡺Postponed to next session. UK to provide more information.

Item 39 (NL):

**TF-EMC-17-08**: 48V system.

A first answer confirmed that it is included into R10. The test method ISO 7637-2 doesn’t include it yet.

🡺Agreement to work on 48V issue.

🡺Waiting for the updated version of the standard.

New item on 2 wheels vehicles:

Question if Contracting Parties think it is a topic to be discussed in this group or this should be out of the UN R10.

Any other proposals to be included to future evolution of UN R10 to be submitted to Ariel Lecca/Frank Golisch/JM Prigent.

1. **Preparation of GRE 81**

Discussion, if a presentation of TF EMC is necessary at GRE 81

No presentation for 81st session. Wait for October session.

1. **Next meeting dates and location**
* 16th of July as 18th session – 9h00 to 12h00.
* 23rd of July as 19th session – 9h00 to 12h00.

Skype invitations will be sent by the Secretariat.

1. **Adjourn**

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