Drafting Coordinator Report

IWG # 20

Seoul, September 2017

1. WLTP GTR

➢ Changes to Amendment 2 of the WLTP GTR were presented as informal document GRPE-75-23 at the June 2017 GRPE meeting. If accepted, it was to become Amendment 3 to that GTR.

➢ It will be presented to WP.29 as document ECE/TRANS/WP.23/2017/140 at the WP.23/AC.3 meeting in November. If accepted, it will officially become Amendment 3 to GTR 15.

  ➢ Miquel Gangonells (UNECE) will inform immediately should ECE/TRANS/WP.23/2017/140 not be adopted.

➢ GRPE-75-23 has been modified since June and has been used as the benchmark GTR since then. It's latest version (September 10, 2017) has been uploaded to the UNECE server and can be found using the following URL:

  ➢ **https://wiki.unece.org/display/trans/WLTP+20th+session**

  ➢ If IWG #20 approves all of the changes made to GRPE-75-23 in its current version, it will be sent to the UNECE as a working document before or on October 9, 2017 for approval at the 76th Session of GRPE in January 2018. If approved, this will be Amendment 4 of GTR 15.

2. Proposed changes to Amendment 3 since June 2017

➤ Use of the term "interpolation method"
Aiming for clarity and consistency in GTR 15, the use of the term "interpolation method" in that document was investigated.

  ➤ There are times where the GTR inconsistently refers to "**the** interpolation method" and on other occasions to "**an** interpolation method".

  ➤ The term "**an** interpolation method" implies that any of a number of interpolation methods may be used, be that a polynomial interpolation, a spline interpolation, a trigonometric interpolation, etc. Is this what we want in GTR 15?

  ➤ The use of "**the** interpolation method" implies the use of a linear interpolation. [The term "linear interpolation" itself is used 4 times in the GTR.]

  ➤ GTR 15 containing possible clarification of the use of "interpolation" was distributed to the Drafting Subgroup on 21.08.2017 with the request for comments. There was a reply from one member of that group.

  ➤ See GTR 15 in its version from ~~today (10.09.2017)~~ **19.09.2017** which has been uploaded to the UNECE server.

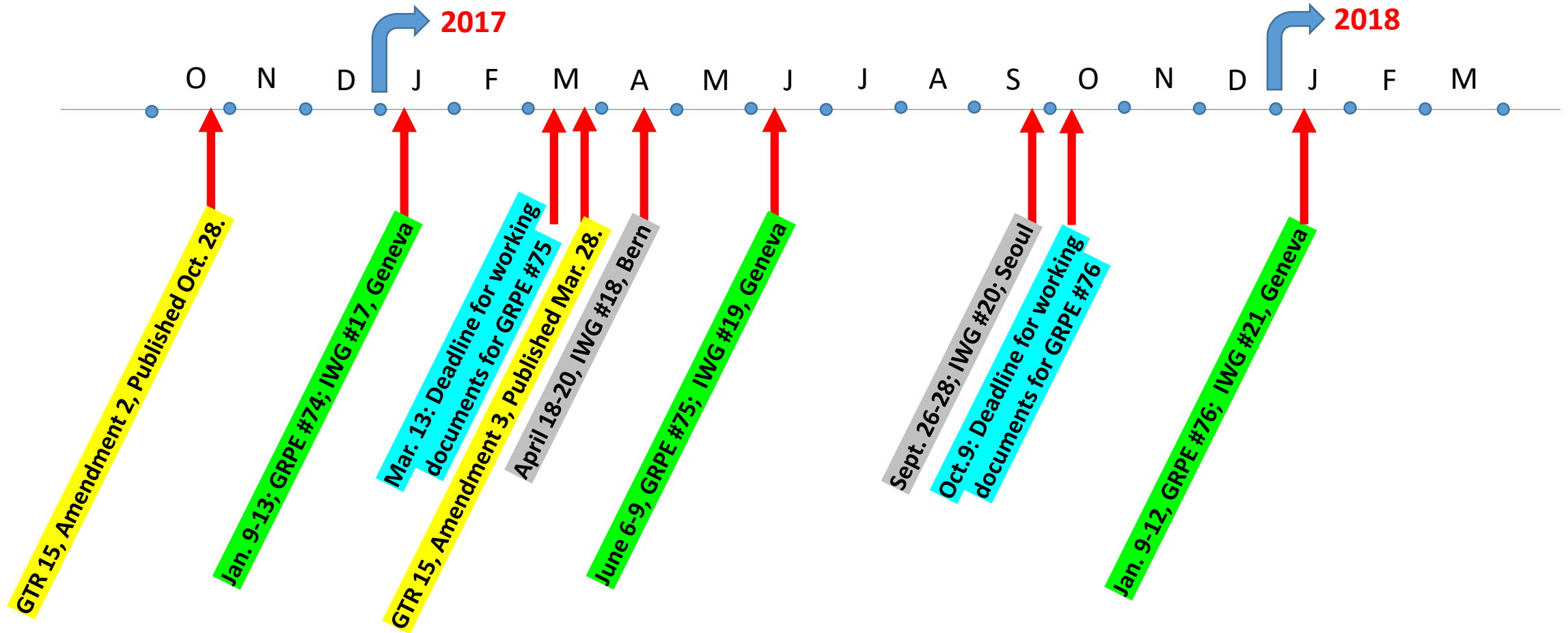➤ **Please search the GTR for the word "interpolation".**

2. Proposed changes to Amendment 3 since June 2017

- ➢ Consistency in the use of the terms *accuracy*, *precision*, *resolution, repeatability, deviation* and *tolerance*.
  - ➢ The GTR has been modified accordingly. Members of the Drafting Subgroup were informed and requested for comments.
  - ➢ **Please search the GTR for the six terms mentioned above.**
- ➢ Possible introduction of definitions for response time, delay time and rise time.
- ➢ Consistency in using "Type of electric converter…" and "Type of energy converter…".
- ➢ Correcting minor errors such as response time in paragraph 4.2.1.2.7. being defined as $(t_{10}-t_{90})$ instead of being $(t_{90}-t_{10})$.
- ➢ Replacing "SOC correction coefficient" with "CO_2 mass emission KCO_2 correction coefficient in Tables A8/8 and A8/9 since SOC is not defined in the GTR.
- ➢ Consistency in using "speed trace" instead of "driving trace".

3. History of the GTR

Version	Due date at UNECE	Published as	Published on
Original	?	ECE/TRANS/WP.29/GRPE/2013/13	September 17, 2013
Amendment 1	October 19, 2015	ECE/TRANS/WP.29/GRPE/2016/3 and also: ECE/TRANS/WP.29/2016/68	November 3, 2015
Amendment 2	October 13, 2016	ECE/TRANS/WP.29/GRPE/2017/7 and also: ECE/TRANS/WP.29/2017/98	October 28, 2016
Amendment 3	March 13, 2017	ECE/TRANS/WP.29/GRPE/2017/9	March 28, 2017
Amendment 4	October 9, 2017	-----	-----

4. Timetable of recent and future events

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