

QRTV for UN Status on February 2016

GRB 63

QRTV for UN Meetings

Pre-meetings (under QRTV for GTR TF umbrella):

- 2014 September 4th and 5th (Geneva)
- 2014 October 28th (Brussels)

Meetings for UN Regulation under 58 Agreement :

- 2014 December 10-11th (Tokyo)
 - Informal document Draft UN Regulation on QRTV to GRB 61st session
- 2015 January 26th and 27th (Geneva)
- 2015 February 26th and 27th (Brussels)
- 2015 May 11th to 13th (Seoul)
- 2015 June 2d (Brussels)
 - Working document for UN Regulation on QRTV to GRB 62^d session
- 2015 December 1st (Zoetermeer)
- 2016 February 15th and 16th (Geneva)

TERMS OF REFERENCE

- The aim of the Group is to address concerns raised by stakeholders e.g the World Blind Union (WBU) and to propose amendment of UN on QRTV if necessary and/or if possible :
 - This Regulation which initially cover electric and hybrid electric vehicles of categories M and N may be extended to L categories.
 - IWG on QRTV Regulation shall consider topics such as sound pressure levels, optional installation of AVAS pause switches and sound emissions when stationary.

Exchange of information on national and international requirements

- European commission has been mandated to vote QRTV regulation in WP29 march 2016.
- US regulation should be published in May 2016.
If not, could be delay after president's election.

Pause functionality

- Review of the use of pause switch by drivers :
 - A questionnaire is on preparation to be circulated
- Possible alternatives for requirements :
 - Prohibit, Mandatory (EU), Option (draft UN Reg, Taiwan)
 - Others : No switch-off on reverse condition, attenuation instead of switch-off, time delay, Crossing speed condition, ...
- Consideration on anti-manipulation

Sound emission of vehicle in standstill condition

- A vehicle at standstill could be a risk because it can start movement quickly
- But
 - a vehicle at standstill could mask others vehicle and
 - a vehicle at standstill is a potential annoyance

More studies (including accident review) should be made.

QRTV of other vehicle categories

- First information on L categories from Spain :
 - Practical situation is different to M and N (non-bodied vehicles, rolling sound, open engine, ...)
 - L category vehicles with AVAS are not on the market.
 - Hybrids are suitable for studies but have limited market availability today.
 - Practical testing can be conducted
 - How to consider demarcation between bicycles, pedelecs and motorbikes.

More study (including accident review) should be made.

Next steps

- Consider pause function prohibition for september 2016.
- Demonstration and workshop future studies (e.g. Q2/Q3 2016)
- Results needed for next meeting - Date will be driven by timeline of studies .