



66th GRB

EU Regulation on AVAS requirements

Presentation by the European Commission expert



State of play

- **Adoption by EC** **26 June 2017**
- **Approval by co-legislators** **final non-objection expected**
- **EU OJ publication** **estimated October 2017**
- **Amendments to include latest UN R138 requirements** **procedure start after such requirements enter into force & are published in EU OJ**

Detailing requirements of Acoustic Vehicle Alerting System (AVAS)

- **Commission empowered to detail by 1/7/2017 AVAS requirements that are already in Annex VIII to Reg. (EU) No 540/2014**
- **Commission Delegated Regulation taking into account the UNECE relevant work**
- **Result of current UNECE work:**
 - **UNECE Regulation No 138 on QRTV adopted in the 168th WP29 (March 2016)**
 - **UNECE R138 amendment 01 for AVAS pause switch in the 171st WP29 (march 2017)**

Regulation on AVAS requirements:

Commission Delegated Regulation amending Regulation (EU) No 540/2014 of the European Parliament and of the Council as regards the Acoustic Vehicle Alerting System requirements for vehicle EU type-approval

➤ ***Legal obligations:***

- ***to detail the requirements in Annex VIII by completing them***
- ***to have the AVAS on all new EV and HEV types by 1/7/2019 and all new EV and HEV by 1/7/2021***

• **Articles**

- 1) Amendment of Annexes I and VIII to Reg. 540/2014
- 2) Entry into force



Regulation on AVAS requirements

Requirements

- Based on the technical requirements drafting in Annex VIII, Reg. 540/2014
- Completing the *technical* requirements of Annex VIII, Reg. 540/2014 by *referring* to requirements of UN R138
- *Accepting* the necessary *admin* requirements from UN R138 alternatively to corresponding admin requirements of the EU legislation (Annex I, Reg. 540/2014)

Regulation on AVAS requirements

- Current technical requirements in AVAS delegated act in accordance with:
 - a) Annex VIII to Regulation (EU) No 540/2014 - legal obligation in Article 8 of that Regulation
 - b) UN R138.00 after 1 July 2019 (new types) or after 1 July 2021 (new vehicles)
 - c) UN R138.00 voluntarily before the dates in b)



Thank you for your attention

DG GROW – Unit C4

Further information:

http://ec.europa.eu/growth/sectors/automotive/index_en.htm



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