

## **Járműtechnikai, Környezetvédelmi és Energetikai Tagozat**

**Hajdú Sándor**

**tagozatvezető helyettes**

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**Budapest 1117 Thán Károly u. 3-5.**

GRB 52<sup>nd</sup> session

1. Adoption of the agenda.
2. Regulation No. 41 (Noise of motorcycles).  
**TRANS/WP.29/GRB/2011/3** Proposal for the draft 04 series of amendments to Regulation No. 41 ✓
3. Regulation No. 51 (Noise of M and N categories of vehicles):
  - (a) Development;  
**TRANS/WP.29/GRB/2011/7** Proposal for draft amendments to Regulation No. 51 ✓ (OICA, to eliminate the contribution of the tyre under very high torque on the overall noise level when performing the Wide Open Throttle (WOT) test according to Method B)
  - (b) New sound limit values;  
**OICA határérték-javaslatot készít az 54. ülésre**
  - (c) Additional sound emission provisions.  
**TRANS/WP.29/GRB/2011/2** Proposal for draft amendments to Regulation No. 51 ✓ (Chair of the Working Party on Noise)
4. Regulation No. 59 (Replacement silencing systems).  
**TRANS/WP.29/GRB/2011/5** Proposal for draft amendments to Regulation No. 59 (CLEPA, az 51 befejezéséig függően)  
**GRB-53-24** Proposal for draft amendments to Regulation No. 59 ✓ (CLEPA, insertion of anti-tampering measures)
5. Regulation No. 92 (Replacement exhaust silencing systems for motorcycles).  
**Nem volt anyag, RUS az 54. ülésre készít anyagot**
6. Regulation No. 117 (Tyre rolling noise and wet grip adhesion)  
**TRANS/WP.29/GRB/2011/4** Proposal for draft amendments to Regulation No. 117 ✓ as corrigendum (ETRTO, provisions on the reproducibility of tyre measurements in laboratories)
7. Collective amendments to Regulations Nos. 49, 51 and 59.
8. Exchange of information on national and international requirements on noise levels.
9. Influence of road surface on tyre rolling sound emissions.
10. Quiet Road Transport Vehicles (QRTV).  
**TRANS/WP.29/GRB/2011/6** Proposal for guidelines on measures ensuring the audibility of hybrid and electric vehicles ✓ (Japan)  
**GRB-53-09** Proposal for guidelines on measures ensuring the audibility of hybrid and electric vehicles to be added to [R.E.3 and/or S.R.1] ✓  
Submitted by the QRTV experts based on the text of **ECE/TRANS/WP.29/WP.29/2011/6** (Japan, a first set of guidance to improve in real traffic the audibility of hybrid and electric vehicles)
11. Environmentally Friendly Vehicles (EFV).
12. Consolidated Resolution on the Construction of Vehicles R.E.3.
13. Guidelines on establishing requirements for high-priority signals.. **GRB-52-01**, (52nd GRB, 6-8 September 2010) WP.29-150-22 (150th WP March 2010, agenda item Advanced Driver Assistance Systems (ADAS; e.g., forward collision warning or lane departure warning systems) are designed to help avoid, or mitigate, the effect of crashes. High-priority warning signals are presented by these systems to promote awareness and timely and appropriate driver situations that present potential or immediate
14. Other business. **GRB-53-10** UNECE – WP.29 – HYDROGEN FUEL CELL VEHICLES - (HFCV) GRPE - SUB-WORKING GROUP ENVIRONMENT (S summarising the findings and recommendations in the different areas addressed by the SGE in support of the harmonisation process. ✓

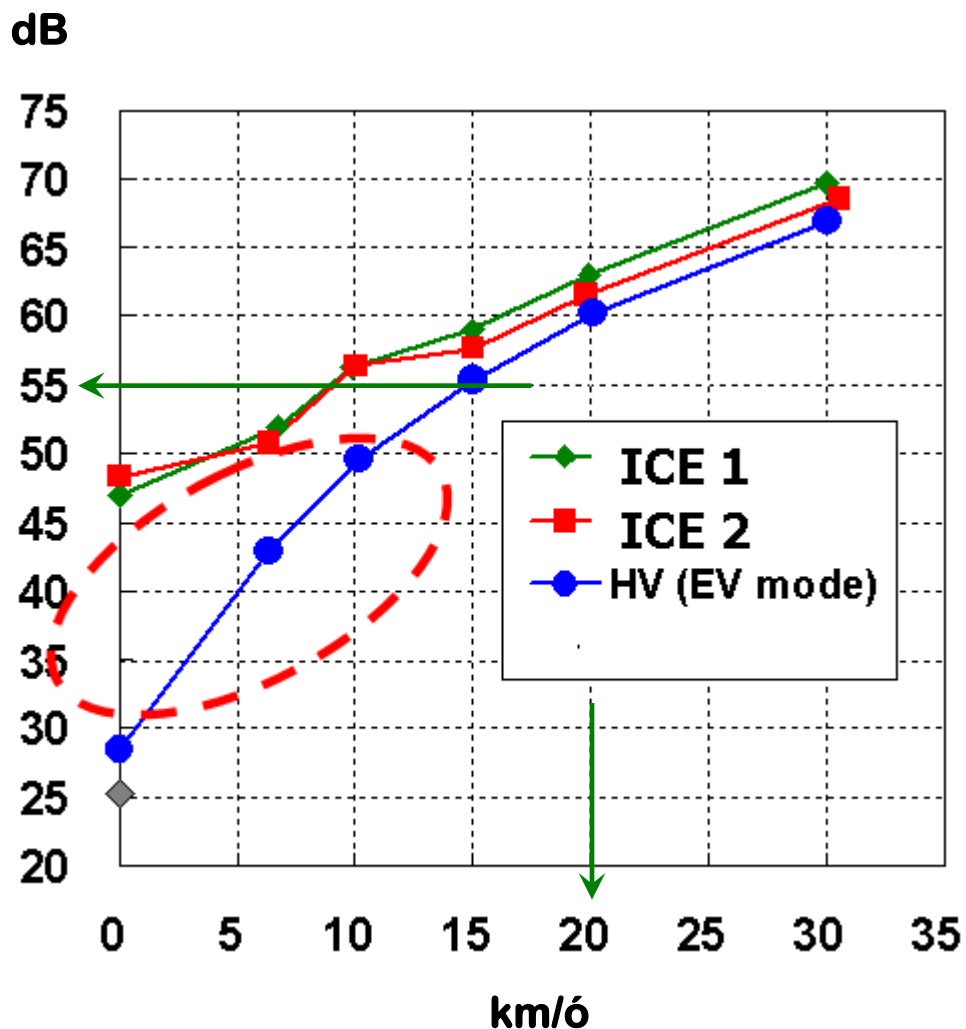
AVAS	Vehicle type	Stop->Start	10km/h	25km/h
without	ICE	Detect	Detect	Detect
	HEV without EV-mode	Detect	Detect	Detect
	HEV with EV-mode	Not detect	Not detect	Detect
	EV	Not detect	Not detect	Detect
with	HEV with EV-mode	Detect	Detect	/
	EV	Detect	Detect	

**AVAS:** Approaching Vehicle Audible System  
(Járműközelítésre Figyelmeztető Hangjelző Rendszer)



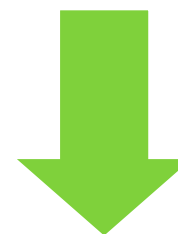
**A HEV EV-üzemmódban, valamint az EV túl csendes jármű, amelyet a gyalogosok csak vizuálisan képesek észlelni**

ICE : Internal Combustion Engine vehicle  
HEV : Hybrid Electric Vehicle  
EV : Electric Vehicle  
FCEV : Fuel Cell Electric Vehicle



**A túl csendes járműnek csak gördülési zaja van**

**A gördülési zaj 20 km/ó haladási sebesség alatt nem emelkedik ki a háttérzajból**



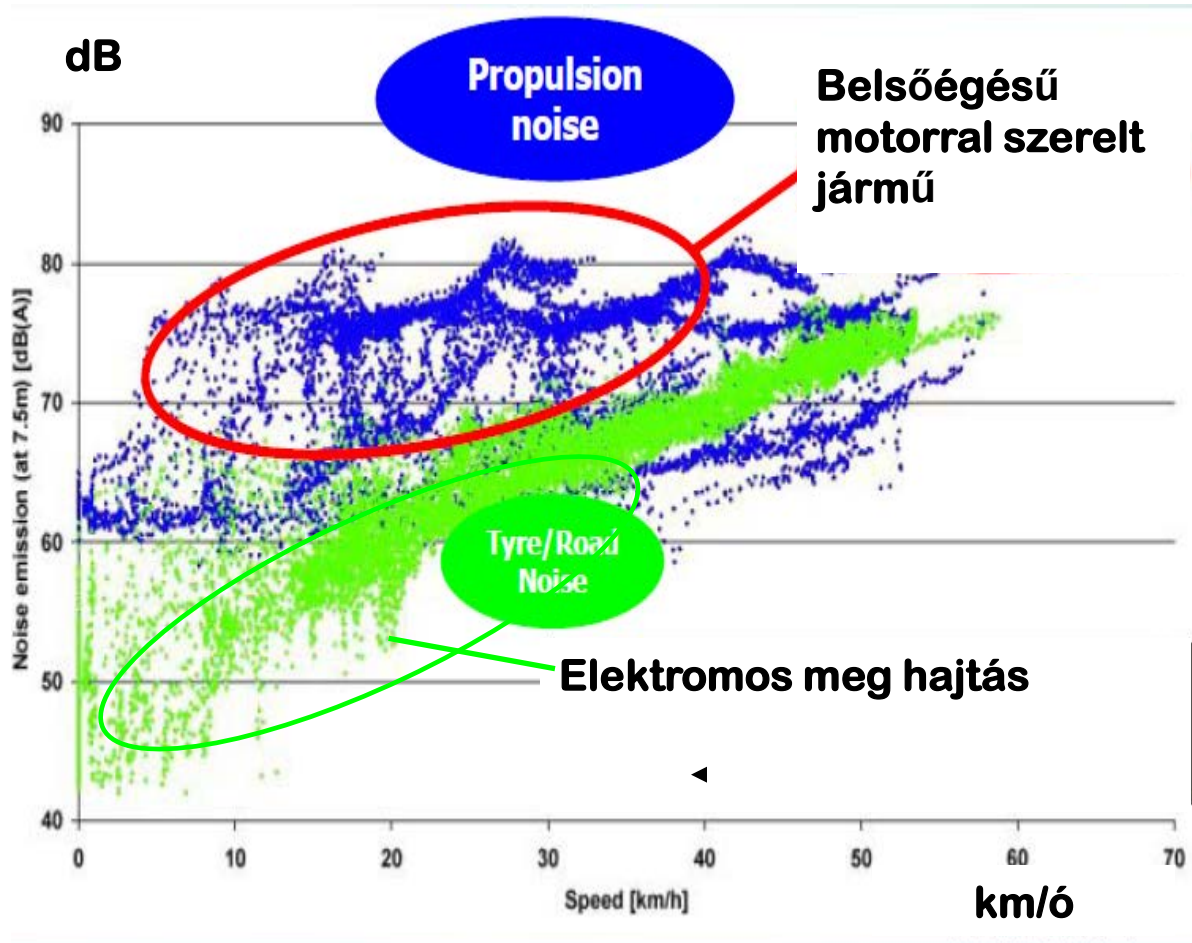
**Indulástól ~20 km/ó haladási sebességig és hátramenetben akusztikus jelzés szükséges**

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