

Draft Terms of Reference for the group of interested experts on Brake Related Signals Between Vehicles (BRSBV)

1. Introduction

1. GRRF agreed to set up a group of interested experts to establish alternative requirements for brake related signals between towing and towed vehicle.
2. Regulation 13 establishes that braking related signals from towing to towed vehicles should use the standardized connector (ISO 7638). This is not possible when a fully automated coupling system (FACS) is used.
3. In a first step the group considers alternative requirements for vehicles of categories N₃, O₃ and O₄ regarding FACS. In a second step the group may consider also alternative requirements for modular vehicle combinations and totally integrated vehicle combination control systems.
4. The group should also produce an amendment to regulation 55 with a proposal for a new definition of the FACS coupling.

2. Objective of the proposal

(a) Task

5. To consider in detail, the task of producing an amending text of the ECE regulation no 13, as concerns braking related signals between towing and towed vehicle, taking account of the existing and emergent new technologies in the context fully automatic coupling systems (FACS), modular vehicle combinations (road trains) and totally integrated vehicle combination control systems.

(b) Process

6. To follow the guidelines set out in Trans/WP29/1044e

(c) Compilation

7. To produce the Regulation requirements which draw on existing texts in the braking field but, within sensible limits, lean toward the acceptance of the more stringent standards. This is to be done consistent while remaining practical and workable by differing organisations in various countries. Every attempt is to be made to ensure that the completed text will be understandable to users who are not seasoned experts in the development of Braking Regulations.

(d) Scope

8. To cover vehicles of category N₃, O₃ and O₄.

(e) Time schedule

9. The target is to submit a draft Regulation which includes up-to-date technology to the GRRF meeting of February 2013.

(f) Meetings

10. The anticipated time scale allows for 5 main meetings before the GRRF in February 2013. Additional meetings will, wherever possible, be linked to the GRRF sessions.

3. Operating principles

11. Participants to include Contracting Parties, Vehicle Manufacturers and Suppliers, Technical Services, Electric Safety Experts, etc.
12. The group will be chaired by Germany, secretary will be provided by OICA.
13. The working language of the group will be English.
14. All documents will be submitted to the UNECE secretariat and posted on the website <http://www.unece.org/trans/main/wp29/wp29grrf/brsbv> in advance of the meetings. The group may postpone to discuss any item or proposal which has not been circulated 10 working days in advance of the scheduled meeting.
15. Proposals will be developed by consensus. When consensus cannot be reached, the chairman shall present the different points of view to GRSP. The chairman may seek guidance from GRSP as appropriate.
16. Sessions shall be held in agreement with the majority of the participants after the group has been established in a constitutional meeting.
17. A provisional agenda shall be drawn up by the secretariat in accordance with the participants of the group. The first item upon the provisional agenda for each session shall be the adoption of the agenda.
18. The second item on the provisional agenda will be the discussion, matters arising and adoption of the Minutes of the previous session.

4. Work plan and time schedule

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| February 2011 | Draft of ToR to GRRF |
| March 2011 | Constitutional meeting, |
| May 2011 | Second meeting of the BRSBV group |
| September 2011 | Adaption of ToR and Progress-Report to GRRF |
| November 2011 | Adaption of ToR by WP.29 |
| November 2011 | Third meeting of the BRSBV group |
| February 2012 | Progress-Report to GRRF |
| March 2012 | Fourth meeting of the BRSBV group |
| June 2012 | Fifth meeting of the BRSBV |
| September 2012 | Draft proposal for amending R13 and R55 (Inf. Doc.) to GRRF |
| February 2013 | Adoption by GRRF of draft proposal for amending R13 and R55 |
| June 2013 | Adoption by WP.29 |
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