

## **A. Proposal for amendments to UN Regulation No. 107**

*Annex 3*

*Insert new paragraphs 7.7.15. and 7.7.15.1., to read:*

**"7.7.15. Audible information**

**7.7.15.1. A sufficient number of loud speakers shall be distributed evenly throughout the passenger compartment and in the toilet compartment, if fitted, to enable the announcement of necessary information.**

**The spoken information shall have a minimum Speech Transmission Index for Public Address systems (STIPA) at a level of 0.45, in accordance with FprEN 16584-2:2015<sup>1</sup>, paragraph 5.3.5.4 (Dynamic audible information)."**

*Paragraph 7.11.4., amend to read:*

**"7.11.4. ~~(Reserved)~~ Handrails and handholds in toilets."**

*Insert a new paragraph 7.11.4.1., to read:*

**"7.11.4.1. If a toilet is fitted, a suitable handrail or handhold shall be provided in the interior."**

*Annex 8, insert a new paragraph 3.12. to read:*

**"3.12. Marking of passenger seats**

**If seats are identified by numbers or letters, then the number or letter of the seat shall be displayed on or adjacent to every seat in characters not less than 12 mm high. Such numbers and letters shall contrast with their background (e.g. FprEN 16584-1:2015<sup>2</sup>, Annex A, A.1 General, Figure A.2 – Colour contrast for signage)."**

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<sup>1</sup> FprEN 16584-2:2015 Railway Applications – Design for PRM Use – General Requirements – Part 2: Information.

<sup>2</sup> FprEN 16584-1:2015 Railway Applications – Design for PRM Use – General Requirements – Part 1: Contrast.

## B. Justification

This informal document is a counterproposal to informal document GRSG-111-35, presented by the expert from Germany at the last GRSG session in October 2016. Bearing in mind the controversial discussion, or even opposition about the German proposal, the above text reduces the amendments to a common denominator where everybody can live with. In addition, it diminishes the probability of inconsistencies or contradictions to other specific prescriptions (e.g. Regulation (EU) No 1300/2014<sup>3</sup>). In our opinion, these modest amendments are a good way forward to improve and complement the existing text of UN Regulation No. 107.

Switzerland adopted the Regulation (EU) No. 1300/2014 in its national legislation with effect from 1<sup>st</sup> July 2016. Albeit this regulation applies in the EU to interoperable rail systems only, Switzerland applies this regulation, in addition to rail systems, for the majority of other kinds of public transport as well, as to say non interoperable railways (i.e. narrow-gauge railways), buses, tramways, cable cars, and navigation. In an endeavour to consider all mode of public transport in a holistic way and with the desire to unifying and simplifying public transport for disabled persons and persons with reduced mobility, Switzerland decided to spread the applicability of Regulation (EU) No 1300/2014 and its related European Standards (EN) in such a way.

To paragraph 7.7.15.1.:

It is useless to increase the number of loudspeakers if we do not establish, at the same time, some quality requirements! Stipulating numerous loudspeakers without making sure that they are of good quality may finally end up in yelling, not understandable announcements. Therefore, you may find in **yellow colour** the quality requirements stipulated in final draft FprEN 16584-2:2015 (see Informal document GRSG-112-04). These quality requirements are practically identical to those in Regulation (EU) No 1300/2014.

To paragraph 3.12.:

The **yellow coloured text** of this paragraph is identical to the text in paragraph 4.2.2.7.2. (7) of the Annex to Regulation (EU) No 1300/2014. Switzerland referred to the final draft FprEN 16584-1:2015 to supplement Regulation (EU) No 1300/2014 with adequate provisions (see Informal document GRSG-112-03).

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<sup>3</sup> Regulation (EU) No 1300/2014 on the technical specifications for interoperability relating to accessibility of the Union's rail system for persons with disabilities and persons with reduced mobility (OJ L 356 of 12.12.2014, p. 110 – 178).