Simplification of the UN Lighting and Light-signalling Regulations

Progress report to GRE-83
Workload and meeting pace

41 meetings held until now:

I. 11 September 2014 in Brussels (BE)
II. 23 October 2014 in Geneva (CH)
III. 14 January 2015 in Brussels (BE)
IV. 13 April 2015 in Geneva (CH)
V. 13 October 2015 in Brussels (BE)
VI. 5-6 November 2015 in Brussels (BE)
VII. 15-16 December 2015 in Brussels (BE)
VIII. 13-14 January 2016 in Brussels (BE)
IX. 29 February & 1 March 2016 in Brussels (BE)
X. 14-15 April 2016 in Brussels (BE)
XI. 9-10 June 2016 in Brussels (BE)
XII. 5-7 September 2016 in Brussels (BE)
XIII. 5-7 October 2016 in Brussels (BE)
XIV. 5-7 December 2016 in Brussels (BE)
XV. 21-23 February 2017 in Brussels (BE)
XVI. 22-24 March 2017 in Brussels (BE)
XVII. 16-18 May 2017 in Tokyo (JP)
XVIII. 13-15 June 2017 in Brussels (BE)
XIX. 12-14 July 2017 in Brussels (BE)
XX. 4-6 October 2017 in Brussels (BE)
XXI. 18-21 December 2017 in Brussels (BE)
XXII. 29 Jan / 1 Feb 2018 in Shenzhen (CN)
XXIII. 4-6 April 2018 in Brussels (BE)
XXIV. 30 May / 1 June 2018 in Brussels (BE)

XXV. 3-5 July 2018 in Brussels (BE)
XXVI. 24-26 September 2018 in Brussels (BE)
XXVII. 10-12 December 2018 in Brussels (BE)
XXVIII. 25-27 February 2019 in Brussels (BE)
XXIX. 27-29 March 2019 in Brussels (BE)
XXX. 22-24 May 2019 in Brussels (BE)
XXXI. 3-5 July 2019 in Brussels (BE)
XXXII. 3-5 September 2019 in Tokyo (JP)
XXXIII. 9-11 October 2019 in Brussels (BE)
XXXIV. 4-6 November 2019 in Brussels (BE)
XXXV. 11-13 December 2019 in Brussels (BE)
XXXVI. 8-10 January 2020 in Brussels (BE)
XXXVII. 2-4 March 2020 in Brussels (BE)
XXXVIII. 27-29 May 2020 – WebEx
XXXIX. 7-10 July 2020 – WebEx
XL. 26-28 Aug 2020 – WebEx
XLI. 21-23 Sep 2020 – WebEx

Next meetings:
SLR-42 on 3-5 November 2020 (WebEx)
SLR-43 on 9-11 December 2020 (WebEx)
### Installation Regulations

<table>
<thead>
<tr>
<th>Reg.</th>
<th>Topic / Item</th>
<th>GRE doc no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>R-48</td>
<td>Amendments to R48-06 to fix inconsistencies among Suppl. 11, 12 and 13</td>
<td>GRE/2020/24</td>
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<td></td>
<td>Amendments to definitions</td>
<td>GRE-83-06</td>
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<td>R-53</td>
<td>Correction of references</td>
<td>GRE/2020/19</td>
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<td>R-74</td>
<td>Reintroduction of Class B in 01 and 02 series of amendments</td>
<td>GRE/2020/20</td>
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<tr>
<td>R-86</td>
<td>Correction of references + Definitions</td>
<td>GRE/2020/21</td>
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### Device Regulations

<table>
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<tr>
<th>Reg.</th>
<th>Topic / Item</th>
<th>GRE doc no.</th>
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<tbody>
<tr>
<td>R148</td>
<td>Corrections to the new UN Regulations (Suppl. to the 00 series)</td>
<td>GRE/2020/09/Rev.1</td>
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<td>Clarification for failure provisions in R148-00</td>
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<td>Corrections to the new UN Regulations (Suppl. to the 00 series)</td>
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<td>Insert missing examples in Annex 13 of R149-00</td>
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<tr>
<td>R113/R149</td>
<td>Correct Figure C in Annex 3 of R113 and Figure A4-IX in R149</td>
<td>GRE-83-07</td>
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<tr>
<td>R98/R123</td>
<td>Corrections of errors in frozen UN Regulations (in conjunction with R149)</td>
<td>GRE/2020/11/Rev.1</td>
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<td></td>
<td>(for R123) Correct cd values in Annex 2 and point 25LL in Annex 4</td>
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<td>R150</td>
<td>Corrections to the new UN Regulations (Suppl. to the 00 series)</td>
<td>GRE/2020/12/Rev.1</td>
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<td>Correct Tables of chronological order of tests + Figures A24-I</td>
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<td></td>
<td>Insert missing TOP mark and unique marking requirement</td>
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<td></td>
<td>Additional corrections and introduction of missing text</td>
<td>GRE-83-17</td>
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UN Regulation No. 148
LIGHT SIGNALLING DEVICES (LSD)

Draft 01 series of amendments
GRE-83-09

Presentation on the main changes
GRE-83-10

SLR submission to GRE-83
(Stage 2 / Step 1 simplification)
UN Regulation No. 149
ROAD ILLUMINATION DEVICES (RID)

Draft 01 series of amendments GRE-83-24

Presentation on the main changes GRE-83-25

SLR submission to GRE-83
(Stage 2 / Step 1 simplification)
UN Regulation No. 150
RETRO REFLECTIVE DEVICES (RRD)

Draft 01 series of amendments GRE-83-26

Presentation on the main changes GRE-83-27
Installation Regulations

- R48, 06/07 series $\rightarrow$ GRE-83-22
- R48, 03/04/05 series $\rightarrow$ GRE-83-23
- R48.06 series (Stage 2 / Step 2) GRE-83-28
- R86, 01 series $\rightarrow$ In progress
- R53, 02/03 series $\rightarrow$ GRE-83-20
- R53, 01 series $\rightarrow$ GRE-83-19
- R74, 01/02 series $\rightarrow$ GRE-83-21
UN Regulation No. 48

HEADLAMP LEVELLING

Proposal

GRE/2020/08/Rev.1
Introduction of Scientific notation will assure that not more than 3 significant digits are shown, which is close to the historically given accuracy in the Regulations and the measurement capability of laboratories.

Can GRE support this?
Proposal

Make the relevant information available to those affected by the content

Proposal Part A: Document management

- Create a new document in DETA called „[Summary]“ using the format pdf
  - Description / Picture / Drawing / Sketch of the device
  - [Markings following the alternative option] / [Explaining text]
  - If they exist, limitations to the installation

Proposal Part B: Usergroup management

- Create a new usergroup in DETA
  - Usergroup level: [Public]
  - Usergroup rights: Read document „[Summary]“ only
All the information above, except for the alternative marking is available somewhere in the existing documents in DETA. These information could be found by users who know what they are doing but impossible for all others. The existing documents also contain a lot of information that is not for public view in any case!
### Proposal Part B: Usergroup management

#### DOCUMENTS AVAILABLE IN DETA

<table>
<thead>
<tr>
<th>USERGROUPS DETA</th>
<th>CERT (communication on type approval)</th>
<th>TR (test report)</th>
<th>IF (information document)</th>
<th>OTHER (other document)</th>
<th>[Summary] (pdf)</th>
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<tbody>
<tr>
<td>Approval granting TAA (for granted approval)</td>
<td>W</td>
<td>W</td>
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<tr>
<td>Manufacturer (only for own approvals)</td>
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<td>R</td>
<td>R</td>
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<tr>
<td>Periodical technical inspection, Law enforcement bodies, Repair shops, Vehicle owners, End-users, Public</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>R</td>
</tr>
</tbody>
</table>

- **W**: Existing access rights (177th WP.29)
- **R**: Additional summary document
- **X**: Additional usergroup(s)

**Can GRE support this?**

**For further details, see SLR-37-01**
Confirmation request to GRE

How to apply the frozen UN Regulations

SLR advice

<table>
<thead>
<tr>
<th>Most widely supported option</th>
<th>Number</th>
<th>Marking</th>
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<tr>
<td>Old number + old marking OR</td>
<td>E4<em>06R 01/29</em>123</td>
<td>E4 2b</td>
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<tr>
<td>New number + new marking</td>
<td>E4<em>06R 02/00</em>123</td>
<td>E4 02</td>
</tr>
</tbody>
</table>

Can GRE support this?
“CPs moment”

Starting from the last (41st) SLR session, a “CPs moment” has been introduced on the agenda.

This is intended to present the SLR results to those CPs that did not have the chance to attend the complete session.

Although all CPs are always invited and encouraged to participate in SLR meetings, the “CPs moment” will be a good opportunity to be updated and ask questions.

The “CPs moment” will become a permanent item on the agenda, foreseen on the last day of the meeting.