

**GRE Informal Working Group on  
Simplification of the UN Lighting and Light Signalling Regulations (SLR)**

**33<sup>rd</sup> meeting**

9-11 October 2019

CLEPA Headquarters  
Cours Saint-Michel 30g, Brussels

**REPORT**

		<b>Documents</b>
<b>1.</b>	<b>Welcome and opening remarks</b> Mr. Rovers, substituting Mr. Loccufier who was not able to attend this session, opened the meeting welcoming all the participants. He recalled the last meeting in Tokyo and thanked the Japanese host, on behalf of whole SLR, for the perfect organization. The Tokyo meeting had further strengthened the team spirit of IWG SLR in his view.	
<b>2.</b>	<b>Introduction of participants and organisations</b> A list of all participants is available in Annex 1 to this Report.	
<b>3.</b>	<b>Adoption of the agenda</b> The agenda was adopted with the insertion of new documents. A revised agenda, reflecting the agreed modifications, was circulated as document SLR-33-08/Rev.1.	<b>SLR-33-08/Rev.1</b>
<b>4.</b>	<b>Approval of the reports of the previous sessions</b> - Report 32 <sup>nd</sup> meeting - Tokyo, 3-5 September 2019 The approval of the report was postponed to the next session.	<b>SLR-32-22</b>
<b>5.</b>	<b>Necessary corrections to the new UN Regulations</b> - <b>UN Regulation No. [148] / LSD (SLR-30-14, for information)</b> Mr. Puglisi recalled that GRE/2019/25 will be addressed at GRE-82. SLR-32-09/Rev.1 will be sent to GRE-82 as an informal document ( <i>now available as GRE-82-27</i> ) to reintroduce the sequential activation of direction indicators for motorcycles and agricultural vehicles.	<b>GRE/2019/25 SLR-32-09/Rev.1 SLR-33-03</b>

	<p>Mr. Bauckhage provided an updated version of SLR-33-03, including the justification for the proposal, which has been circulated as SLR-33-03/Rev.1. This revised proposal, intended to add the missing provision for multiple light source modules that was already present in R-7, was adopted by the SLR and will be submitted to GRE-82 as an informal document (<i>now available as GRE-82-28</i>).</p> <p>The SLR agreed to submit to GRE separate proposals and leave GRE to decide if and how to merge them into one Supplement to R148.</p> <p>Mr. Schwenkschuster pointed out that, in conjunction with the replacement of Figure A3-I with the correct one (as per document GRE/2019/25), Figure A2-I shall also be checked to make sure that it remains readable. Due to some formatting errors, the two Figures are inexplicably connected.</p> <p><b>- UN Regulation No. [149] / RID (SLR-30-01 + 16, for information)</b></p> <p>Mr. Puglisi recalled that GRE/2019/24 will be addressed at GRE-82.</p> <p><i>Note: GRE-82-02 will be addressed by GRE-82 for official endorsement. The same proposal has been submitted to WP.29 as document WP.29/2019/125. It is expected that the EU will be able to vote in favour of this proposal on the assumption that GRE-82 will endorse the need for such a correction. In case GRE-82 will not endorse the document, the proposal will be withdrawn from the WP.29 agenda. In case GRE-82 will endorse the document, but WP.29 will not adopt the proposal, it will stay on the agenda for the March 2020 WP.29 session.</i></p> <p><b>- UN Regulation No. [150] / RRD (SLR-31-01, for information)</b></p> <p>Mr. Puglisi recalled that GRE/2019/26 will be addressed at GRE-82.</p>	<p><b>GRE-82-02 (WP29/2019/125) GRE/2019/24</b></p> <p><b>GRE/2019/26</b></p>
<p>6.</p>	<p><b>Status of corrections to R53</b></p> <ul style="list-style-type: none"> <li>- 01 series of amendments</li> <li>- 02 series of amendments</li> <li>- 03 series of amendments</li> </ul> <p>Mr. Hernandez briefly recalled that the two proposals for the 01 and 02 series of amendments to R53 will be discussed at the 179<sup>th</sup> WP.29 session in November 2019. Regarding the 03 series, he explained that the document GRE/2019/23 is only intended as an administrative tool to make sure that the 03 series (already on the WP.29 agenda for the November 2019 session with document WP.29/2019/80) correctly reflects all the modifications to the 01 and 02 series.</p> <p>Mr. Hernandez furthermore informed that, as suggested at the last SLR session, IMMA has produced document SLR-33-09 to easily identify, by using different colours, all the documents taken into account for producing GRE/2019/23. This document will be sent by IMMA to GRE-82 as an informal document (<i>now available as GRE-82-16</i>).</p>	<p><b>WP.29/2019/86 WP.29/2019/85 GRE/2019/23</b></p> <p><b>SLR-33-09</b></p>
<p>7.</p>	<p><b>Stage 2 simplification – SLR informal submission to GRE-82</b></p> <p><b>- UN Regulation No. [148] / LSD</b></p> <p>Mr. Bauckhage briefly introduced document SLR-33-02, pointing out that it was prepared, as agreed at the last SLR, to align the maximum luminous intensities values for direction indicators indicated in Table 8.</p>	<p><b>SLR-33-02</b></p>

<p>The SLR supported the proposal, and its justification, and agreed to include it in the draft updated consolidation of Reg. 148.</p> <p>Mr. Bauckhage provided an updated version of the draft consolidation of Reg. 148, explaining the most important modifications and how they have been indicated throughout the text. He informed that the updated version, circulated as SLR-33-04/Rev.1, took also into account SLR-33-03/Rev.1 and provided improved justification for each modification. He also pointed out that all the Figures in Annex 2 have been slightly rearranged into tables for better clarity.</p> <p>This revised proposal was adopted by the SLR and will be submitted to GRE-82 as an informal document (<i>now available as GRE-82-30</i>). In the presentation of the work to GRE, it shall be mentioned that the light source technology neutral amendments have first be introduced in R149 (RID) and then, if approved by GRE-82, they will be transposed to R148 (LSD) as well.</p>	<p><b>SLR-33-04</b></p>
<p><b>- UN Regulation No. [149] / RID</b></p> <p>Mr. Puglisi introduced SLR-33-05/Rev.1, explaining that this text was produced to become the new baseline document for Reg. 149, consolidating several proposals at different development stages.</p> <p>Mr. Schlager informed about the modifications concerning light sources that have been introduced and the remaining open points.</p> <p>Several improvements have been made by the participants during the meeting, nevertheless it was not possible to complete the review of the whole document.</p> <p>A complete draft consolidated text of Reg. 149 will not be sent to GRE-82 because not mature enough. However, an overview of the major amendments will be provided as part of the SLR status report to GRE-82. The latest version of the RID document, including a foreword to point out that the text is still under development, was circulated as SLR-33-05/Rev.2.</p>	<p><b>SLR-33-05/Rev.1,</b></p>
<p>Mr. Puglisi, on behalf of Mr. Draper who had to leave the meeting earlier, reported that, to facilitate the discussion, it has been produced - on the basis of documents SLR-32-14, 15 and 16 - a consolidation of the draft GTB amendments to paragraphs 5.1. to 5.4. of Reg. 149 (doc. SLR-33-10).</p>	<p><b>SLR-33-10</b></p>
<p>Mr. Puglisi furthermore informed that, as requested at SLR-32, Mr. Draper produced a comprehensive justification for the Stage 2 amendments to Reg. 149 proposed by GTB. This document was made available as SLR-33-11.</p>	<p><b>SLR-33-11</b></p>
<p>Mr. Blusseau thanked Mr. Draper for producing such a detailed and informative justification and recommended to mention this document in the SLR status report to GRE-82.</p>	
<p><b>- UN Regulation No. [150] / RRD</b></p> <p>Mr. Ewald provided a brief update on the work done with the simplification of the RRD text. He informed that a draft updated consolidation of Reg. 150 has been prepared in two versions: one clean text without changes (doc. SLR-33-14) and another one showing all the modification with track-changes (doc. SLR-33-15).</p>	<p><b>SLR-33-14,</b> <b>SLR-33-15</b></p>

	<p>The SLR agreed to submit as an informal document to GRE-82 (<i>now available as GRE-82-26</i>) a clean copy of the draft updated consolidation of Reg. 150 including some comments in correspondence of the most significant amendments.</p> <p>Mr. Puglisi asked advice concerning the most suitable way to officially present to GRE-83, in April 2020, the proposals to amend the three new UN Regulations. He explained that the usual approach (i.e. bold for new text, strikethrough for deleted text, “<i>Paragraph. xyz, amend to read</i>”, etc.) would not work for the presentation of the Stage 2 package as it would be simply unreadable.</p> <p>The SLR, after an extensive debate, concluded that the best way would be – for each UN Regulation – the submission of one clean official proposal including the main justifications and one track-change version informal proposal to show where the main amendments are throughout the text.</p> <p>The SLR also considered whether the Stage 2 package would constitute a new series of amendments or just a supplement. In general, after a first exchange of views, the opinion of the participants was that for Regs. 148 and 149 a new series of amendments seem more appropriate, while for Reg. 150 a supplement likely would be sufficient. However, the discussion on this matter will resume when the contents of the proposals will be more mature.</p>	
8.	<p><b>Clarification on the application of current UN Regulations after entry into force of Stage 1</b></p> <p>The SLR briefly resumed this discussion and agreed, to avoid any future misunderstanding on this subject, to ask the GRE Secretary to make a statement during the GRE-82 session to clarify that, since there is no change in the contents of the Regulations, the entry into force of the new series of amendments for the existing device Regulations does not require changes in the approval number.</p> <p><i>Note: the statement was made and correctly recorded in the official GRE-82 Report (see ECE/TRANS/WP.29/GRE/82, Par. 15).</i></p>	
9.	<p><b>Deletion of Side Parking Lamps</b></p> <p>The SLR, further to the endorsement declared by OICA, IMMA and CEMA, confirmed its decision to delete the side mounted parking lamps, but not as a matter of urgency. In addition to Reg. 148, Reg. 48 (Par. 6.12.3.) and Reg. 86 (Par. 6.11.) will also need to be amended. This topic will be kept on the agenda for being addressed at a later SLR session.</p>	
10.	<p><b>How to move forward with Stage 2 simplification of R-149</b></p> <p>Mr. Draper briefly introduced document SLR-33-13 as a response to the questions from Poland regarding R149 Stage 2. The document will be posted on the SLR website.</p> <p>Mr. Grigorescu introduced document SLR-33-01 recalling that it was produced as requested during SLR-32. He pointed out that the document is incomplete because, after an initial exchange with Mr. Targosinski, no further progress could be made.</p>	<p><b>SLR-33-13</b></p> <p><b>SLR-33-01</b></p>

	<p>Mr. Targosinski presented document SLR-33-07 explaining that it represents an alternative comparison table to show the most important items in the existing and new proposed RID requirements.</p> <p>The SLR acknowledged the work done by Mr. Targosinski, nevertheless it did not reflect the agreement reached at the 32<sup>nd</sup> session. Considering the limited time available for delivering a simplified R-149, the general support expressed already by the group for the approach presented by GTB (see doc. SLR-30-11) and the advanced stage of work in that direction, the SLR decided to stick to the original plan without further deviations.</p>	<b>SLR-33-07</b>
<b>11.</b>	<p><b>Headlamp levelling; review GRE/2019/03 and solve the text in square brackets on the basis of the agreed “red box” (GRE-81-21) and taking into account SLR-31-03</b></p> <p>Mr. Goldbach introduced document SLR-33-12 pointing out the changes and improvements made to the originating document GRE/2019/03, as amended by the “red box” agreed at GRE-81 (see ECE/TRANS/WP.29/GRE/81, Annex II).</p> <p>Mr. Pamart suggested to use the dotted lines, like in GRE-81-21, in the proposed diagram in Par. 6.2.6.1.2. for installation up to 1,5 metres. He also commented that, to limit the proliferation of different series of amendments, this proposed amendment should be included as part of the 08 series of amendments to R48, instead of a dedicated 09 series.</p> <p>Further improvements to the proposal have been agreed by the SLR, i.e. correct values in the proposal to reflect the values in the diagram and include CoP tolerances in the diagram.</p> <p>OICA will send to Mr. Puglisi a revised version of document SLR-33-12, reflecting the amendments agreed at SLR-33. The revised text will be circulated as SLR-33-12/Rev.1 and sent to GRE-82 as an informal document (<i>now available as GRE-82-25</i>).</p>	<b>SLR-33-12</b>
<b>12.</b>	<p><b>Unique Identifier; updated presentation based on SLR-32-03</b></p> <p>Mr. Bauckhage introduced the updated presentation on Unique Identifier, document SLR-33-16, explaining the improvements made on the basis of the previous version (doc. SLR-32-03).</p> <p>The SLR observed that while the UI shall be visible after installation, the markings may not necessarily be visible. Nevertheless, it was concluded that further discussion will be necessary to understand what shall be visible, what shall be marked and for what purpose.</p> <p>SLR-33-16 will be sent to GRE-82 as an informal document (<i>now available as GRE-82-31</i>). It will be presented at the GRE session by Mr. Bauckhage.</p>	<b>SLR-33-16</b>
<b>13.</b>	<p><b>Updated list of potential candidate functions for GTRs</b></p> <p>For lack of time this item was postponed to the next SLR session.</p>	<b>SLR-31-02</b>
<b>14.</b>	<p><b>Input from CEMA, if any, on R149 (RID), R86 and other simplification related matters</b></p> <p>Mr. Tissier informed that CEMA will provide some updates for the next SLR session as well as a draft amendment to align the requirements of Reg. 86 with the present requirements of Annex XII to Regulation (EU) 2015/208.</p>	<b>SLR-30-10</b> (for info)

15.	<p><b>UN Regulation No. 48.06 – Inconsistencies between Rev. 7 (Suppl. 11) and Rev.8 (Suppl. 12)</b></p> <p>Mr. Goldbach informed about the need for an urgent correction to fix the definition of “Lamp” and to reintroduce the definition for “External status indicator” in the 06 series of amendments to Reg. 48 (i.e. the Suppl. 12 reflected in the Rev.8).</p> <p>The SLR agreed to fix this inconsistency and charged the SLR officers to contact the GRE Secretariat to find the most suitable way to solve this issue.</p>	
16.	<p><b>Any Other Business</b></p> <p>Mr. Hernandez briefly introduced the IMMA proposal to amend R53 and R149 in order to allow ADB for motorcycles. He informed that this proposal will be submitted by IMMA to GRE-82 as an informal document (<i>now available as GRE-82-13</i>).</p>	<b>SLR-33-06</b>
17.	<p><b>Next meeting(s)</b></p> <p>The SLR agreed the following meeting schedule:</p> <ul style="list-style-type: none"> <li>➤ <b>34<sup>th</sup> SLR meeting</b> – Brussels (BE) on 4-6 November 2019</li> <li>➤ <b>35<sup>th</sup> SLR meeting</b> – Brussels (BE) on 11-13 December 2019</li> <li>➤ <b>36<sup>th</sup> SLR meeting</b> – Brussels (BE) on 8-10 January 2020</li> <li>➤ <b>37<sup>th</sup> SLR meeting</b> – Brussels (BE) on 2-4 March 2020</li> </ul> <p>Unless otherwise specified, the meetings in Brussels are held at the CLEPA Headquarters in Cours Saint-Michel 30g and WebEx connection is always provided. The starting time on the first day is 13:00 hrs and the finish time is 12:30 hrs on the last day of meeting.</p>	
18.	<p><b>Closure</b></p> <p>Mr. Rovers thanked all the participants for their fruitful contribution and closed the meeting.</p>	

## Annex 1 to SLR-33-17

### Participation at 33<sup>rd</sup> SLR meeting 9-11 October 2019

IN PERSON	WEBEX/TELEPHONE
Mr. Aleksander LAZAREVIC (EC, SLR Vice-Chair) – 10 Oct	Mr. Gert LANGHAMMER (CLEPA)
Mr. Davide PUGLISI (GTB, SLR Secretary)	Mr. Tomasz TARGOSIŃSKI (PL)
Mr. Derwin ROVERS (NL)	Mr. Lukas SCHWENKSCHUSTER (GTB)
Mr. Jürgen EWALD (CLEPA)	Mr. Eric BLUSSEAU (GTB) – 10, 11 Oct
Mr. Pere HERNANDEZ (IMMA)	Ms. Aurélie BERTHEL (OICA) – 10, 11 Oct
Mr. Jean-Marc PRIGENT (OICA) – 10, 11 Oct	Mr. Thomas BAUCKHAGE (CLEPA)
Mr. Frédéric HAY (CLEPA)	Mr. Takahiro KOYAMA (JP)
Mr. Walter SCHLAGER (IEC)	Mr. Varun SHARMA (IMMA)
Mr. Beny GRIGORESCU (GTB)	Mr. Michael PERNKOPF (GTB)
Mr. Geoff DRAPER (GTB) – 9, 10 Oct	Mr. Thomas SCHRAMM (OICA) – 10 Oct
Mr. Antoine PAMART (FR) – 9, 10 Oct	Mr. Subrat DASH (IMMA) – 10, 11 Oct
Mr. Philipp PLATHNER (IEC)	Mr. Thomas GOLDBACH (OICA) – 10, 11 Oct
Mr. Paul-Henri MATHA (OICA) – 9, 10 Oct	
Mr. Christophe TISSIER (CEMA) – 10, 11 Oct	

Apologies:

Mr. Michel LOCCUFIER (BE, SLR Chair)

Mr. Karl MANZ (DE)