

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

**31<sup>st</sup> meeting**

3-5 July 2019

CLEPA Headquarters  
Cours Saint-Michel 30g, Brussels

**REPORT**

		<b>Documents</b>
<b>1.</b>	<b>Welcome and opening remarks</b> Mr. Loccufier opened the meeting welcoming all the participants.	
<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-30-04/Rev.1.  Concerning item 13, Mr. Targosinski asked GTB to consider document GRE-81-22 and to provide feedback. Mr. Puglisi clarified that the document was not intended for consideration by GTB because it was the Polish response to the SLR request for advice made at GRE-81. Nevertheless, he added that, if possible, GTB will devote some time at its next meetings in July to study the document and provide feedback.	<b>SLR-31-04/Rev.1</b>
<b>4.</b>	<b>Approval of the reports of the previous sessions</b> - Report 28 <sup>th</sup> meeting - Brussels, 25-27 February 2019 - Report 29 <sup>th</sup> meeting - Brussels, 27-29 March 2019 - Report 30 <sup>th</sup> meeting - Brussels, 22-24 May 2019  The approval of the reports was postponed to the next session.	<b>SLR-28-19</b> <b>SLR-29-10</b> <b>SLR-30-23</b>

	<p><b>Necessary corrections to the new UN Regulations</b></p> <ul style="list-style-type: none"> <li>- <b>UN Regulation No. [148] / LSD (SLR-30-14, for information)</b></li> <li>- <b>UN Regulation No. [149] / RID (SLR-30-01 + 16, for information)</b></li> </ul> <p>Mr. Puglisi recalled that the SLR agreed, at its 30<sup>th</sup> session, to submit documents SLR-30-01, 14 and 16 to GRE-82 as official proposals. He added that the GRE Secretariat has been consulted in order to find the most appropriate way to quickly introduce the corrections indicated in document SLR-30-01. Further to such consultation it was agreed that the in parallel to the SLR submission to GRE-82, the GRE Chairman will send the proposal to WP.29 with the aim of having it on the agenda, as an official document, for its 179<sup>th</sup> session in November 2019. In this way the proposal will be ready for voting 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.</p> <p><b>5. - UN Regulation No. [150] / RRD</b></p> <p>Mr. Ewald briefly introduced document SLR-31-01, pointing out that the proposal aims at inserting in the new paragraph 3.3.4.2.1. the provisions contained in Reg. 3, paragraph 4.1.2., that unintentionally were not included in the text of the new UN Regulation No. [150].</p> <p>Mr. Koyama pointed out that the paragraph 3.3.2.2. should be corrected to read “<i>The approval number prescribed in paragraph 3.2.3.2.</i>” because paragraph 3.2.3.2. does not exist in the text.</p> <p>The SLR agreed to submit SLR-31-01, including the correction to Par. 3.3.2.2., to GRE-82 as official document.</p> <p>Mr. Ewald also reported that the examples of approval marks in Annex 24 of the new UN Regulation No. [150] should be fixed. He informed that, if possible, a first draft updated proposal to amend the RRD Regulation should be available for the SLR-32. The target for the final text is December 2019, in time for submission as official document to GRE-83.</p>	<p><b>SLR-31-01</b></p>
<p><b>6.</b></p>	<p><b>Correction to R53-01 and R53-02</b></p> <p><i>For information, see:</i></p> <ul style="list-style-type: none"> <li>- GRE/2018/15, GRE-79-13 (Class CS)</li> <li>- GRE/2018/35, GRE-80-05, WP.29/2019/17 (Definitions)</li> <li>- WP.29/2018/105 (R53.01)</li> <li>- WP.29/2018/104/Rev.1 (R53.02)</li> </ul> <p>Mr. Hernandez provided a comprehensive introduction on the issue identified by IMMA with UN Regulation No. 53. He explained that the proposed amendment to R53 (namely doc. SLR-31-08/Rev.1 for the 01 series and doc. SLR-31-09 for the 02 series) is aimed at restoring the requirements for installing driving beams for motorcycles having a cylinder capacity &gt; 125 cm<sup>3</sup>. Such provisions have been inadvertently omitted when references to the new simplified Regulations on LSD, RID and RRD have been introduced to UN Regulation No. 53. He added that doc. SLR-31-09 also provides the correct list of definitions from Par. 2.10. until 2.20.</p> <p>The SLR unanimously agreed to introduce the corrections identified by IMMA as a matter of urgency.</p>	<p><b>SLR-31-08/Rev.1</b> (R53.01)</p> <p><b>SLR-31-09</b> (R53.02)</p>

	<p>Mr. Puglisi will contact the GRE Secretariat to find the quickest way to introduce such corrections. It was observed that these corrections should be submitted by the GRE Secretariat to WP.29 since the errors occurred between GRE and WP.29, i.e. after the SLR submission. If necessary, a WebEx will be organised, involving also Mr. Hernandez, to provide all the necessary clarifications to the GRE Secretariat.</p> <p>Mr. Hernandez also introduced document SLR-31-10 pointing out that the purpose of the document is to align the 03 series of amendments to UN Regulation No. 53 with the latest proposals adopted by GRE regarding the 01 and 02 series. He informed that IMMA will send SLR-31-10 (R53.03) to GRE-82 as supplement 01 to the 03 series of amendments.</p>	<p><b>SLR-31-10</b> (R53.03)</p>
<p>7.</p>	<p><b>Light Source proposal concerning LSD and RID Regulations</b> (See SLR-29-05, SLR-30-02 and SLR-30-22 for information)</p> <p>Mr. Schlager introduced document SLR-31-07 pointing out the main improvements made on the basis of the results from the last meeting (see SLR-30-22). He explained the various options indicated in the presentation and the comments raised during the preparation of the document.</p> <p>The SLR discussed about which level the run-up requirements should be based on since they should be open for unknown technology in the future. It was recalled that the requirements shall be function-related and not technology-related. For this reason, the testing requirements shall be split from the function requirements, nevertheless the testing shall not be done unnecessarily but only if needed (this should be specified in Par. 4).</p> <p>Mr. Schlager prepared a revised presentation based on the results of discussion on SLR-31-07. The SLR briefly addressed this document (distributed as SLR-31-13) on the 3<sup>rd</sup> day of meeting. The progress made was recognised by the SLR but no final agreement could be taken because the participants had not enough time to properly study the document.</p> <p>Mr. Schlager and Mr. Plathner will prepare for SLR-32 a revised proposal on the basis of document SLR-31-13, as discussed during SLR-31 and taking into account any further input from SLR members. The discussion will resume at the SLR-32 session in September 2019 based on the new text.</p>	<p><b>SLR-31-07</b></p> <p><b>SLR-31-13</b></p>
<p>8.</p>	<p><b>Stage 2 simplification – SLR informal submission to GRE-82</b> <b>- UN Regulation No. [148] / LSD</b></p> <p>Mr. Bauckhage informed on the latest status of work in GTB concerning the Stage 2 simplification for the LSD Regulation. He announced that GTB will provide proposals for consideration at SLR-32 reflecting the outcome of discussions, in particular concerning the following: simplification of Table 1, clarifications in Table A2-1, rearrangement of Par. 5, Failure provisions, Colour provisions.</p> <p>Following the same approach used for the RID (see SLR-31-05/Rev.1), the next step will be the production of a consolidated version of the LSD Regulation, taking all the modifications agreed by SLR into account, as well as document SLR-26-01 (agreed at SLR-26). Such a consolidated document will become the updated baseline to be used for further amendments (e.g. by IEC concerning light sources).</p>	

	<p>Concerning the proposal to delete Side Parking Lamps (see SLR-30-13), the SLR confirmed its preference to delete such lamps, pending final confirmation from OICA at SLR-32. To this end OICA was requested to be ready to confirm, or not, such a decision at SLR-32. In case the decision to delete the Side Parking Lamps will finally be confirmed at SLR-32, a collective amendment will be prepared for GRE-82 addressing Regulations Nos. 48, 53, 74, 86 and 148.</p> <p><b>- UN Regulation No. [149] / RID</b></p> <p>Mr. Hay informed on the latest status of work in GTB concerning the Stage 2 simplification for the RID Regulation. He announced that GTB is preparing proposals to rewrite paragraph 5 for consideration at SLR-32. The proposals will be provided in separate documents to be consolidated in a second step, based on the latest baseline available of the RID Regulation.</p> <p><b>- UN Regulation No. [150] / RRD</b></p> <p>Mr. Ewald, based on document SLR-31-12, provided a brief update on the work done with the simplification of the RRD text. He asked if the table for the chronological order of the various tests could be merged and/or simplified. Mr. Manz believed that maybe some parts could be simplified.</p> <p>Mr. Ewald will prepare an updated version of the RRD Regulation, combining Par. 5.1. to 5.3. and Par. 5.4. to 5.8. as well as combining the tables for reflectors and for markings, for consideration at the SLR-32.</p>	<b>SLR-31-12</b>
<b>9.</b>	<p><b>Baseline document for draft UN Regulation No. [149] / RID</b></p> <p>Mr. Langhammer briefly introduced SLR-31-06/Rev.1 pointing out that the document is the latest RID baseline available and, for transparency, this was also distributed with track changes (see SLR-31-05/Rev.1). This document, based on the R-149 text agreed by WP.29 (i.e. WP.29/2018/158/Rev.1), includes also the revised Annexes 5 and 6 as well as the reorganised CoP provisions.</p> <p>The SLR agreed that the document SLR-26-03 (agreed at SLR-26) does no longer need to be considered since it has been incorporated into SLR-31-06/Rev.1 (Annex 6, Par. 2.2.2.) taking into account document SLR-28-04/Rev.1.</p> <p>The next steps agreed by the SLR will be the introduction of technology neutral provisions for light sources and the updated beam patterns. The final goal will be to present at the GRE-82 in October an informal RID text including all these draft amendments.</p>	<b>SLR-31-05/Rev.1</b> <b>SLR-31-06/Rev.1</b>
<b>10.</b>	<p><b>Amendments to R-48 in conjunction with R-149 (RID) Stage 2</b></p> <p>Mr. Goldbach briefly introduced the topic explaining that it raised in a recent GTB meeting. The subject about how to integrate the new RID beams in R48 will be further discussed by GTB in the next weeks to see how to proceed.</p>	
<b>11.</b>	<p><b>Rearrangement of CoP requirements for R-150 (RRD)</b></p> <p>The SLR briefly resumed the discussion concerning where the CoP requirements should be located and agreed to further investigate whether R148 (LSD) and R150 (RRD) shall be aligned with R149 (RID) with regards to CoP requirements. The discussion will resume at the next session.</p>	

<p>12.</p>	<p><b>Clarification on Stage 1 Transitional Provisions</b></p> <p>Mr. Koyama asked clarifications concerning how to proceed with type approval during the transitional provisions. He explained that, according to the signature date of the Depository Notifications, the entry into force of the 3 new UN Regulations is expected on 15 November 2019. For 24 months since this date (i.e. until 15 November 2021) it will be possible to use either the existing UN device Regulations or the new UN Regulation No. [148] for new approval. Nevertheless, the new series of amendments to the existing device Regulations contained only transitional provisions and did not introduce any new technical requirements (e.g. for Reg. 6 see WP.29/2018/93/Rev.1), therefore it should be possible to still use the marking of the previous series of amendments.</p> <p>The SLR confirmed that, for the reasons explained by Mr. Koyama, during the 24 months of transitional provisions it will be possible to use the marking of the previous series of amendments. This is the same approach adopted by WP.29 in 2001, when Regulations Nos. 1, 8, 20, 56, 57, 72, 76 and 82 have been replaced by Regulations Nos. 112 and 113.</p> <p><i>Note: footnote 1 explicitly allows this by stating the following: “Not requiring changes in the approval number (TRANS/WP.29/815, para. 82)”.</i></p>	
<p>13.</p>	<p><b>Glare and Visibility issue; how to move forward</b></p> <p>Mr. Draper introduced document SLR-31-11 pointing out that it represents the GTB attempt to find agreement on a common position between Poland and GTB in order to unblock the ongoing glare and visibility debate in SLR.</p> <p>Mr. Targosinski repeated the comments and doubts expressed by Poland at the 81<sup>st</sup> GRE session (see informal document GRE-81-22) and asked GTB to consider the Polish paper to provide feedback. He suggested, as an option, to keep the RID Regulation as today rather than amending it as proposed by GTB. Mr. Draper replied that leaving the RID Regulation unchanged will maintain the 1000 lumen minimum requirement for LED modules which is not appropriate.</p> <p>Mr. Manz reported that GTB is going in the right direction but it could be further improved in the future.</p> <p>Mr. Langhammer observed that an “evolution” approach, as proposed by GTB, can be delivered in time according to the agreed Terms of Reference while a “revolution” approach would take long time.</p> <p>Mr. Genone shared the same opinion and pointed out that GRE has an urgency to see some concrete results and a revolutionary approach would not work. He recommended SLR to go to GRE with good justifications in order to succeed.</p> <p>Mr. Grigorescu informed that it would be very difficult to put into practice the Polish proposal and keeping the existing Regulations unchanged would not really be an option.</p> <p>The SLR reiterated its support to the approach presented by GTB (see document SLR-30-11) with the only exception of Mr. Targosinski who was not in favour (study reservation).</p>	<p><b>SLR-31-11</b></p>

<p>14.</p>	<p><b>Headlamp levelling; review GRE/2019/03 taking into account the “red box” (GRE-81-21) and solve the text in square brackets</b>  <b>- Polish revised proposal for “red box”</b>  <b>- GTB input to SLR-31 on headlamp levelling</b></p> <p>Mr. Draper showed some slides from a brief presentation that he produced to summarise the history of the debate in GRE concerning headlamp levelling and to point out how the current “red box” has been reached. He explained that the slides are intended only to introduce the subject and not for distribution as SLR document, since they do not offer any new information.</p> <p>Mr. Rovers recalled the outcome of discussion at the 81<sup>st</sup> GRE session where the “red box” was agreed. In particular: <i>“Following an in-depth consideration, GRE agreed on a modified diagram (GRE-81-21 and Annex II) and requested IWG SLR to prepare, on the basis of the new diagram, a revised proposal for consideration at the next session.”</i> (excerpt of ECE/TRANS/WP.29/GRE/81, para. 10).</p> <p>In view of the GRE agreement on this specific matter, the SLR decided not to discuss document SLR-30-21.</p> <p>OICA informed that will produce a proposal, based on the “red box” agreed at GRE-81 and taking into account document SLR-31-03, for initial consideration and comments at SLR-32. The discussion will resume at SLR-33 in October 2019 with the objective to agree on a proposal for informal submission to the 82<sup>nd</sup> GRE session.</p> <p><i>Note: Mr. Targosinski, in response to the slides showed by Mr. Draper, produced a paper that subsequently has been distributed as document SLR-31-14/Corr.1. This document will be on the agenda of SLR-32.</i></p>	<p><b>SLR-30-21</b>  <b>SLR-31-03</b></p>
<p>15.</p>	<p><b>Unique Identifier and its impact/usage in LSD/RID/RRD Regulations</b>  <b>- DETA latest Guidelines for application of the Unique Identifier (UI)</b>  <b>- DETA Report to the 178<sup>th</sup> WP.29</b></p> <p>Mr. Pamart provided a brief synthesis of the main results from the last (35<sup>th</sup>) DETA meeting held in Paris on 20 June 2019. He reported that document GRE-81-20 was showed to explain the marking issue identified by the SLR and discussed at the last GRE session. Mr. Pamart furthermore informed that, at the 178<sup>th</sup> WP.29 session in June 2019, following the DETA recommendation, GRs were invited, in the context of UI, to consider whether current additional marking provisions were still to be considered part of the approval marking and could be replaced by the UI marking, or these additional markings have an information character and could be provided by alternative means (e.g. insertion in the Communication Form). This was necessary as the current version of the software was not able to render all marking variations.</p> <p>The SLR agreed that the access rights to the DETA are a key point for the successful implementation of the system. It was noticed that for the current start-up phase this is very restrictive and, according to Annex V to the Report on the 177<sup>th</sup> WP.29 session, even the police or PTI are not allowed to access the database.</p> <p>Mr. Prigent informed that OICA made a comprehensive proposal to DETA (see DETA-34-12) but this has not been adopted.</p>	<p><b>WP.29-178-24</b>  <b>WP.29-178-22</b></p>

	<p>The SLR recognised that the Unique Identifier (UI) could bring benefits but not in the present form. The original objective was to replace complex markings and put in an accessible database most of the information, however this seems not to be possible.</p> <p>Mr. Bauckhage and Mr. Grigorescu will update document GRE-81-20 to highlight the following issues:</p> <ul style="list-style-type: none"> <li>• What, when and where marking shall be visible</li> <li>• What was expected from the UI and what so far has been achieved</li> <li>• What are the benefits of using the UI today</li> <li>• What are the potential benefits (best case) assuming DETA + UI + Revised Access Rights (to include also enforcement, PTI and a public access) are in place</li> <li>• As a practical example, add slide 11 from doc. SLR-20-08, pointing out that currently such a product cannot be put on the market due to marking requirements</li> </ul> <p>The revised presentation on UI will be reconsidered at SLR-32 and then finalised at SLR-33 prior to submission to GRE-82 as an informal document.</p>	
16.	<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>	SLR-31-02
17.	<p><b>Input from CEMA, if any, on R149 (RID), R86 and other simplification related matters</b></p> <p>No input was received from CEMA.</p>	
18.	<p><b>Any Other Business</b></p> <p>There was no other business for discussion.</p>	
19.	<p><b>Next meeting(s)</b></p> <p>The SLR agreed the following meeting schedule:</p> <ul style="list-style-type: none"> <li>➤ <b>32<sup>nd</sup> SLR meeting</b> – Tokyo (JP) on 3-5 September 2019</li> <li>➤ <b>33<sup>rd</sup> SLR meeting</b> – Brussels (BE) on 9-11 October 2019</li> <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> </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> <p><i>Note: for the 32<sup>nd</sup> meeting, the SLR Secretary will ask the Japanese host if it would be possible to shift the meeting time to 10:00 / 18:00 hrs, thus providing more useful time window for WebEx participants from Europe.</i></p>	SLR-30-08/Rev.1
20.	<p><b>Closure</b></p> <p>Mr. Loccufier thanked all the participants for their fruitful contribution and closed the meeting.</p>	

## Annex 1 to SLR-31-15

### Participation at 31<sup>st</sup> SLR meeting 3-5 July 2019

<b>IN PERSON</b>	<b>WEBEX/TELEPHONE</b>
Mr. Derwin ROVERS (NL) – 4-5 July only	Mr. Philipp PLATHNER (IEC)
Mr. Michel LOCCUFIER (BE, SLR Chair)	Mr. Geoff DRAPER (GTB) – 4 July 2019
Mr. Aleksander LAZAREVIC (EC, SLR Vice-Chair) – 4 July only	Mr. Lukas SCHWENKSCHUSTER (GTB)
Mr. Davide PUGLISI (GTB, SLR Secretary)	Mr. Thomas GOLDBACH (OICA)
Mr. Frédéric HAY (CLEPA)	Mr. Tomasz TARGOSIŃSKI (PL)
Mr. Jürgen EWALD (CLEPA)	Mr. Subrat DASH (IMMA)
Mr. Thomas BAUCKHAGE (CLEPA)	Mr. Varun SHARMA (IMMA)
Mr. Takahiro KOYAMA (JP)	Mr. Gert LANGHAMMER (CLEPA)
Mr. Walter SCHLAGER (IEC)	Mr. Beny GRIGORESCU (GTB)
Mr. Erik VANDERVREKEN (CLEPA)	Mr. Michael PERNKOPF (GTB)
Mr. Pere HERNANDEZ (IMMA)	Mr. Karl MANZ (DE)
Mr. Jean-Marc PRIGENT (OICA)	Mr. Rainer KRAUTSCHEID (DE)
Ms. Aurélie BERTHEL (OICA)	Mr. Thomas SCHRAMM (OICA) – 4 July only
Mr. Wilfried VAN LAARHOVEN (NL) – 3-4 July only	Ms. Julia BRAEUTIGAM (DE)
	Mr. Valter GENONE (GTB) – 4-5 July only
	Mr. Antoine PAMART (FR) – 5 July only