

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

29th meeting

27-29 March 2019

CLEPA Headquarters
Cours Saint-Michel 30g, Brussels

REPORT

		Documents
1.	Welcome and opening remarks Mr. Loccufier, Chairman of the Informal Working Group, opened the session welcoming all the participants. He thanked the whole SLR group for the great achievements so far, as two weeks ago finally Stage 1 of the Simplification was officially adopted by WP.29.	
2.	Introduction of participants and organisations A list of all participants is available in Annex 1 to this Report.	
3.	Adoption of the agenda The agenda was adopted with the insertion of several new documents. A revised agenda, reflecting the agreed modifications, was circulated as document SLR-29-01/Rev.1.	SLR-29-01/Rev.1
4.	Approval of the report of the previous session - Report 28 th meeting - Brussels, 25-27 February 2019 The approval of the report was postponed to the next session.	SLR-28-19
5.	Adoption of Stage 1 package at the 177th WP.29 session Mr. Puglisi reported on the successful outcome of the recent WP.29 session where the complete Stage 1 package has been adopted. He also showed on the screen a summary of the complete set of documents actually being adopted, pointing out the amendments agreed by GRE-80 which will be submitted to WP.29 at its November 2019 session. <i>Note: this summary is available in Annex 2 to this Report.</i>	

	<p>Necessary corrections to the new UN Regulations</p> <p>Mr. Puglisi informed about some typos in Figure A3-I of the LSD Regulation (doc. ECE/TRANS/WP.29/2018/157). It was observed that the typos only appeared in the English version, while the French and Russian versions were correct.</p> <p>6. Mr. Langhammer reported that, by mistake, the provisions from Regulation No. 98, Par. 6.1.7., have not been included in the adopted RID text (doc. ECE/TRANS/WP.29/2018/158/Rev.1). He will prepare a corrigendum for the RID in order to insert in paragraphs 5.1. and 5.2. the missing provisions.</p> <p>Mr. Puglisi will contact the GRE Secretariat to find the most suitable way to correct the LSD and RID Regulations.</p>	
7.	<p>Light Source proposal concerning LSD and RID Regulations on the basis of SLR-28-09/Rev.1</p> <p>Mr. Schlager introduced document SLR-29-05 pointing out the most important modifications, concerning the light sources, proposed to the text of the RID Regulation.</p> <p>Mr. Plathner presented document SLR-29-06, addressing the light sources topics in the LSD Regulation. He explained and provided examples of the idea for a new structure of the technical requirements, currently under Par. 4. The SLR had a long discussion on slide No.8, concerning the difference among light sources, which eventually resulted in a revised slide circulated as document SLR-29-06/Rev.1.</p> <p>Mr. Schlager and Mr. Plathner will prepare for SLR-30 updated proposals on the basis of SLR-29-05 and SLR-29-06/Rev.1, taking into account the feedback from GRE-81 in April 2019.</p>	<p>SLR-29-05 (RID)</p> <p>SLR-29-06 (LSD)</p>
8.	<p>Progress on LSD and RID Stage 2 simplification</p> <p>Mr. Schwenkschuster introduced document SLR-29-03 explaining the contents of the first proposal for amendments to the new LSD Regulation. Concerning the proposed modifications to Par. 4.5.1. and the deletion of Par. 4.5.2. the SLR agreed to keep them unchanged for the time being.</p> <p>All SLR members were invited to reconsider this proposal and provide justifications for keeping, or for deleting, Par. 4.5.2.</p> <p>Mr. Schwenkschuster also introduced SLR-29-04/Rev.1 pointing out that it was intended as an informal document only for feedback. The proposal for a fixed structure of Par. 5 received full support from the SLR.</p> <p>8. Mr. Schwenkschuster informed that a status report and, if possible, a first complete draft LSD document will be available for the SLR-30 in May 2019.</p> <p>Mr. Hay reported that the work on the simplification of the RID Regulation is in progress. He informed that a status report and, if possible, a first complete draft updated RID document will be available for the SLR-30 session in May 2019. The SLR recalled that document GRE-76-04/Rev.1 shall be taken into account when preparing the tables for the passing beam. Moreover, the input from CEMA on the beam patterns shall also be taken into account (<i>see item 16</i>).</p> <p>As agreed at the last session, no progress report on the RRD Regulation was considered during SLR-29. A first complete draft RRD text with the</p>	<p>SLR-29-03</p> <p>SLR-29-04/Rev.1</p>

	proposed modifications will be considered, if possible, at the 30 th SLR session in May 2019.	
9.	<p>Resume discussion on “Factors influencing glare”</p> <p>Mr. Puglisi informed that no input was received since the last session on document SLR-27-10/Rev.1. He renewed the invitation to all SLR members to study this document and provide feedback for consideration at the next session in May 2019. It was also observed that the results of several GTB studies presented to GRE in the past should be taken into account, such as GRE-65-17, GRE-68-38, GRE-68-39 and GRE-68-40. In this context, Mr. Plathner recalled a study from Dr. Rosenhahn about factors on glare, which was also part of the special GTB WG.</p> <p>Mr. Bauckhage announced that Mr. Locher will join the next SLR session via WebEx to provide details and updates on his studies concerning glare.</p> <p>- Letter from a citizen regarding the issue of glare received by the EC</p> <p>The discussion of this document was postponed to the next SLR session.</p>	<p>SLR-27-10/Rev.1</p> <p>SLR-28-05</p>
10.	<p>Resume discussion on “performance based”</p> <p>- Polish suggestions and clarifications</p> <p>Mr. Targosinski introduced document SLR-28-11/Rev.1, explaining in details the clarifications provided. The SLR took note of the explanations provided and agreed on the importance to describe somewhere what is meant by “performance”.</p> <p>The discussion will continue at the next meeting with the objective to reach a common understanding on the meaning of “performance”.</p> <p>Mr. Targosinski was invited to provide, for the next meeting, a simple table with concrete examples of what he would like to propose vs. what is currently in the Regulations.</p>	SLR-28-11/Rev.1
11.	<p>Resume discussion on where CoP requirements should be located</p> <p>Mr. Langhammer introduced documents SLR-29-07 and SLR-29-08 explaining his proposal for restructuring the RID text concerning the CoP requirements. He informed that all the CoP provisions should be moved to a new paragraph 6 titled “Conformity of Production” while the minimum requirements should stay where they currently are in the Annexes 2 and 3.</p> <p>Mr. Langhammer will provide Mr. Puglisi with a proposal to amend the RID Regulation concerning the CoP provisions (based on SLR-29-07 and 08).</p> <p>The “homework teams” for LSD and RRD were invited to do a similar exercise and check where the current CoP requirements are located in the new Regulations: main body vs. Annexes. The discussion will resume at the next session in order to have a consistent approach, if possible, within the 3 new Regulations.</p>	<p>SLR-29-07</p> <p>SLR-29-08</p>
12.	<p>Draft new Annexes 5 and 6 for RID on the basis of SLR-28-04/Rev.1, SLR-28-08/Rev.1 and SLR-28-18/Rev.1</p> <p>Mr. Grigorescu briefly presented documents SLR-28-04/Rev.1 and SLR-28-08/Rev.1 to provide a comprehensive introduction of the work done with Annexes 5 and 6 to the new RID Regulation. He subsequently introduced document SLR-29-02/Rev.1 reflecting, in the actual RID text, all the modifications previously explained.</p>	SLR-29-02/Rev.1

	Mr. Grigorescu will verify all the cross-references in SLR-29-02/Rev.1 and inform the SLR accordingly at the next session.	
13.	<p>Draft SLR Report to GRE-81</p> <p>Mr. Puglisi will prepare a status report for GRE-81 including the following topics agreed by SLR:</p> <ul style="list-style-type: none"> - Re-arrangement of the specific technical provisions in paragraph 5 of the LSD Regulation (slide 1 from document SLR-29-04-Rev.1) - Improved and simplified beam patterns in RID Regulation (slide 3 from document SLR-28-13) <p>The SLR agreed to include, as part of the status report, a request for advice to GRE concerning Headlamp provisions, Light Sources and Unique Identifier.</p> <p><i>Note: the SLR report to GRE-81 is available as document GRE-81-19.</i></p>	
14.	<p>Updated list of potential candidate functions for GTRs</p> <p>SLR members were reminded to study document SLR-27-02/Rev.1 and to provide additional input, including functions which are not today in Reg. 48 (e.g. cargo lamp). It was recommended to work on non-FMVSS regulated functions and, in any case, it will be fundamental to involve also USA and China in the debate. The discussion will resume at the next session based on the input received.</p>	SLR-27-02/Rev.1
15.	<p>Resume discussion on the Unique Identifier and its impact/usage in LSD/RID/RRD</p> <p>Mr. Bauckhage introduced a draft document prepared to summarise the main issues identified so far concerning the Unique Identifier.</p> <p>Mr. Grigorescu, referring to document SLR-21-02, commented that the UI should replace the highest number of markings in order not to prevent some technical solutions just because of the limited size of the device.</p> <p>The SLR observed that, although all approval markings would disappear with the UI, some should still remain for replacement purposes. A possible alternative could be to provide the necessary information on the package for spare parts and save space on the device. The SLR furthermore concluded that both the police and PTI should have access to the DETA for enforcement purposes.</p> <p>The SLR agreed to take this subject to the attention of GRE. To this end Mr. Grigorescu and Mr. Bauckhage were requested to draft a presentation for GRE-81 on the impact/usage of the UI in LSD/RID/RRD. The presentation should be based on the draft prepared by Mr. Bauckhage for the joint ETRTO/DETA meeting and include slide 12 from document SLR-21-02 prepared by Mr. Grigorescu. The presentation should address the following:</p> <ul style="list-style-type: none"> - what markings will actually be replaced by the UI, - whether some of the existing marking should be kept also with the UI, - avoid interpretations for “additional symbols” <p><i>Note: the SLR presentation for GRE-81 about the impact/usage of the UI in LSD/RID/RRD Regulations is available as document GRE-81-20.</i></p>	

16.	<p>Feedback from CEMA on RID, R86 and other simplification related matters</p> <p>Mr. Blusseau introduced document SLR-28-13 pointing out the main open questions concerning the agricultural vehicles. Concerning slide 24, Mr. Manzini and Mr. Vermeulen suggested to change 50 km/h with 60 km/h since this was an important threshold for agricultural vehicles.</p> <p>Mr. Vermeulen, on the basis of document SLR-29-09, explained the CEMA proposal for amendment to the 01 series of amendments to Reg. 86. The SLR advised CEMA to make sure the proposed amendment is based on the latest version of Reg. 86, i.e. WP29/2018/110/Rev.1.</p> <p>CEMA was requested to provide feedback to Mr. Puglisi concerning the new beam patterns under consideration and any other matter related to the Stage 2 simplification of the LSD, RID and RRD Regulations. CEMA will also provide the contact details of lighting experts for agricultural vehicles.</p>	<p>SLR-28-13</p> <p>SLR-29-09</p>
17.	<p>Any Other Business</p> <p>- Baseline document for updated RID Regulation</p> <p>Mr. Puglisi informed that, in order to keep track of all the changes being proposed to the RID text (i.e. GRE/2018/37, SLR-29-02/Rev.1, SLR-29-05, SLR-29-07, SLR-29-08), GTB will provide a comprehensive Excel file for the next session, collecting all input. This file will then be used as a tool to produce a draft consolidated baseline document for further amendment proposals to the RID Regulation.</p>	
18.	<p>Next meeting(s)</p> <p>The SLR agreed the following meeting schedule:</p> <ul style="list-style-type: none"> ➤ 30th SLR meeting – Brussels (BE) on 22-24 May 2019 ➤ 31st SLR meeting – Brussels (BE) on 3-5 July 2019 ➤ 32nd SLR meeting – Tokyo (JP) on 3-5 September 2019 ➤ 33rd SLR meeting – Brussels (BE) on 9-11 October 2019 ➤ 34th SLR meeting – Brussels (BE) on 4-6 November 2019 ➤ 35th SLR meeting – Brussels (BE) on 11-13 December 2019 <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>	
19.	<p>Closure</p> <p>Mr. Loccufier thanked all the participants for their fruitful contribution and closed the meeting.</p>	

Annex 1 to SLR-29-10

Participation at 29th SLR meeting 27-29 March 2019

IN PERSON	WEBEX/TELEPHONE
Mr. Michel LOCCUFIER (BE, SLR Chair)	Mr. Rainer KRAUTSCHEID (DE)
Mr. Derwin ROVERS (NL)	Mr. Thomas GOLDBACH (OICA)
Mr. Davide PUGLISI (GTB, SLR Secretary)	Mr. Varun KUMAR (IMMA)
Mr. Philipp PLATHNER (IEC)	Mr. Masaru MAMIYA (IMMA)
Mr. Frédéric HAY (CLEPA) – 27 March only	Mr. Michael PERNKOPF (GTB)
Mr. Gert LANGHAMMER (CLEPA)	Mr. Tomasz TARGOSIŃSKI (PL)
Mr. Jean-Marc PRIGENT (OICA)	Mr. Eric BLUSSEAU (CLEPA) – 29 March only
Mr. Erik VANDERVREKEN (CLEPA)	Mr. Lukas SCHWENKSCHUSTER (GTB)
Mr. Takahiro KOYAMA (JP)	
Mr. Walter SCHLAGER (IEC)	
Mr. Thomas VERCAMMEN (IMMA)	
Mr. Pere HERNANDEZ (IMMA)	
Mr. Beny GRIGORESCU (GTB)	
Ms. Aurélie BERTHEL (OICA)	
Mr. Marco MANZINI (CEMA) – 29 March only	
Mr. Antoon VERMEULEN (CEMA) – 29 March only	

Apologies from:

- Mr. Aleksander LAZAREVIC (EC, SLR Vice-Chair)
- Mr. Thomas BAUCKHAGE (CLEPA)
- Mr. Karl MANZ (DE)
- Mr. Geoff DRAPER (GTB)
- Mr. Jürgen EWALD (CLEPA)

SLR "Stage 1"

The complete package adopted by WP.29 in March 2019

NEW SIMPLIFIED UN REGULATIONS

- Light Signalling Devices (LSD) → WP.29/2018/157 (*GRE/2018/36 to Nov 2019*)
- Road Illumination Devices (RID) → WP.29/2018/158/Rev.1 (*part of GRE/2018/37 to Nov 2019*)
- Retro-Reflective Devices (RRD) → WP.29/2018/159/Rev.1 (*part of GRE/2018/38 to Nov 2019*)

Transitional Provisions

Collective Amendments for Regs Nos. 3, 4, 6, 7, 19, 23, 27, 38, 50, 69, 70, 77, 87, 91, 98, 104, 112, 113, 119 and 123
 WP.29/2018/091/Rev.1 to .../098/Rev.1, .../103/Rev.1, .../106/Rev.1, .../107/Rev.1, .../109/Rev.1, .../112/Rev.1 to .../119/Rev.1

Updated References to device Regs. + Reorganized and grouped definitions + Use of "Change Index" and its definition

- R48, series 03, 04, 05 and 06 of amendments
 (WP.29/2018/102, .../101, .../100/Rev.1, .../099/Rev.2)
- R53, series 01 and 02 of amendments
 (WP.29/2018/105 + WP29-177-07, .../104/Rev.1 + *GRE-80-05 to Nov 2019*)
- R74, series 01 of amendments
 (WP.29/2018/108/Rev.2)
- R86, series 00 and 01 of amendments
 (WP.29/2018/111, .../110/Rev.1)