

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

47th meeting

WebEx, 10-12 May 2021

REPORT

		Documents
1.	Welcome and opening remarks The Chairman opened the meeting by welcoming all the participants.	
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 new documents. A revised agenda, reflecting the agreed modifications, was circulated as document SLR-47-08/Rev.1.	SLR-47-08
4.	Approval of the reports of the previous sessions - Report 39 th meeting - WebEx, 7-10 July 2020 - Report 40 th meeting - WebEx, 26-28 August 2020 - Report 41 st meeting - WebEx, 21-23 September 2020 - Report 42 nd meeting - WebEx, 3-5 November 2020 - Report 43 rd meeting - WebEx, 9-11 December 2020 - Report 44 th meeting - WebEx, 12-14 January 2021 - Report 45 th meeting - WebEx, 17-19 February 2021 - Report 46 th meeting - WebEx, 24-26 March 2021 The SLR reports on the 39 th , 40 th and 41 st sessions were approved without modifications. The approval of the remaining SLR reports was postponed to the next session.	SLR-39-27 SLR-40-19 SLR-41-21 SLR-42-13 SLR-43-23 SLR-44-18 SLR-45-21 SLR-46-27
5.	UN Regulation No. 149 (00 series of amendments) The corrections to paragraphs 3.3.2.4. / 3.3.2.4.4. / 3.3.2.4.8 of UN Regulation No. 149.00 identified by the Homework Team have been reflected in document SLR-47-11. This will be used to collect further corrections, if any, to R149.00. The document will be “closed” at SLR-49 in July 2021 and then sent to GRE-85.	SLR-47-11

6.	<p>Rear-registration plate illuminating devices</p> <p>As agreed at SLR-46, GTB will study this subject (see SLR-46-10) and the discussion will resume at SLR when a proposal will be available. This item will stay on the agenda.</p>	
7.	<p>HID colour restrictions</p> <p>SLR agreed that the current “Neutral White” colour restrictions for HID should be lifted and endorsed the solution proposed in doc. SLR-45-12. IEC will draft a proposal to amend R.E.5. and – in parallel – to amend the standard IEC 60810. The agreed timeline for this work is indicated in green colour in document SLR-47-15.</p>	SLR-47-15
Items 8. to 11.	<p>UN Regulation No. 148 (Item 8)</p> <p>The latest draft consolidated document is SLR-47-12. This document, based on GRE-84-14, reflects all the comments and modifications agreed during SLR-47, including the amendments to the text introduced by document SLR-47-04 (failure conditions). The proposed text in document SLR-47-03 (approval marking / detachable outer lens) is also included but, for the time being, it is kept on hold until a final text on the “approval marking” is agreed for R149.</p>	SLR-47-12
	<p>UN Regulation No. 149 (Item 9)</p> <p>The latest draft consolidated document is SLR-47-13. This document, based on GRE-84-16, reflects all the comments and modifications agreed during SLR-47, including Par. 3.3.1.3. (approval marking) and Par. 4.13. (failure provisions). The “Homework Team R149” shall draft a proposal for SLR-48 to address the missing provisions on voltage marking (see document SLR-47-05).</p> <p>Mr. Targosinski was invited to draft a concrete proposal to amend the draft Reg. 149.01 (namely document SLR-47-13), taking into account the discussion at SLR47 and the feedback received by SLR members via email after the meeting.</p>	SLR-47-13
	<p>UN Regulation No. 150 (Item 10)</p> <p>The latest draft consolidated document is SLR-47-14. This document, based on GRE-84-18, reflects all the comments and modifications agreed during SLR-47. The “Homework Team R150” shall further work on this document focussing on Par. 3.3. (approval markings, see SLR-47-09) and on the possibility of grouping the Annexes. Mr. Ewald will draft a matrix for SLR-48 to consider what Annexes could be grouped.</p> <p>Correlation tables and Par. 3.3. (approval marking)</p> <p>The 3 “Homework Teams” shall work together to improve paragraph 3.3. (approval marking) in order to harmonise its structure, terminology and consistency among the three device Regulations Nos. 148, 149 and 150. Moreover, they are invited to improve and update the draft correlation tables between Stage 1 and 2 for each of the new device Regulations. These tables are not intended for submission to GRE-85 but rather as a tool for SLR to answer questions during GRE, as well as for keeping track of the evolution of the Regulations from Stage 1 to Stage 2.</p>	SLR-47-14

	<p>UN Regulations on Installation (Item 11)</p> <ul style="list-style-type: none"> ▪ <u>R48.06/07/08</u> → SLR agreed to extend the amendment in GRE-84-05 also to the new 08 series, taking also into account the additional modifications indicated in SLR-46-25/Rev.1 ▪ <u>R48.03/04/05</u> → SLR will consider at the next session if the “Class RA” should be included in the proposal GRE-84-06 ▪ <u>R53.01</u> → <i>GRE-84-07 (no further modifications)</i> ▪ <u>R53.02/03</u> → <i>GRE-84-08 (no further modifications)</i> ▪ <u>R74.01/02</u> → <i>GRE-84-09 (no further modifications)</i> ▪ <u>R86.01/02</u> → SLR tentatively agreed to extend the amendment in GRE-84-10 also to the new 02 series. CEMA was invited to consider this possibility and to provide its advice at the next session. 	
12.	<p>Unique Identifier</p> <p>SLR agreed a number of improvements to the UI presentation, including a decision diagram, to clarify the minimum/optional contents of the summary documents and to avoid any confidentiality issues.</p> <p>A small group of SLR experts who volunteered to work on this topic will meet on 3 June 2021 to finalise this presentation for the next DETA session scheduled on 15 June 2021.</p> <p>In this presentation it shall also be stressed that the summary document is merely provided as an example of how it could look like and that the final decision about using UI, with or without summary document, is up to each GR, regardless of the decision that GRE may take on this subject upon the Regulations under its responsibility.</p>	SLR-47-16
13.	<p>Parking Lamps</p> <p>Mr. Schwenkschuster briefly recalled the idea to provide a “parking signal” as an alternative to dedicated parking lamps. He reported that the proposal, which is primarily an installation topic for Reg. 48, would not result in a new series of amendments. GTB will keep SLR informed on the future developments of this proposal.</p>	
14.	<p>Number of digits in approval numbers</p> <p>Mr. Puglisi will contact the GRE Secretariat to ask some examples of approval numbers (4, 5 and 6 digits) as well as some background information on the adopted amendment (doc. WP.29/2018/165).</p>	
15.	<p>“CPs moment”</p> <p>The Secretary provided a summary of the main outcome of discussion from SLR-47 in view of the results of the recent GRE-84 session. Regarding the Headlamp levelling discussion (see GRE/2020/8/Rev.2), he informed that SLR will convene 2 special sessions (see item 17 below) with the aim to find a solution in time for submission to GRE-85.</p> <p>Concerning the HID colour restrictions (see item 7), Mr. Bailey reiterated his concern on the blue contents of LEDs and suggested to extend the existing limit to all light sources. If the SLR decision is to lift such restrictions, then he recommends providing good justifications including the historical background (“colour drift”, which may have occurred with early - still “immature” - technology).</p>	

16.	<p>Any Other Business</p> <p>Mr. Kooss informed that a number of editorial errors about “Scientific Notation” have been found by GTB in the draft R148.01 and R149.01. He announced that a proposal will be provided to SLR-48.</p> <p>No other business was discussed.</p>	
17.	<p>Next meeting(s)</p> <p>The SLR agreed the following meeting schedule:</p> <ul style="list-style-type: none"> ➤ 48th SLR meeting – WebEx, on 16-18 June 2021 (*) ➤ 49th SLR meeting – WebEx, on 20-22 July 2021 (**) <p>(*) <i>SLR-48 will end on 18 June at 12:30 hrs and will be followed, from 13:30 to 15:00 hrs, by a special SLR session on “headlamp levelling”</i></p> <p>(**) <i>SLR-49 will start on 20 July at 11:30 hrs and will be preceded, from 9:30 to 11:00 hrs, by a special SLR session on “headlamp levelling”</i></p> <p><i>Note: Separate agenda and WebEx invitations will be provided for the Special SLR meetings on “Headlamp Levelling”.</i></p>	
18.	<p>Closure</p> <p>The Chairman thanked all the participants for their fruitful contribution, wished everyone good health and closed the meeting.</p>	

**Participation at 47th SLR meeting
WebEx, 10-12 May 2021**

10 May 2021	11 May 2021	12 May 2021
Mr. Derwin ROVERS (NL, SLR Chair)	Mr. Derwin ROVERS (NL, SLR Chair)	Mr. Derwin ROVERS (NL, SLR Chair)
Mr. Davide PUGLISI (GTB, SLR Secr)	Mr. Davide PUGLISI (GTB, SLR Secr)	Mr. Davide PUGLISI (GTB, SLR Secr)
Mr. Thomas BAUCKHAGE (CLEPA)	Mr. Thomas BAUCKHAGE (CLEPA)	Mr. Phil BAILEY (UK) – <i>only CPs Moment</i>
Ms. Aurélie BERTHEL (OICA)	Ms. Aurélie BERTHEL (OICA)	Mr. Thomas BAUCKHAGE (CLEPA)
Mr. Jürgen EWALD (CLEPA)	Mr. Jürgen EWALD (CLEPA)	Mr. Marcus BERG (DE)
Mr. Valter GENONE (GTB)	Mr. Marcin GORZKOWSKI (SAE)	Ms. Aurélie BERTHEL (OICA)
Mr. Marcin GORZKOWSKI (SAE)	Mr. Beny GRIGORESCU (GTB)	Mr. Jürgen EWALD (CLEPA)
Mr. Mark GRAINGER (OICA)	Mr. Frédéric HAY (CLEPA)	Mr. Sebastian FAHR (OICA)
Mr. Beny GRIGORESCU (GTB)	Mr. Pere HERNANDEZ (IMMA)	Ms. Kiyomi FUJIMOTO (JP)
Mr. Frédéric HAY (CLEPA)	Mr. Dieter KOOß (DE)	Mr. Manabu FUSHIMI (JP)
Mr. Pere HERNANDEZ (IMMA)	Mr. Takahiro KOYAMA (JP)	Mr. Valter GENONE (GTB)
Mr. Dieter KOOß (DE)	Mr. Rainer KRAUTSCHEID (DE)	Mr. Marcin GORZKOWSKI (SAE)
Mr. Takahiro KOYAMA (JP)	Mr. Gert LANGHAMMER (CLEPA)	Mr. Mark GRAINGER (OICA)
Mr. Rainer KRAUTSCHEID (DE)	Mr. Federico MATARAZZO (GTB)	Mr. Beny GRIGORESCU (GTB)
Mr. Gert LANGHAMMER (CLEPA)	Mr. Michael PERNKOPF (CLEPA)	Mr. Frédéric HAY (CLEPA)
Mr. Federico MATARAZZO (GTB)	Mr. Philipp PLATHNER (IEC)	Mr. Pere HERNANDEZ (IMMA)
Mr. Michael PERNKOPF (CLEPA)	Mr. Jean-Marc PRIGENT (OICA)	Mr. Timo KÄRKKÄINEN (FI) – <i>only CPs Moment</i>
Mr. Philipp PLATHNER (IEC)	Mr. Walter SCHLAGER (IEC)	Mr. Dieter KOOß (DE)
Mr. Jean-Marc PRIGENT (OICA)	Mr. Lukas SCHWENKSCHUSTER (GTB)	Mr. Takahiro KOYAMA (JP)
Mr. Walter SCHLAGER (IEC)	Mr. Tomasz TARGOSINSKI (PL)	Mr. Rainer KRAUTSCHEID (DE)
Mr. Lukas SCHWENKSCHUSTER (GTB)	Mr. Wilfried VAN LAARHOVEN (NL)	Mr. Gert LANGHAMMER (CLEPA)
Mr. Tomasz TARGOSINSKI (PL)		Mr. Federico MATARAZZO (GTB)
		Mr. Woonchul NOH (GTB) – <i>Item 3 “AOB” only</i>
		Mr. Antoine PAMART (FR) – <i>only CPs Moment</i>
		Mr. Michael PERNKOPF (CLEPA)
		Mr. Ludek PISKAC (CZ) – <i>only CPs Moment</i>
		Mr. Philipp PLATHNER (IEC)
		Mr. Jean-Marc PRIGENT (OICA)
		Mr. Walter SCHLAGER (IEC)
		Mr. Lukas SCHWENKSCHUSTER (GTB)
		Mr. Seiya TATSUNO (JP)