

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

44th meeting

WebEx, 12-14 January 2021

REPORT

		Documents
1.	Welcome and opening remarks The Chairman opened the meeting by welcoming all the participants. He conveyed the best wishes for the new year and expressed the hope that in 2021 the pandemic may somehow be brought to a halt.	
2.	Introduction of participants and organisations The Chairman recalled the intention and encouragement to increase the participation of CPs, as SLR is now in its Stage 2 of “Simplification”. 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-44-10/Rev.1.	SLR-44-10
4.	Approval of the reports of the previous sessions - Report 38 th meeting - WebEx, 27-29 May 2020 - 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 The Report on the 38 th meeting (SLR-38-28) was approved without modifications. The approval of the most recent SLR reports was postponed to the next session.	SLR-38-28 SLR-39-27 SLR-40-19 SLR-41-21 SLR-42-13 SLR-43-23
5.	Correction to UN Regulation No. 45 Mr. Langhammer briefly introduced the revised proposal (document SLR-43-03/Rev.1) to add in UN Regulation No. 45 the missing references to UN Regulation No. 149. SLR agreed to send the proposal to GRE-84 as a formal document.	

6.	<p>Deletion of Parking Lamps</p> <p>Mr. Schwenkschuster reported that the work is still in progress within GTB. SLR observed that the item does not seem to be too urgent and, in general, it would not be suitable to produce a new series of amendments only for parking lamps. To avoid a new, dedicated, series of amendments to Reg. 48, it could be considered to add the possibility of using front and rear position lamps performing the function of parking signal without deleting parking lamps.</p> <p>GTB will prepare for SLR-45 an updated proposal based on SLR-43-08 and taking into account the discussions at SLR-44. The item will stay on the agenda for consideration as part of the Stage 2 / Step 2 simplification.</p>	SLR-43-08
7.	<p>Visibility of red light and white light</p> <p>Mr. Matha introduced the proposal in document SLR-44-07, aimed at clarifying the provisions to define the visibility of red light towards the front and white light towards the rear of the vehicle.</p> <p>OICA clarified, further to a request from the Chairman, that it is necessary to address also the 03 series of amendments to Reg. 48 because it is still used by trucks (mostly for extensions). Moreover, the SLR during the Stage 1 simplification also included the 03 series of amendments.</p> <p>SLR agreed to resume the discussion at the next session, awaiting feedback from the German administration regarding the verification during CoP.</p>	SLR-44-07
Items 8. to 12.	<p>UN Regulations on Installation (Item 8)</p> <ul style="list-style-type: none"> - Regulation No. 86: CEMA, and all SLR members, shall consider if adding Class “RA” to the R86 proposal (doc. SLR-44-16/Rev.1) now or perhaps in the future. - Regulations Nos. 48, 53, 74: IMMA and OICA will align the text of the relative proposals (i.e. SLR-43-11, -12, -13, -18) with SLR-43-17/Rev.1. All the installation proposals for “Stage 2 / Step 1” will be finally reviewed at SLR-45 prior to submission to GRE-84. - Regulation No. 48 “Stage 2 / Step 2” (i.e. the proposal for additional contributors for driving-beam, more than four, without AFS) was discussed and all SLR members were invited to study the proposal in doc. SLR-43-16. The discussion will resume at SLR-45. <p>UN Regulation No. 148 (Item 9)</p> <p>The latest draft consolidated document is SLR-44-03/Rev.1. This document, based on SLR-43-22 and including the changes indicated in SLR-44-04, reflects all the comments and modifications agreed during SLR-44. The “Homework Team R148” shall finalise this document in time for discussion and approval at the next SLR session. Some of the open points are: Par. 3.3.5.4., Table 2 “Change Index”, Light Sources (draft proposal for Par. 4), Transitional Provisions, removal of editorial changes to improve readability.</p>	

	<p>UN Regulation No. 149 (Item 10)</p> <p>The latest draft consolidated document is SLR-44-02/Rev.1. This document, based on SLR-43-01/Rev.1, reflects all the comments and modifications agreed during SLR-44. Mr. Grigorescu offered to complete the review of the tables as indicated in SLR-44-13. The “Homework Team R149” shall finalise this document in time for discussion and approval at the next SLR session. Some of the open points are: Par. 4.5.3.1., Transitional Provisions, editorial improvements (Class vs. class, Road Illumination Devices vs. road illumination devices, etc.).</p> <p>UN Regulation No. 150 (Item 11)</p> <p>The latest draft consolidated document is SLR-44-01/Rev.1. This document, based on SLR-43-14, reflects all the comments and modifications agreed during SLR-44. The “Homework Team R150” shall finalise this document in time for discussion and approval at the next SLR session. Some of the open points are: Table 2 “Change Index”, Tables 4 and 5 “Chronological order of tests”, Transitional Provisions, Annex 18 “Resistance to impact”, Annex 21 “Marking examples” (improve the drawings), Annex 23 (simplify text). After having improved and renumbered the Annexes, all the cross references in the text shall be verified.</p> <p>Correlation tables</p> <p>The 3 Homework Teams were invited to further develop for SLR-45 the draft correlation tables between Stage 1 and 2 for each of new device Regulations (see SLR-44-11 for R149 and SLR-44-08/Rev.1 for R150). These tables are not intended for submission to GRE-84 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> <p>Transitional Provisions of the Device Regulations (Item 12)</p> <p>An ad-hoc meeting involving the Homework Team leaders and the SLR experts most involved in TPs will draft a text, suitable for the three new device Regulations, based on the “Aide-mémoire” (document SLR-43-04/Rev.1) and the summary table in SLR-44-17. The discussion will resume at SLR-45.</p>	
13.	<p>Aligning the HID colour boundaries with Halogen and LED (removing HID colour restrictions)</p> <p>Mr. Plathner introduced document SLR-44-09 intended to align the HID colour boundaries with Halogen and LED by removing the HID colour restrictions in order to achieve technological neutrality among the different light sources. Mr. Schlager added historical background information about the current limitation.</p> <p>Mr. Bailey expressed some concerns about the blue contents of LEDs. Mr. Krautscheid shared the same opinion. Mr. Plathner clarified that the same limits in IEC 60810 apply to all light sources. Keeping the colour restriction for HID only would not be technology neutral.</p> <p>An option, in order to reach the goal of technological neutrality, could be to extend the limit to all the light sources, including LEDs.</p>	SLR-44-09

	SLR agreed to resume the discussion at SLR-45, based on an updated proposal to be prepared by IEC.	
14.	<p>“CPs moment”</p> <p>Mr. Horii took the opportunity of the “CPs moment” to introduce the Japanese informal document GRE-83-45 (about parking conditions in R48) and announced that a proposal will be prepared for SLR-45.</p> <p>The Secretary provided a general overview and a clarification on the SLR submission to GRE-84 in April 2021.</p> <p>The CPs represented appreciated the useful summary provided.</p>	
15.	<p>Unique Identifier</p> <p>The discussion will resume at SLR45 with the objective to finally review the presentation (doc. SLR-44-05) and define the SLR delegation at the next DETA meeting on 2 March 2021.</p>	SLR-44-05
16.	<p>Any Other Business</p> <p>- Editorial checking prior to GRE submission</p> <p>The Chairman explained the need to assure the highest possible quality, particularly for formal documents. Because, in the end, numerous corrections (which GRE would subsequently need to be sending to WP.29) should be avoided. He recalled that in past he had, in other working groups, instigated an editorial taskforce. He asked everyone to ponder these thoughts and encouraged all to bring forward any ideas to improve quality (and reducing the amount of potential errors).</p>	
17.	<p>Next meeting(s)</p> <p>The SLR agreed the following meeting schedule:</p> <ul style="list-style-type: none"> ➤ Ad-hoc meeting on TPs – WebEx, on 11 February 2021 (<i>Tentative timeslot 14:00 / 16:00 hrs CET</i>) ➤ 45th SLR meeting – WebEx, on 17-19 February 2021 ➤ 46th SLR meeting – WebEx, on 24-26 March 2021 	
18.	<p>Closure</p> <p>The Chairman thanked all the participants for their fruitful contribution, expressed his content with the increased participation of CP’s and closed the meeting.</p>	

**Participation at 44th SLR meeting
WebEx, 12-14 January 2021**

12 January 2021	13 January 2021	14 January 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)
Ms. Elena ANSALONI (IT)	Ms. Elena ANSALONI (IT)	Ms. Elena ANSALONI (IT)
Mr. Phil BAILEY (UK)	Mr. Phil BAILEY (UK)	Mr. Phil BAILEY (UK)
Mr. Thomas BAUCKHAGE (CLEPA)	Mr. Thomas BAUCKHAGE (CLEPA)	Mr. Thomas BAUCKHAGE (CLEPA)
Mr. Marcus BERG (DE)	Ms. Aurélie BERTHEL (OICA)	Ms. Aurélie BERTHEL (OICA)
Ms. Aurélie BERTHEL (OICA)	Mr. Subrat DASH (IMMA)	Mr. Subrat DASH (IMMA)
Mr. Subrat DASH (IMMA)	Mr. Jürgen EWALD (CLEPA)	Mr. Jürgen EWALD (CLEPA)
Mr. Jürgen EWALD (CLEPA)	Mr. Sebastian FAHR (OICA)	Mr. Sebastian FAHR (OICA)
Mr. Sebastian FAHR (OICA)	Mr. Thomas GOLDBACH (OICA)	Ms. Kiyomi FUJIMOTO (JP)
Mr. Thomas GOLDBACH (OICA)	Mr. Mark GRAINGER (OICA)	Mr. Manabu FUSHIMI (JP)
Mr. Mark GRAINGER (OICA)	Mr. Beny GRIGORESCU (GTB)	Mr. Thomas GOLDBACH (OICA)
Mr. Beny GRIGORESCU (GTB)	Mr. Frédéric HAY (CLEPA)	Mr. Mark GRAINGER (OICA)
Mr. Frédéric HAY (CLEPA)	Mr. Pere HERNANDEZ (IMMA)	Mr. Beny GRIGORESCU (GTB)
Mr. Pere HERNANDEZ (IMMA)	Mr. Dieter KOOß (DE)	Mr. Frédéric HAY (CLEPA)
Mr. Dieter KOOß (DE)	Mr. Takahiro KOYAMA (JP)	Mr. Pere HERNANDEZ (IMMA)
Mr. Takahiro KOYAMA (JP)	Mr. Rainer KRAUTSCHEID (DE)	Mr. Kousuke HORII (JP)
Mr. Rainer KRAUTSCHEID (DE)	Mr. Gert LANGHAMMER (CLEPA)	Mr. Timo KÄRKÄINEN (FI)
Mr. Gert LANGHAMMER (CLEPA)	Mr. Federico MATARAZZO (GTB)	Mr. Dieter KOOß (DE)
Mr. Federico MATARAZZO (GTB)	Mr. Michael PERNKOPF (GTB)	Mr. Takahiro KOYAMA (JP)
Mr. Paul-Henri MATHA (GTB)	Mr. Philipp PLATHNER (IEC)	Mr. Gert LANGHAMMER (CLEPA)
Mr. Michael PERNKOPF (GTB)	Mr. Walter SCHLAGER (IEC)	Mr. Federico MATARAZZO (GTB)
Mr. Philipp PLATHNER (IEC)	Mr. Lukas SCHWENKSCHUSTER (GTB)	Mr. Michael PERNKOPF (GTB)
Mr. Walter SCHLAGER (IEC)	Mr. Varun SHARMA (IMMA)	Mr. Gernot SAUTER (CLEPA)
Mr. Lukas SCHWENKSCHUSTER (GTB)	Mr. Wilfried VAN LAARHOVEN (NL)	Mr. Walter SCHLAGER (IEC)
Mr. Varun SHARMA (IMMA)		Mr. Lukas SCHWENKSCHUSTER (GTB)
		Mr. Varun SHARMA (IMMA)
		Mr. Christophe TISSIER (CEMA)
		Mr. Wilfried VAN LAARHOVEN (NL)