

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

48th meeting

WebEx, 16-18 June 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-48-07/Rev.1.	SLR-48-07
4.	Approval of the reports of the previous sessions - 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 - Report 47 th meeting - WebEx, 10-12 May 2021 The approval of the last SLR reports was postponed to the next session.	SLR-42-13 SLR-43-23 SLR-44-18 SLR-45-21 SLR-46-27 SLR-47-17
5.	Preparation of SLR submission to GRE-85 The Secretary presented an updated Excel sheet showing a comprehensive overview of the SLR submission to GRE-85. Based on this table, the participants were assigned specific homework for SLR-49 with the goal to complete the package in time for official submission to GRE-85.	
6.	UN Regulation No. 149.00 – Corrections Document SLR-47-11/Rev.1 (i.e. SLR-47-11 with the additions from SLR-48-10) 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 as a formal document.	SLR-48-10

7.	<p>Editorial errors about Scientific Notation in draft R148.01 and R149.01</p> <p>Document SLR-48-08, indicating a number of editorial errors about “Scientific Notation”, was presented by Mr. Kooss and approved by SLR after careful examination by the participants.</p>	SLR-48-08
Items 8. to 11.	<p>UN Regulation No. 148-01 (Item 8)</p> <p>The latest draft consolidated document is SLR-48-12. This document, based on SLR-47-12, reflects all the comments and modifications agreed during SLR48, including Table 2 (change index), Table 8 and Table A2-2 (D.I. of cat. 6), the corrections of the values according to scientific notation (SLR-48-08) and the correct usage of the terms “voltage”, “rated voltage”, “range of voltage”, etc. (see SLR-48-06). The structure and, when possible, the contents of paragraph 3.3. on approval marking shall be aligned with R149 and R150.</p>	SLR-48-12
	<p>UN Regulation No. 149-01 (Item 9)</p> <p>The latest draft consolidated document is SLR-48-11/Rev.1. This document, based on SLR-47-13, reflects all the comments and modifications agreed during SLR-48, including corrected references (see SLR-48-10), corrected indication of the values according to scientific notation (SLR-48-08) and corrected use of the terms “voltage”, “rated voltage”, “range of voltage”, etc. (see SLR-48-06). The paragraph 3.2.7. (text from SLR-48-04) will be finally checked at SLR-49. The structure and, when possible, the contents of paragraph 3.3. on approval marking shall be aligned with R148 and R150.</p> <p>Mr. Tissier introduced a proposal from CEMA (see SLR-48-14) to allow AFS in vehicles of category T. SLR agreed to postpone the consideration of this proposal to the Stage 2 / Step 2 simplification.</p> <p>Mr. Targosinski was invited after SLR-47 to draft a concrete proposal to amend the draft Reg. 149.01 (doc. SLR-47-13), taking into account the discussion at SLR-47 and the feedback received by SLR members via email after the meeting. He reported that no feedback was received by the SLR members, therefore no proposal was prepared for SLR-48.</p>	SLR-48-11/Rev.1
	<p>UN Regulation No. 150-01 (Item 10)</p> <p>The latest draft consolidated document is SLR-48-13. This document, based on SLR-47-14, reflects all the comments and modifications agreed during SLR48, including the text in Par. 5.3.5.4. for Requirements after weathering (see SLR-48-03) and several editorial improvements on the terminology. The “Homework Team R150” shall work on this document with the goal of grouping the Annexes as summarised in SLR-48-02 but without moving Annex 22 to Reg.48. The structure and, when possible, the contents of paragraph 3.3. on approval marking shall be aligned with R148 and R149.</p> <p>“Homework Teams” R148, R149, R150</p> <p>The 3 “Homework Teams” shall work together to improve paragraph 3.3. (approval marking) in order to harmonise its structure and, when possible, its contents among the three device Regulations Nos. 148, 149 and 150.</p>	SLR-48-13

	<p>Moreover, they shall check the complete consolidated texts of the device Regulations (including footnotes, cross references, justification, etc.) and “convert” them into official format. For SLR-49 all the modifications should be kept visible in track-change, unless this makes the text unreadable. During SLR-49 such documents will be finally reviewed (including the changes marked in track-change) prior to submission to GRE-85 as formal documents.</p> <p>Finally, the 3 “Homework Teams” should improve and update the presentations summarising the main modifications introduced with the 01 series of amendments and the correlation tables between Stage 1 and 2 for each of new device Regulations. The presentations will be sent to GRE-85 as informal documents after SLR-50. The correlation tables, instead, 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> <p>UN Regulations on Installation (Item 11)</p> <ul style="list-style-type: none"> ▪ <u>R48.06/07/08</u> → OICA offered to check the contents of document SLR-48-05/Rev.1 and convert the proposal into official format, ready for submission to GRE-85 as a formal document. ▪ <u>R48.03/04/05</u> → OICA offered to produce 2 proposals into official format, ready for submission to GRE-85 as formal documents: <ul style="list-style-type: none"> • One “full” proposal based on GRE-84-06 (Justification #7 to be deleted) • One separate proposal to introduce the “Class RA” in the “full” proposal ▪ <u>R53.01</u> → IMMA offered to check the contents of GRE-84-07 and convert the proposal into official format, ready for submission to GRE-85 as a formal document. ▪ <u>R53.02/03</u> → IMMA offered to check the contents of GRE-84-08 and convert the proposal into official format, ready for submission to GRE-85 as a formal document. ▪ <u>R74.01/02</u> → IMMA offered to check the contents of GRE-84-09 and convert the proposal into official format, ready for submission to GRE-85 as a formal document. ▪ <u>R86.01/02</u> → CEMA offered to produce a final proposal, ready for submission to GRE-85 as a formal document. Such a proposal will be based on GRE-84-10 and extended to the new 02 series of amendments. 	
12.	<p>Parking Lamps</p> <p>Mr. Schwenkschuster 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>	
13.	<p>HID colour restrictions</p> <p>Mr. Plathner briefly recalled the status of discussion based on the latest chart (doc. SLR-47-15). This item will stay on the agenda for the next SLR session.</p>	SLR-47-15

14.	<p>Rear-registration plate illuminating devices</p> <p>Mr. Schwenkschuster reported that GTB is working on this subject (see SLR-46-10) and that a proposal will be sent to SLR-49.</p>	
15.	<p>Unique Identifier</p> <p>SLR-48-15 will be sent to the DETA group for quick final endorsement prior to introducing it to the GRs (this will be done by the DETA group). The aim is to provide the GRs with a better overview of the problem associated with the use of the UI and the solution proposed by SLR (as mandated by GRE).</p>	SLR-48-15
16.	<p>Question about the additional test for red light toward the front and white light toward the rear</p> <p>Mr. Kooss informed that the document is only a clarification, in response to a question received. No further discussion.</p>	SLR-48-09
17.	<p>Number of digits in approval numbers</p> <p>Mr. Puglisi briefly informed on the feedback received from the GRE Secretariat concerning the number of digits in approval number and some background information on document WP.29/2018/165.</p> <p>He reported that the adopted legal text provides no distinction between old and new type approvals. Therefore, 4, 5 or 6 digits are equally acceptable for both. The phrase “The sequence shall start from 0001” should be intended that it is not necessary to start from 00001 or 000001, as it is difficult to predict at this very first stage how many type approvals will be issued in the future. Nevertheless, at a certain stage extra leading zeros may be added.</p> <p>This item will be removed from the SLR agenda.</p>	
18.	<p>“CPs moment”</p> <p>The Secretary provided a summary of the main outcome of discussion from SLR-48 with a focus on the preparation of the SLR submission to GRE-85. Regarding Reg.149, it was endorsed the SLR approach in order to deliver the 01 series of amendments without delays, then further improvements may be considered on the basis of concrete proposals.</p>	
19.	<p>Any Other Business</p> <p>No other business was discussed.</p>	
20.	<p>Next meeting(s)</p> <p>The SLR agreed the following meeting schedule:</p> <ul style="list-style-type: none"> ➤ 49th SLR meeting – WebEx, on 20-22 July 2021 (*) ➤ 50th SLR meeting – Hybrid or “WebEx only”, on 8-10 Sep 2021 <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 invitation will be provided for the Special SLR meeting on “Headlamp Levelling”.</i></p>	
21.	<p>Closure</p> <p>The Chairman thanked all the participants for their fruitful contribution and closed the meeting.</p>	

**Participation at 48th SLR meeting
WebEx, 16-18 June 2021**

16 June 2021	17 June 2021	18 June 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)	Ms. Aurélie BERTHEL (OICA)
Mr. Thomas GOLDBACH (OICA)	Mr. Thomas GOLDBACH (OICA)	Mr. Jürgen EWALD (CLEPA)
Mr. Marcin GORZKOWSKI (SAE)	Mr. Marcin GORZKOWSKI (SAE)	Ms. Kiyomi FUJIMOTO (JP)
Mr. Beny GRIGORESCU (GTB)	Mr. Beny GRIGORESCU (GTB)	Mr. Manabu FUSHIMI (JP)
Mr. Frédéric HAY (CLEPA)	Mr. Frédéric HAY (CLEPA)	Mr. Thomas GOLDBACH (OICA)
Mr. Pere HERNANDEZ (IMMA)	Mr. Pere HERNANDEZ (IMMA)	Mr. Mark GRAINGER (OICA)
Mr. Dieter KOOß (DE)	Mr. Dieter KOOß (DE)	Mr. Beny GRIGORESCU (GTB)
Mr. Takahiro KOYAMA (JP)	Mr. Takahiro KOYAMA (JP)	Mr. Frédéric HAY (CLEPA)
Mr. Gert LANGHAMMER (CLEPA)	Mr. Gert LANGHAMMER (CLEPA)	Mr. Pere HERNANDEZ (IMMA)
Mr. Federico MATARAZZO (GTB)	Mr. Federico MATARAZZO (GTB)	Mr. Timo KÄRKKÄINEN (FI) – <i>only CPs Moment</i>
Mr. Michael PERNKOPF (CLEPA)	Mr. Michael PERNKOPF (CLEPA)	Mr. Dieter KOOß (DE)
Mr. Philipp PLATHNER (IEC)	Mr. Philipp PLATHNER (IEC)	Mr. Takahiro KOYAMA (JP)
Mr. Jean-Marc PRIGENT (OICA)	Mr. Jean-Marc PRIGENT (OICA)	Mr. Rainer KRAUTSCHEID (DE) – <i>only CPs Moment</i>
Mr. Gernot SAUTER (CLEPA)	Mr. Walter SCHLAGER (IEC)	Mr. Gert LANGHAMMER (CLEPA)
Mr. Walter SCHLAGER (IEC)	Mr. Lukas SCHWENKSCHUSTER (GTB)	Mr. Federico MATARAZZO (GTB)
Mr. Lukas SCHWENKSCHUSTER (GTB)	Mr. Christophe TISSIER (CEMA)	Mr. Michael PERNKOPF (CLEPA)
Mr. Vipin SHARMA (IMMA)	Mr. Wilfried VAN LAARHOVEN (NL)	Mr. Jean-Marc PRIGENT (OICA)
Mr. Tomasz TARGOSINSKI (PL)		Mr. Lukas SCHWENKSCHUSTER (GTB)
Mr. Christophe TISSIER (CEMA)		Mr. Seiya TATSUNO (JP)
Mr. Wilfried VAN LAARHOVEN (NL)		