

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

46th meeting

WebEx, 24-26 March 2021

REPORT

		Documents
1.	Welcome and opening remarks The Chairman opened the meeting by welcoming all the participants. He expressed his thanks for all the intermediate work done by the HWT’s and others.	
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-46-17/Rev.1.	SLR-46-17
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 The approval of the above SLR reports was postponed to the next session. The Secretary apologised for the delay in the preparation of the reports but confirmed that they will be produced and posted on the website. He suggested, in order to speed up the process, to produce all future reports with less details yet containing all the most important points and decisions. The Chairman observed that, despite the late availability of the latest reports, the Secretary has always provided - within a few days after each session - follow-up notes reflecting the decisions taken and the necessary	SLR-39-27 SLR-40-19 SLR-41-21 SLR-42-13 SLR-43-23 SLR-44-18 SLR-45-21

	<p>actions to progress with the work. In view of the high meeting pace of SLR, the production of the reports had to be considered of lower priority compared to the preparation and in time submission of all the SLR proposals to GRE over the years. Nevertheless, he stressed the importance of having official records of each meeting for reference purposes.</p> <p>SLR acknowledged the work done by the Secretary over the years and endorsed his suggestion to produce less detailed reports, in order to help him managing the backlog.</p>	
5.	<p>Status update on the editorial correction to documents WP.29/2021/30 and WP.29/2021/31 (<i>see SLR-45-10 for information</i>)</p> <p>The Secretary reported that the correction will be taken into account by the WP.29 Secretariat, as reflected in the official Report on the 183rd WP.29 session (<i>see ECE/TRANS/WP.29/1157, para. 85</i>).</p>	
6.	<p>Parking Lamps</p> <p>This item was not discussed due to lack of time. It will remain on the agenda for the next meeting.</p>	
7.	<p>UN Regulation No. 150 (00 series of amendments) - Proposal to correct Par. 5.5.2.1. and Annex 1</p> <p>Document SLR-46-08 has been reviewed and improved during the discussion, as reflected in the Rev.1 version. Document SLR-46-08/Rev.1 will be submitted to GRE-84 to correct Par. 5.5.2.1. and Annexes 1 and 6.</p>	SLR-46-08
8.	<p>HID colour restrictions - Resume discussion on the basis of SLR-45-12</p> <p>In order to have technology neutral requirements, SLR considered whether the current “Neutral White” colour restrictions for HID should be lifted or, instead, should be extended to all Light Sources, in view of the concerns due to the blue component of LEDs. The discussion will resume at SLR47 on the basis of doc. SLR-45-12 and the outcome of SLR-45.</p>	
Items 9. to 12.	<p>UN Regulation No. 148 (Item 9)</p> <p>The latest draft consolidated document is SLR-46-22/Rev.1. This document, based on SLR-45-08/Rev.1, reflects all the comments and modifications agreed during SLR-46, including the text concerning the “light source / testing issue” agreed in documents SLR-46-11/Rev.1, SLR-46-13/Rev.1 and SLR-46-15/Rev.1. A copy of this document, without comments and highlights, will be sent to GRE-84 along with a presentation explaining the most important modifications done until now (<i>see SLR-46-26</i>).</p> <p>UN Regulation No. 149 (Item 10)</p> <p>The latest draft consolidated document is SLR-46-01/Rev.2. This document, based on SLR-45-13/Rev.1, reflects all the comments and modifications agreed during SLR46. However, it does not include yet the text to be adapted from the R148 agreed proposals concerning the “light source / testing issue” (<i>i.e. SLR-46-11/Rev.1, SLR-46-13/Rev.1 and SLR-46-15/Rev.1</i>).</p>	

	<p>The “Homework Team R149” shall finalise this document, along with the accompanying presentation (revision of SLR-41-15/Rev.1), by Friday 2 April 2021. This document will be used to produce a clean version for submission to GRE-84.</p> <p>Moreover, SLR agreed on the need to correct the 00 series of amendments to R149 regarding paragraphs 3.3.2.4., 3.3.2.4.4. and 3.3.2.4.8..</p> <p>OICA also identified some corrections needed in the 00 series but could not prepare a proposal in time for consideration by SLR-46. If deemed urgent, OICA will submit these corrections - together with those identified by SLR - to GRE-84 as an OICA informal document. Otherwise, all the corrections will be collected in a SLR proposal that will be submitted to GRE-85 as a formal document from SLR.</p> <p>UN Regulation No. 150 (Item 11)</p> <p>The latest draft consolidated document is SLR-46-02/Rev.2. This document, based on SLR-45-20, reflects all the comments and modifications agreed during SLR-46 (including those from document SLR-46-06 and the corrections to Tables 4 and 5 “Chronological order of tests”). The “Homework Team R150” shall finalise this document (including the modifications to Par. 3.3. on markings, see SLR-46-09, and the revised drawings in Annex 21, see SLR-46-07/Rev.1) and the accompanying presentation (see doc. SLR-46-23) by Friday 2 April 2021. This document will be used to produce a clean version for submission to GRE-84.</p> <p>Correlation tables</p> <p>The 3 Homework Teams are invited to further develop, in time for GRE-84, the draft correlation tables between Stage 1 and 2 for each of new device Regulations. These tables are not intended for submission to GRE 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 12)</p> <p>The SLR proposals will be sent to GRE-84 as follows:</p> <ul style="list-style-type: none"> • <u>R48.06/07</u> → SLR-46-03/Rev.1 (<i>note: this revision includes the proposals in SLR-43-16, SLR-46-05 and improved justification</i>) • <u>R48.03/04/05</u> → SLR-46-04/Rev.1 (<i>note: in this revision the “Class RA” is removed and the justification is improved</i>) • <u>R53.01</u> → SLR-43-11 (<i>without further modifications</i>) • <u>R53.02/03</u> → SLR-43-12 (<i>without further modifications</i>) • <u>R74.01/02</u> → SLR-43-13 (<i>without further modifications</i>) • <u>R86.01</u> → SLR-45-17/Rev.1 (<i>after editorial polishing</i>) 	
13.	<p>Unique Identifier</p> <p>Further to the WP.29 endorsement of the SLR concept (see Par. 76. of ECE/TRANS/WP.29/1157 “WP.29 invited the IWGs on SLR and DETA to develop the proposal related to the use of DETA in the context of Unique Identifier”), the UI topic will be on the agenda for SLR-47 in order to</p>	

	<p>improve the presentation (see DETA-SG-UI-02e rev1) to clarify the minimum/optional contents of the summary documents and avoid any confidentiality issues.</p> <p>It shall also be clarified 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, etc. is up to each GR, regardless of the decision that GRE may take on this subject upon the Regulations under its responsibility.</p> <p>Mr. Puglisi, with the assistance of Mr. Prigent, will contact ETRTO to organise a separate informal meeting, tentatively before SLR-47, to discuss about a possible common approach regarding the UI.</p>	
14.	<p>Number of digits in approval numbers</p> <p>Mr. Puglisi will ask clarifications to the WP.29 Secretariat regarding the latest status of document WP.29/2018/165, amending the Schedule 4 of the 1958 Agreement (Rev. 3).</p>	
15.	<p>Rear-registration plate illuminating devices</p> <p>GTB will study this subject (see SLR-46-10) and the discussion will resume at SLR when a proposal will be available.</p>	SLR-46-10
16.	<p>Draft update of SLR progress report for GRE (based on GRE-83-47)</p> <p>The slides in document SLR-46-19 have received general support from SLR. This presentation will be used to provide the status report to GRE84.</p>	SLR-46-19
17.	<p>“CPs moment”</p> <p>- SLR submission to GRE-84</p> <p>The Secretary, based on SLR-46-18, provided an updated status of the SLR package of documents that will be submitted to GRE-84. He also informed on the main “Horizontal issues” discussed during SLR-46 (i.e. improved marking requirements, light source issue, number of digits in approval numbers, DETA and UI) and the necessary correction to Reg. 150.00 (doc. SLR-46-08/Rev.1).</p> <p>The CPs present appreciated the useful summary provided.</p>	SLR-46-18
18.	<p>Any Other Business</p> <p>No other business was discussed.</p>	
19.	<p>Next meeting(s)</p> <p>The SLR agreed the following meeting schedule:</p> <ul style="list-style-type: none"> ➤ 47th SLR meeting – WebEx, on 10-12 May 2021 ➤ 48th SLR meeting – WebEx, on 16-18 June 2021 ➤ 49th SLR meeting – WebEx, on 20-22 July 2021 	
20.	<p>Closure</p> <p>The Chairman thanked all the participants for their fruitful contribution and closed the meeting.</p>	

**Participation at 46th SLR meeting
WebEx, 24-26 March 2021**

24 March 2021	25 March 2021	26 March 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. Thomas BAUCKHAGE (CLEPA)	Mr. Thomas BAUCKHAGE (CLEPA)	Mr. Phil BAILEY (UK) – <i>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. Valter GENONE (GTB)	Mr. Jürgen EWALD (CLEPA)
Mr. Thomas GOLDBACH (OICA)	Mr. Thomas GOLDBACH (OICA)	Mr. Sebastian FAHR (OICA)
Mr. Marcin GORZKOWSKI (SAE)	Mr. Marcin GORZKOWSKI (SAE)	Ms. Kiyomi FUJIMOTO (JP) – <i>CPs Moment</i>
Mr. Mark GRAINGER (OICA)	Mr. Beny GRIGORESCU (GTB)	Mr. Manabu FUSHIMI (JP) – <i>CPs Moment</i>
Mr. Beny GRIGORESCU (GTB)	Mr. Frédéric HAY (CLEPA)	Mr. Valter GENONE (GTB)
Mr. Frédéric HAY (CLEPA)	Mr. Pere HERNANDEZ (IMMA)	Mr. Thomas GOLDBACH (OICA)
Mr. Pere HERNANDEZ (IMMA)	Mr. Dieter KOOß (DE)	Mr. Marcin GORZKOWSKI (SAE)
Mr. Dieter KOOß (DE)	Mr. Takahiro KOYAMA (JP)	Mr. Mark GRAINGER (OICA)
Mr. Takahiro KOYAMA (JP)	Mr. Rainer KRAUTSCHEID (DE)	Mr. Beny GRIGORESCU (GTB)
Mr. Rainer KRAUTSCHEID (DE)	Mr. Gert LANGHAMMER (CLEPA)	Mr. Frédéric HAY (CLEPA)
Mr. Gert LANGHAMMER (CLEPA)	Mr. Federico MATARAZZO (GTB)	Mr. Pere HERNANDEZ (IMMA)
Mr. Federico MATARAZZO (GTB)	Mr. Michael PERNKOPF (GTB)	Mr. Timo KÄRKKÄINEN (FI) – <i>CPs Moment</i>
Mr. Michael PERNKOPF (GTB)	Mr. Philipp PLATHNER (IEC)	Mr. Dieter KOOß (DE)
Mr. Philipp PLATHNER (IEC)	Mr. Jean-Marc PRIGENT (OICA)	Mr. Takahiro KOYAMA (JP)
Mr. Jean-Marc PRIGENT (OICA)	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. Wilfried VAN LAARHOVEN (NL)	Mr. Michael PERNKOPF (GTB)
		Mr. Philipp PLATHNER (IEC)
		Mr. Jean-Marc PRIGENT (OICA)
		Mr. Walter SCHLAGER (IEC)
		Mr. Lukas SCHWENKSCHUSTER (GTB)
		Mr. Wilfried VAN LAARHOVEN (NL)