

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

59th meeting

Brussels, 14-16 December 2022

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-59-04/Rev.1.	SLR-59-04
4.	Approval of the reports of the previous sessions - Report 53 rd meeting - WebEx, 19-21 January 2022 - Report 54 th meeting - WebEx, 23-25 March 2022 - Report 55 th meeting - WebEx, 18-20 May 2022 - Report 56 th meeting - Brussels (BE), 27-29 June 2022 - Report 57 th meeting - Karlsruhe (DE), 15-16 September 2022 - Report 58 th meeting - Brussels (BE), 12-14 October 2022 SLR approved the reports on the 53 rd and 54 th sessions without modifications. The approval of the remaining SLR reports was postponed to the next session.	SLR-53-13 SLR-54-16 SLR-55-07 SLR-56-04 SLR-57-09 SLR-58-11
5.	Headlamp levelling - Outcome of GRE-87 (<i>see ECE/TRANS/WP.29/GRE/87, par. 13</i>) - Adaptation of GRE/2020/8/Rev.2 to “Red Box” agreed at GRE87 The Chairman recalled the outcome of GRE-87 and the decision taken by GRE on the new box (aiming diagram for dipped-beam). He explained that SLR-59-02 is a discussion document prepared by the SLR officers with the purpose to facilitate the debates during the present SLR session. The existing SLR proposal (GRE/2020/8/Rev.2) was adapted during SLR-59 to the “Red box” agreed at GRE-87 and the latest consolidated text of Reg. 48-08. SLR furthermore agreed to remove the text in square brackets from para. 6.2.6.2.2. to para. 6.2.6.2.2.3. The updated proposal resulting from SLR-59 was circulated as document SLR-59-02/Rev.1.	GRE-87-29 SLR-59-02

	<p>The Secretary will provide for SLR-60 a “clean” copy of this proposal, already in the appropriate UN format. At SLR-60 the proposal will be carefully checked by SLR and then submitted to GRE-88 as formal document GRE/2020/8/Rev.3.</p> <p>SLR also considered to prepare an informal consolidation, merging the R48 proposals for “device transition” and “headlamp levelling”. If necessary, following the GRE approval of the SLR proposals for R48, this can be shared with the secretariat to provide assistance with the preparation of the final text of the WP.29 proposal for Reg. 48-09.</p>	
6.	<p>Proposals for clarification and correction meant for the 01 series of amendments to UN Regulations Nos. 148, 149 and 150</p> <ul style="list-style-type: none"> - Corrections to R148-01 - Correction to R149-00 and 01 - Correction to R150-01 about “Resistance to weathering” <p>Due to the need to prioritise other items on the agenda that required to be finalised for the next GRE session, this item was addressed only partially. SLR considered document SLR-59-03 and unanimously endorsed to reinsert the missing text in Reg. 148.01 as indicated in the “Part A” of the document. Regarding the “Part B” SLR observed that the proposed correction would have big ramifications in all the series of amendments of Reg. 48 and agreed to resume the discussion at the next session.</p> <p>Documents SLR-59-05 and SLR-59-01 were deferred to the next session.</p>	<p>SLR-53-11/Rev.5</p> <p>SLR-59-03 SLR-59-05 SLR-59-01</p>
7.	<p>Device transition</p> <ul style="list-style-type: none"> - Outcome of GRE-87 (<i>see ECE/TRANS/WP.29/GRE/87, par. 12</i>) - Proposal for Reg. 48 (<i>as submitted to GRE-87</i>) - Proposal for Reg. 53 (<i>input from IMMA based on SLR-58-06</i>) - Proposal for Reg. 74 (<i>input from IMMA based on SLR-58-07</i>) - Proposal for Reg. 86 (<i>input from CEMA based on SLR-58-08/Rev.1</i>) <p>An updated set of draft proposals, one for each installation Regulation, has been produced during SLR-59 as follows:</p> <ul style="list-style-type: none"> • Reg. 48-09: latest reference document is SLR-59-10 • Reg. 53-04: latest reference document is SLR-59-06/Rev.1 • Reg. 74-03: latest reference document is SLR-59-07/Rev.1 • Reg. 86-03: latest reference document is SLR-59-08/Rev.1 <p>The Secretary will provide for SLR-60 “clean” copies of these proposals, already in the appropriate UN format. At SLR-60 these 4 proposals will be carefully checked by SLR and then submitted as formal documents to GRE-88.</p> <p>To avoid the proliferation of multiple series of amendments, SLR has merged the proposal in document GRE/2022/15 (proposal for Reg. 53 by Czechia and Germany adopted during GRE-87) with the SLR proposal for Reg. 53-04.</p>	<p>GRE-87-09 SLR-59-06 SLR-59-07 SLR-59-08</p>
8.	<p>UI and the “Summary document”</p> <ul style="list-style-type: none"> - Outcome of GRE-87 (<i>see ECE/TRANS/WP.29/GRE/87, paras. 8 to 11</i>) - Assessment of UN Regs under the purview of GRE with regards to UI - Open questions (e.g. from IWG-DETA), if any 	<p>GRE-87-24/Rev.1 WP.29-188-20 SLR-59-09</p>

	<p>Mr. Bauckhage introduced document SLR-59-09 summarising the recent exchange with IWG-DETA regarding the UI. He explained that the example of UI usage provided on the left side of slide 4 would not be useful to anyone, while the example on the right would be suitable for lighting applications but not acceptable for CITA.</p> <p>Mr. Fernandez recalled that a compromise solution proposed by CITA can be found in slide 12 of document GRE-87-07. He stressed the need to keep some of the current marking, in order not to lose information.</p> <p>The SLR could not reach a final conclusion on slide 4 of document SLR-59-09. The UI subject will remain on the SLR agenda where the discussion with CITA will continue at the next meetings also concerning how to manage embedded UIs with regard to the summary document.</p> <p>SLR will continue to provide assistance and feedback to IWG-DETA as needed.</p>	
<p>9.</p>	<p>Stage 2 / Step 2 - Specific items or general topics for consideration</p> <ul style="list-style-type: none"> - Grouping and prioritising of topics - Dutch input on specific items: Apparent surface - Appearance of signal lamps (experimental study in 2011) <p>Document SLR-52-03/Rev.7 is the latest collection of input from CPs and NGOs, reflecting the status as at the end of SLR-59. Further to the consideration of the experimental study presented by Mrs. Barton (doc. SLR-58-05), SLR agreed on the importance to define how to do the test and what to test in order to obtain comparable results.</p> <p>The experts from The Netherlands were invited to consider drafting an update for future consideration, based on SLR-57-03, taking into account the discussions at SLR-57. If time allows, the discussion will resume at SLR-60, otherwise at the subsequent session.</p> <p>All SLR members (both CPs and NGOs) were requested to study doc. SLR-52-03/Rev.7 and to provide input on contents of the specific items. The discussion will continue on the basis of the input from the SLR members and, in particular, from those CPs/NGOs who proposed the various subjects.</p> <p>SLR observed that “Stage 2 / Step 2” will become the main item from SLR-61 (March 2023). The priority at the next (60th) SLR session will be to complete the preparation of the proposals for “device transition” and “headlamp levelling” that SLR shall deliver to GRE-88 prior to the 30 January 2023 deadline.</p>	<p>SLR-52-03/Rev.7 SLR-57-03 SLR-58-05</p>
<p>10.</p>	<p>“CPs moment”</p> <p>The Secretary provided a summary of the main results from this meeting with a focus on the finalisation of the proposals for “Headlamp levelling” and “Device transition”. Furthermore, he recalled the importance for all the CPs to contribute actively in the Stage 2 / Step 2 discussions.</p> <p>The Chairman announced the discontinuation of the CPs moment as of the next SLR session. He explained that it was initially introduced to encourage the participation of more CPs to the regular SLR sessions but eventually it had the opposite effect.</p>	

11.	<p>Any Other Business No other business was discussed.</p>	
12.	<p>Next meeting(s) The SLR agreed the following meeting schedule: ➤ 60th SLR meeting - Hybrid in Brussels (BE) on 18-20 January 2023 ➤ 61st SLR meeting - Hybrid in Brussels (BE) on 22-24 March 2023</p>	
13.	<p>Closure The Chairman thanked all the participants for the great achievements reached during the year. Before closing the meeting, he wished everyone nice Christmas holidays and a healthy new year 2023.</p>	

**Participation at 59th SLR meeting
Brussels + WebEx, 14-16 December 2022**

14 December 2022	15 December 2022	16 December 2022
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. Silke BARTON (CLEPA) *	Ms. Silke BARTON (CLEPA) *	Ms. Silke BARTON (CLEPA) *
Mr. Thomas BAUCKHAGE (CLEPA) *	Mr. Thomas BAUCKHAGE (CLEPA) *	Mr. Thomas BAUCKHAGE (CLEPA) *
Ms. Aurélie BERTHEL (OICA) *	Ms. Aurélie BERTHEL (OICA) *	Ms. Aurélie BERTHEL (OICA) *
Mr. Sebastian FAHR (OICA) *	Mr. Jürgen EWALD (CLEPA)	Mr. Jürgen EWALD (CLEPA)
Mr. Marc FISCHER (DE)	Mr. Sebastian FAHR (OICA) *	Mr. Sebastian FAHR (OICA) *
Mr. Beny GRIGORESCU (GTB)	Mr. Eduard FERNÁNDEZ (CITA) *	Mr. Marc FISCHER (DE)
Mr. Frédéric HAY (CLEPA)	Mr. Marc FISCHER (DE)	Ms. Kiyomi FUJIMOTO (JP) - <i>Cps moment</i>
Mr. Pere HERNANDEZ (IMMA) *	Mr. Beny GRIGORESCU (GTB)	Mr. Manabu FUSHIMI (JP) - <i>Cps moment</i>
Mr. Gert LANGHAMMER (CLEPA)	Mr. Frédéric HAY (CLEPA)	Mr. Beny GRIGORESCU (GTB)
Mr. Kota NAKAHIRA (IMMA)	Mr. Pere HERNANDEZ (IMMA) *	Mr. Frédéric HAY (CLEPA)
Mr. Philipp PLATHNER (IEC)	Mr. Gert LANGHAMMER (CLEPA)	Mr. Pere HERNANDEZ (IMMA) *
Mr. Alfonso ROMERO (CLEPA) *	Mr. Kota NAKAHIRA (IMMA)	Mr. Timo KÄRKKÄINEN (FI) - <i>Cps moment</i>
Mr. Yuto SAKURAI (JP) *	Mr. Philipp PLATHNER (IEC)	Mr. Gert LANGHAMMER (CLEPA)
Mr. Lukas SCHWENKSCHUSTER (GTB)	Mr. Alfonso ROMERO (CLEPA) *	Mr. Kota NAKAHIRA (IMMA)
Mr. Tomasz TARGOSINSKI (PL)	Mr. Yuto SAKURAI (JP) *	Mr. Philipp PLATHNER (IEC)
	Mr. Lukas SCHWENKSCHUSTER (GTB)	Mr. Alfonso ROMERO (CLEPA) *
	Mr. Christophe TISSIER (CEMA)	Mr. Yuto SAKURAI (JP) *
		Mr. Walter SCHLAGER (IEC)
		Mr. Christophe TISSIER (CEMA)
		Mr. Wilfried VAN LAARHOVEN (NL)

Note: the asterisk "*" indicates those who have participated in person.