

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

61st meeting

Brussels, 22-24 March 2023

REPORT

		Documents
1.	Welcome and opening remarks The Chairman opened the meeting by welcoming all the participants. He observed that more people are again participating in-person, which is a good sign according to the Chairman.	
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-61-01/Rev.1.	SLR-61-01
4.	Approval of the reports of the previous sessions - 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 - Report 59 th meeting - Brussels (BE), 14-16 December 2022 - Report 60 th meeting - Brussels (BE), 18-20 January 2023 SLR approved the reports on the 56 th and 57 th sessions without modifications. The approval of the remaining SLR reports was postponed to the next session.	SLR-56-04 SLR-57-09 SLR-58-11 SLR-59-11 SLR-60-09
5.	SLR Proposals for GRE-88 - <u>Headlamp levelling</u> - Proposal for Reg. 48-09 - <u>Device transition</u> - Proposal for Reg. 48-09 - Proposal for Reg. 53-04 - Proposal for Reg. 74-03 - Proposal for Reg. 86-03 The participants took note of the SLR proposals submitted to GRE for discussion at the 88 th session in April 2023.	GRE/2020/8/Rev.3 GRE/2023/3 GRE/2023/4 GRE/2023/5 GRE/2023/6

	<p>Proposals for clarification and correction meant for the 01 series of amendments to UN Regulations Nos. 148, 149 and 150</p> <p>- Corrections to R148-01 SLR approved the correction proposed in the Part A of SLR-59-03; this will be reflected in SLR-53-11/Rev.6. The Part B was not approved as proposed; SLR agreed to amend Reg.48 instead. OICA will prepare an informal document for GRE-88 (based on the Part B of SLR-59-03/Rev.1 “not more than 0.25 cd”) addressing only the new 09 series of amendments to Reg.48, with the aim to avoid an initial Supplement to the 09 series. A similar amendment may be necessary for the previous series of amendments (from 03 onwards). To this end, advice will be sought from GRE on how to proceed.</p> <p>- Correction to R149-00 SLR took note that the proposal was only addressing the original series of amendment, in order to provide full consistency with Reg.19. SLR approved the proposal as amended in doc. SLR-59-05/Rev.1; this will be reflected in SLR-53-11/Rev.6.</p> <p>- Correction and supplement to R149-01 SLR approved the correction proposed in the Part 1 of SLR-61-04; this will be reflected in SLR-53-11/Rev.6. The additional text proposed in the Part 2 was supported by SLR but not considered within its scope. The German representative will prepare an informal document for GRE-88, based on Part 2 of SLR-61-04.</p> <p>Furthermore, the “Homework team R149” will draft a proposal for SLR-62 to clarify Par. 3.2. of Reg. 149-01 with the purpose to continue to allow granting one single approval for a headlamp with both passing-beam and driving-beam or for an AFS with different classes. SLR noted that a simple solution could be to replace the reference to “Table 1” with “paragraph 1” (same approach as in Reg. 148-01).</p> <p>- Correction to R150-01 about “Resistance to weathering” SLR approved the correction proposed in document SLR-59-01; this will be reflected in SLR-53-11/Rev.6.</p> <p>The latest collection of proposals to correct and to clarify provisions in the device Regulations, reflecting the status as at the end of SLR-61, was circulated as document SLR-53-11/Rev.6. This will remain a living document until SLR-62 in June, when it will be “closed” to prepare formal proposals for GRE-89 in October 2023.</p>	<p>SLR-53-11/Rev.5</p> <p>SLR-59-03</p> <p>SLR-59-05</p> <p>SLR-61-04</p> <p>SLR-59-01</p>
<p>7.</p>	<p>Stage 2 / Step 2 - Specific items or general topics for consideration</p> <p><i>Note from SLR-60: all SLR members (both CPs and NGOs) were reminded 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 SLR members and, in particular, from those CPs/NGOs who proposed the various subjects.</i></p> <ul style="list-style-type: none"> - Grouping and prioritising of topics - Dutch input on specific items: Apparent surface (<i>for information only</i>) - Appearance of signal lamps (experimental study in 2011) - Apparent surface; Measurement approach 	<p>SLR-52-03/Rev.7</p> <p>SLR-57-03</p> <p>SLR-58-05</p> <p>SLR-61-05</p>

	<ul style="list-style-type: none"> - Dutch discussion document on Apparent Surface - General review of Reg. 48 <p>Document SLR-52-03/Rev.7 has been reviewed and improved. SLR agreed to include the additional item proposed by IEC concerning technology-neutrality for light sources. IEC will draft a discussion paper for SLR-62, with the aim to consider the necessary modifications to achieve technology-neutrality for light sources as far as possible/reasonable.</p> <p>The new item proposed by CLEPA regarding the use of the H-plane for installation limit was also considered. OICA representatives expressed concerns that the proposal might cause difficulties. SLR agreed to defer the decision on this item at SLR-62, where CLEPA will draft a discussion document with examples, with the aim to better understand the pros and cons to use H-plane for installation limit.</p> <p>Regarding the subject “apparent surface”, documents SLR-61-03 and SLR-61-05 were considered and SLR agreed on the need to simplify the current situation: be as close as possible to reality, but without unnecessary complications. All CPs and NGOs were invited to provide input for consideration at SLR-62.</p> <p>The Secretary recalled that during the preparation of the SLR proposals for “Device Transition”, SLR agreed on the need to carry out a general editorial review of Reg. 48 and also to align the terminology among the installation and device regulations. This editorial exercise shall involve all the “Homework Teams”. To facilitate this work, he has started to compile a list of editorial improvements as shown in doc. SLR-61-02. SLR reviewed this list and added some items for considerations, as reflected in document SLR-61-02/Rev.1.</p> <p>All SLR members (both CPs and NGOs) were reminded to study the latest list of topics for consideration during the Stage 2 / Step 2 (doc. SLR-52-03/Rev.8) and to provide input on contents of the specific items.</p> <p>The discussion will continue at SLR-62 on the basis of the input received.</p>	<p>SLR-61-03 SLR-61-02</p>
<p>8.</p>	<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 - CITA input to SLR-61 - Open questions (e.g. from IWG-DETA), if any - SLR Table on UI marking (based on DETA-45-07-Rev.1) <p>SLR recognised that there are cases where the UI would not be needed as there is enough space, but there are other cases where markings on the device are a real problem. A compromise solution could be to define a maximum threshold for the size of the device within which it would be allowed to use the UI without additional marking. As an alternative, all markings could be moved on the body of the vehicle. In any case, the first step should be to decide which markings should stay because they are really necessary.</p>	<p>GRE-87-24/Rev.1 DETA-45-07/Rev.1 DETA-46-04 SLR-59-09 SLR-61-06</p>

	<p>The CITA representative presented document DETA-46-04 and pointed out his concerns. Regarding the example in slide 8, SLR observed that, instead of issuing two UIs for left and right units, a possible alternative could be to use only one UI and to add the arrow indicating right or left.</p> <p>In general, CITA explained that some aspects are not yet clear, therefore it is not possible to decide now for which UN Regulations the use of UI should be prohibited and, when allowed, what additional physical marking should remain on the product.</p> <p>IMMA expressed a neutral position about prohibiting UI in Regulations Nos. 53 and 74. OICA will discuss this matter internally and will report accordingly at the GRE-88.</p> <p>Document SLR-61-06 is the first SLR draft assessment of the UN Regulations Nos. 148, 149 and 150 with regards to UI (based on DETA-45-07/Rev.1). During the discussion at GRE-88, SLR may share some general information about the status of the assessment, however further consideration is necessary within SLR before submission of this document to GRE.</p>	
9.	<p>SLR draft status report and presentation for GRE-88</p> <p>The draft progress Report to GRE was carefully reviewed and improved, as reflected in SLR-61-07. This document, after some final polishing, will be sent to GRE.</p>	SLR-61-07
10.	<p>Any Other Business</p> <p>- Interpretation of “series” in the “Aide-mémoire” of TPs Guidelines</p> <p>SLR took note of document WP.29-189-13/Rev.1, prepared by IWG on IWVTA in the attempt to clarify the current guidelines for transitional provisions, regarding the interpretation of the term “series” as singular or plural in the phrase “the preceding series of amendments” in English. The discussion will continue at the next WP.29 sessions.</p>	WP29-189-13/Rev1
11.	<p>Next meeting(s)</p> <p>The SLR agreed the following meeting schedule:</p> <ul style="list-style-type: none"> ➤ 62nd SLR meeting - Hybrid in Brussels (BE) on 26-28 June 2023 ➤ 63rd SLR meeting - Hybrid in Brussels (BE) on 30 Aug. / 1 Sep. 2023 ➤ 64th SLR meeting - Hybrid in Brussels, on [10-11 October] 2023 	
12.	<p>Closure</p> <p>Mr. Kohyama informed that, due to a new assignment within his company, he will move back to Japan and will no longer be able to participate regularly in SLR. His successor will be announced soon and will be able to attend in person the future SLR sessions.</p> <p>The Chairman, on behalf of all the SLR members, thanked Mr. Kohyama for the continuous support over the years, noting especially his valuable contributions to Reg. 150 in the corresponding Homework Team, and wished him success for the new task. He then thanked all the participants for their fruitful contributions and closed the meeting.</p>	

**Participation at 61st SLR meeting
Brussels + WebEx, 22-24 March 2023**

22 March 2023	23 March 2023	24 March 2023
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. Aleksander LAZAREVIC (EC, SLR Vice-Chair) *
Mr. Yoshiro AOKI (JP)	Mr. Patrice BAILLET (FR)	Mr. Davide PUGLISI (GTB, SLR Secr) *
Mr. Patrice BAILLET (FR)	Mrs. Silke BARTON (CLEPA) *	Mr. Patrice BAILLET (FR)
Mrs. Silke BARTON (CLEPA) *	Mr. Thomas BAUCKHAGE (CLEPA)	Mrs. Silke BARTON (CLEPA) *
Mr. Thomas BAUCKHAGE (CLEPA)	Ms. Aurélie BERTHEL (OICA) *	Mr. Thomas BAUCKHAGE (CLEPA)
Ms. Aurélie BERTHEL (OICA) *	Mr. Jürgen EWALD (CLEPA) *	Ms. Aurélie BERTHEL (OICA) *
Mr. Jürgen EWALD (CLEPA) *	Mr. Sebastian FAHR (OICA) *	Mr. Jürgen EWALD (CLEPA) *
Mr. Sebastian FAHR (OICA) *	Mr. Eduard FERNÁNDEZ (CITA) *	Mr. Sebastian FAHR (OICA) *
Mr. Marc FISCHER (DE)	Mr. Marc FISCHER (DE)	Mr. Marc FISCHER (DE)
Mr. Valter GENONE (GTB)	Mr. Manabu FUSHIMI (JP)	Mr. Valter GENONE (GTB)
Mr. Marcin GORZKOWSKI (SAE)	Mr. Valter GENONE (GTB)	Mr. Beny GRIGORESCU (GTB)
Mr. Beny GRIGORESCU (GTB)	Mr. Marcin GORZKOWSKI (SAE)	Mr. Frédéric HAY (CLEPA)
Mr. Frédéric HAY (CLEPA)	Mr. Beny GRIGORESCU (GTB) *	Mr. Pere HERNANDEZ (IMMA) *
Mr. Pere HERNANDEZ (IMMA) *	Mr. Frédéric HAY (CLEPA)	Mr. Timo KÄRKKÄINEN (FI)
Mr. Timo KÄRKKÄINEN (FI)	Mr. Pere HERNANDEZ (IMMA) *	Mr. Takahiro KOHYAMA (JP)
Ms. Yoko KATO (JP)	Mr. Timo KÄRKKÄINEN (FI)	Mr. Gert LANGHAMMER (CLEPA) *
Mr. Takahiro KOHYAMA (JP)	Mr. Gert LANGHAMMER (CLEPA) *	Mr. Frederic MASSON (CLEPA)
Mr. Gert LANGHAMMER (CLEPA) *	Mr. Frederic MASSON (CLEPA)	Mr. Michael PERNKOPF (CLEPA)
Mr. Frederic MASSON (CLEPA)	Mr. Paul-Henri MATHA (GTB)	Mr. Jean-Marc PRIGENT (OICA)
Mr. Antoine PAMART (FR)	Mr. Michael PERNKOPF (CLEPA)	Mr. Alfonso ROMERO (CLEPA) *
Mr. Michael PERNKOPF (CLEPA)	Mr. Philipp PLATHNER (IEC)	Mr. Walter SCHLAGER (NL) *
Mr. Philipp PLATHNER (IEC)	Mr. Jean-Marc PRIGENT (OICA)	
Mr. Jean-Marc PRIGENT (OICA)	Mr. Alfonso ROMERO (CLEPA) *	
Mr. Alfonso ROMERO (CLEPA) *	Mr. Walter SCHLAGER (NL) *	
Mr. Walter SCHLAGER (NL) *		

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