

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

62nd meeting

Brussels, 26-28 June 2023

REPORT

		Documents
1.	<p>Welcome and opening remarks</p> <p>The Chairman opened the meeting by welcoming all the participants. He thanked the whole group for the good work done, which was agreed at the last (88th) GRE in April. A special welcome was given to Ms. Strandell, attending SLR for the first time as Swedish representative.</p>	
2.	<p>Introduction of participants and organisations</p> <p>A list of all participants is available in Annex 1 to this Report.</p>	
3.	<p>Adoption of the agenda</p> <p>The agenda was adopted with the insertion of new documents. A revised agenda, reflecting the agreed modifications, was circulated as document SLR-62-05/Rev.1.</p>	SLR-62-05
4.	<p>Approval of the reports of the previous sessions</p> <ul style="list-style-type: none"> - Report 58th meeting - Brussels (BE), 12-14 October 2022 - Report 59th meeting - Brussels (BE), 14-16 December 2022 - Report 60th meeting - Brussels (BE), 18-20 January 2023 - Report 61st meeting - Brussels (BE), 22-24 March 2023 <p>SLR approved the reports on the 58th and 59th sessions without modifications. The approval of the remaining SLR reports was postponed to the next session.</p>	<p>SLR-58-11</p> <p>SLR-59-11</p> <p>SLR-60-09</p> <p>SLR-61-10</p>
5.	<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"> - Correction of typo in Table 8 of R148-01 <p>SLR approved the corrections proposed as well as an additional one, as indicated in document SLR-62-02/Rev.1. The contents of this document will be reflected in SLR-53-11/Rev.7.</p> <ul style="list-style-type: none"> - Correction of photometric stability test point of Passing beam and AFS Class C in R149-01 <p>Document SLR-62-01/Corr.1 was endorsed by SLR, but it will not be part of the SLR proposals for GRE-89. It will be submitted by GTB as a separate proposal to GRE-89.</p>	<p>SLR-53-11/Rev.6</p> <p>SLR-62-02</p> <p>SLR-62-01/Corr.1</p>

	<p>- HWT-R149 proposal to clarify Par. 3.2. of Reg. 149-01 SLR approved the clarifications proposed in document SLR-62-06; this will be reflected in SLR-53-11/Rev.7.</p> <p>- HWT-R150 proposals to correct Reg. 150-01 SLR identified and approved during the meeting some corrections to the Table 6 (doc. SLR-62-12) and to the Annexes 1 and 6 (doc. SLR-62-13); this will be reflected in SLR-53-11/Rev.7.</p> <p>SLR checked and finalised the justifications for each proposed correction and clarification. The working document resulting from SLR-62, including track-changes and the origin of each amendment, was circulated for information as document SLR-53-11/Rev.7.</p> <p>A “clean” version of SLR-53-11/Rev.7, where all the modifications have been accepted and the comments removed, has also been distributed with the new reference SLR-62-11. This document will be used to produce 3 formal proposals for GRE-89, one for each device Regulation.</p>	<p>SLR-62-06</p> <p>SLR-62-12 SLR-62-13</p>
6.	<p>Correction to Reg. 48-08 and 09 SLR approved the proposed corrections to Reg. 48 (series 06 to 09) as reflected in document SLR-62-03/Rev.1 and agreed to submit it as a formal proposal for GRE-89. GRE will decide whether it would be appropriate to extend this amendment to the older series, starting from the 03 series.</p>	SLR-62-03
7.	<p>Stage 2 / Step 2 - Specific items or general topics for consideration <i>Note from SLR-61: all SLR members (both CPs and NGOs) were reminded to study doc. SLR-52-03/Rev.8 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> <p>- Grouping and prioritising of topics</p> <p><i>For information and reference:</i></p> <ul style="list-style-type: none"> - Dutch input on specific items: Apparent surface - Appearance of signal lamps (experimental study in 2011) - Apparent surface; Measurement approach - Dutch discussion document on Apparent Surface - General review of Reg. 48 <p><i>New input for SLR-62:</i></p> <ul style="list-style-type: none"> - Apparent surface; oral input from GTB - IEC discussion paper on necessary modifications to achieve technology-neutrality for light sources as far as possible/reasonable - CLEPA discussion document with examples, to better understand the pros and cons to use H-plane for installation limit - Ideas to improve visibility of direction indicators; Input by Germany <p><i>Allocation of work and tasking</i></p> <p>The representative of the Netherlands briefly reported on the latest status of the Dutch proposal. He explained that input and support from lighting experts is needed, especially from testing laboratories.</p>	<p>SLR-52-03/Rev.9</p> <p>SLR-57-03 SLR-58-05 SLR-61-05 SLR-61-03 SLR-61-02/Rev.2</p> <p>SLR-62-07 SLR-62-09 SLR-62-08</p>

Dr. Kooss introduced his idea for a new approach for determining the apparent surface. SLR expressed its openness towards any new method that may simplify the current situation. He announced that, on the basis of this initial idea, GTB will produce a draft paper for consideration, if possible, at SLR-63.

The Chairman recalled that the apparent surface is not a goal in itself, but a means/metric to check various installation requirements, to ensure safety. He informed that the SLR Officers will draft an overview for SLR-63 of the various inputs received.

Mr. Grigorescu pointed out the need to keep both methods (illuminating surface and light emitting surface) in order to avoid problems with the angles of geometric visibility. To explain his comment he showed a paper, distributed afterwards as document SLR-62-14.

OICA commented that the current system, in most of the cases, seems to be working reasonably well, so it would be interesting to know how often today's methods regarding the apparent surface do not reflect the reality. It was suggested that OCA could make such survey. Subsequently, OICA offered to provide some input at SLR-63 on the "apparent surface" discussion.

IMMA undertook to prepare a discussion document for SLR-63 about the potential improvements of the definitions in Regs. 53 and 74.

The Secretary offered to produce for SLR-63 a document, based on the consolidated Reg. 48-08, including all the editorial improvements identified already by SLR (see doc. SLR-61-02/Rev.2). This document will become the baseline document for all the further SLR amendments to R48 during the Stage 2 / Step 2. As soon as the 09 series of amendments will be adopted by WP.29, the SLR baseline document will be updated accordingly.

IEC produced a presentation (doc. SLR-62-07) with a list of topics under consideration to achieve technology-neutrality for light sources. The document was discussed by SLR and the debate about tell-tale requirements for dipped beam (Par. 6.2.8.2.) generated a new paper, distributed as SLR-62-15.

IEC will prepare an updated proposal for SLR-63, based on SLR-62-07/Rev.1, and will further discuss document SLR-62-15 with GTB. The discussion will resume at SLR-63.

SLR recognised that the outcome of the Stage 2 / Step 2, most likely, will result in a new (10) series of amendments to Reg. 48.

The representative of Germany presented some ideas to improve the visibility of direction indicators (doc. SLR-62-08). He explained that the apparent surface should be increased; however it is not only a matter of size, but a combination of size, photometry and distance to other functions. Dr. Kooss mentioned that mixing of functions may need to be avoided and we may think about separating them. He observed that a solution could be to forbid incorporating functions or to review the intensity ratio.

	<p>The IMMA representative pointed out that any new requirement should target a safety need. At present there is no evidence that the current size of the DI represents a safety problem therefore he was not in favour to increase the size.</p> <p>The representative of Germany will draft a discussion document for SLR-63, based on SLR-62-08 and the comments received.</p> <p>SLR will continue the discussion at SLR-63 regarding the use of the H-plane for installation limit (doc. SLR-62-09) and will decide where this topic should be added to the list of subjects for Stage 2 / Step 2.</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.9) and to provide input on contents of the specific items.</p> <p>The discussion will continue at SLR-63 on the basis of the input received.</p>	
8.	<p>UI and the “Summary document”</p> <ul style="list-style-type: none"> - Outcome GRE-88 (<i>see ECE/TRANS/WP.29/GRE/88, paras 12 to 14</i>) - Assessment of UN Regs under the purview of GRE with regards to UI - CITA position at GRE-88 (<i>documents GRE/2022/13 and GRE-87-07, for information</i>) - Open questions (e.g. from IWG-DETA), if any - SLR Table on UI marking (based on GRE-88-26 and SLR-61-06) - Unique Identifier - Rescue plan <p>The GRE Chairman provided a brief summary of the discussion at the recent 190th WP.29 session (20-22 June 2023). He reported about the general lack of support for UI in the various GRs as well as the big administrative burden to prohibit its use.</p> <p>In addition to that, the CITA representative pointed out the significant problem of funding since it would not be sustainable to keep the UI in place just for 3 Regulations.</p> <p>The OICA representative reported that UI would not be needed for installation Regulations as well as for EMC. He added that the UI would not bring any benefit for installation Regulations. The IMMA representative, although generally neutral regarding forbidding ‘UI’ or not, shared the same opinion and observed that, regardless of the final GRE decision, for consistency, Regs. 53 and 74 will have to be aligned with Reg. 48.</p> <p>The CITA representative furthermore explained that the UI is not necessary to manage the DETA database, for this reason the CPs have lost interest. The representative of Finland confirmed that DETA, without UI, works well among the Type Approval Authorities.</p> <p>SLR-62-04/Rev.1 is the latest SLR Table on UI marking, reflecting the status as at the end of SLR-62. The document is based on GRE-88-26 and takes into account the outcome of discussion at GRE-88 (<i>see ECE/TRANS/WP.29/GRE/88, paras 12 to 14</i>) and doc. SLR-61-06. Further discussion is necessary within SLR before submission to GRE.</p>	<p>GRE-88-26</p> <p>SLR-59-09</p> <p>SLR-62-04</p> <p>SLR-62-10</p>

<p>9.</p>	<p>SLR draft consolidation of the proposals for Reg. 48-09 <i>(see ECE/TRANS/WP.29/GRE/88, para 21)</i></p> <p>GTB offered to produce for SLR-63 a draft consolidation of the proposals for Reg. 48-09 adopted by GRE-88. After SLR review, the document can be provided to the GRE Secretariat as a tool to facilitate the visualisation (and cross-checking) of the whole package of modifications composing the new 09 series of amendments.</p>	
<p>10.</p>	<p>Any Other Business</p> <p>No other business was discussed.</p>	
<p>11.</p>	<p>Next meeting(s)</p> <p>The SLR agreed the following meeting schedule:</p> <ul style="list-style-type: none"> ➤ 63rd SLR meeting - Hybrid in Brussels, on 30 Aug. / 1 Sep. 2023 ➤ 64th SLR meeting - Hybrid in Brussels, on 8-10 November 2023 ➤ 65th SLR meeting - Hybrid in Brussels, on 13-15 December 2023 	
<p>12.</p>	<p>Closure</p> <p>The Chairman reiterated he is very proud of the IWG-SLR and thanked all the participants for their fruitful contributions and closed the meeting.</p>	

**Participation at 62nd SLR meeting
Brussels + WebEx, 26-28 June 2023**

26 June 2023	27 June 2023	28 June 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. Davide PUGLISI (GTB, SLR Secr) *
Mrs. Silke BARTON (CLEPA)	Mrs. Silke BARTON (CLEPA)	Mrs. 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. Beny GRIGORESCU (GTB)	Mr. Jürgen EWALD (CLEPA) *	Mr. Jürgen EWALD (CLEPA) *
Mr. Frédéric HAY (CLEPA)	Mr. Marc FISCHER (DE)	Mr. Eduard FERNÁNDEZ (CITA) *
Mr. Pere HERNANDEZ (IMMA)	Mr. Marcin GORZKOWSKI (SAE)	Mr. Marc FISCHER (DE)
Mr. Timo KÄRKKÄINEN (FI)	Mr. Beny GRIGORESCU (GTB) *	Mr. Manabu FUSHIMI (JP)
Mr. Gert LANGHAMMER (CLEPA)	Mr. Mark GRAINGER (OICA)	Mr. Beny GRIGORESCU (GTB) *
Mr. Kota NAKAHIRA (IMMA)	Mr. Frédéric HAY (CLEPA)	Mr. Mark GRAINGER (OICA)
Mr. Antoine PAMART (FR)	Mr. Pere HERNANDEZ (IMMA) *	Mr. Frédéric HAY (CLEPA)
Mr. Jean-Marc PRIGENT (OICA)	Mr. Timo KÄRKKÄINEN (FI)	Mr. Pere HERNANDEZ (IMMA) *
Mr. Alfonso ROMERO (CLEPA) *	Mr. Dieter KOOß (GTB)	Mr. Timo KÄRKKÄINEN (FI)
Mr. Walter SCHLAGER (IEC)	Mr. Gert LANGHAMMER (CLEPA)	Mr. Dieter KOOß (GTB)
Ms. Sara STRANDELL (SE)	Mr. Frederic MASSON (CLEPA)	Mr. Gert LANGHAMMER (CLEPA)
	Mr. Eddy MERHEJ (CA)	Mr. Frederic MASSON (CLEPA)
	Mr. Kota NAKAHIRA (IMMA)	Mr. Eddy MERHEJ (CA)
	Mr. Michael PERNKOPF (CLEPA)	Mr. Kota NAKAHIRA (IMMA)
	Mr. Philipp PLATHNER (IEC)	Mr. Philipp PLATHNER (IEC)
	Mr. Jean-Marc PRIGENT (OICA)	Mr. Jean-Marc PRIGENT (OICA)
	Mr. Walter SCHLAGER (IEC)	Mr. Alfonso ROMERO (CLEPA) *
	Mr. Lukas SCHWENKSCHUSTER (GTB)	Mr. Walter SCHLAGER (IEC)
	Ms. Sara STRANDELL (SE)	Ms. Sara STRANDELL (SE)

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