

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

39th meeting

WebEx, 7-10 July 2020

REPORT

		Documents
1.	Welcome and opening remarks Mr. Rovers, substituting Mr. Loccufier as Chairman, opened the meeting welcoming all the participants. He informed that, in order to take advantage of the time available during lockdown, since the last SLR session the “homework teams” have held three ad-hoc informal meetings via WebEx to make editorial progress with the three new Regulations. As agreed, no decision was taken during these meetings, only recommendations for SLR-39.	
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-39-12/Rev.1.	SLR-39-12
4.	Approval of the reports of the previous sessions - Report 37 th meeting - Brussels, 2-5 March 2020 - Report 38 th meeting - WebEx, 27-29 May 2020 The approval of the last SLR reports was postponed to the next session.	SLR-37-16 SLR-38-28
Items 5. to 15.	Summary of the main outcome and actions to be done <u>Stage 2 (Step 1) simplification (Item 5)</u> UN Regulation No. 148 (LSD). The latest draft consolidated document is SLR-39-05/Rev.1. This document reflects all the latest modifications (a “check-list” is available in doc. SLR-39-07/Rev.1). The amendments concerning the light sources have not yet fully implemented (see documents SLR-35-05/Rev.1 and SLR-37-07/Rev.1). The discussion on Table 2 “Change Index” is also not yet finished. A presentation explaining	

the most important modifications done until now is available as document SLR-39-06.

UN Regulation No. 149 (RID). The latest draft consolidated document is SLR-39-10/Rev.1. This document reflects the latest status of discussion at the SLR-39 and includes the main observations made during the meeting as well as the proposed amendments concerning “Matched pair” (doc. SLR-39-11/Rev.1). This document also includes the assigned tasks such as: GTB shall improve Annex 1, Beny Grigorescu volunteered to review Annex 13, Gert Langhammer offered to draft a presentation explaining the most important modifications done until now, “Homework-team R149” to produce a list of open issues similar to SLR-39-07.

SLR-39 agreed to keep the 0.25° tolerance in the Tables 16, 17 and 18. It was also agreed to keep Par. 4.5.2.4. as it is. However, OICA will ask advice to the TF EMC and report back to SLR.

UN Regulation No. 150 (RRD). The latest draft consolidated document is still SLR-36-10/Rev.1. The updated consolidation is under preparation and will include all the modifications indicated in documents SLR-39-01/Rev.1 and SLR-39-09/Rev.1. Regarding SLR-39-02, the examples of curved marking will stay in the 01 series as well as the contour marking “C”. The discussion on R150 will resume at the SLR-40 on the basis of an updated text to be provided by Mr. Ewald.

UN Regulations on Installation. Documents SLR-39-03/Rev.1 (R48), SLR-39-17 (R53), SLR-39-18 (R74) and SLR-39-21/Rev.1 (R86) were considered and agreed in principle. Final check at SLR-40. Further to the adoption of the documents by SLR-40, similar amendments will be prepared for the other (lower) series of amendments as appropriate.

Mr. Tissier will split the proposal for R86 (SLR-39-21/Rev.1) in two parts: one dealing with corrections to the Stage 1 document (this shall be provided to Mr. Puglisi by 17 July 2020 for submission to GRE-83 as a formal proposal) and one concerning the Stage 2 (indicated as part “B” in the document, i.e. Paras. 6.1.2. and 6.2.2.).

Note: WebEx meetings involving the homework team leaders (Mr. Bauckhage, Mr. Langhammer, Mr. Ewald), the SLR officers (Mr. Loccufier, Mr. Lazarevic, Mr. Rovers, Mr. Puglisi) plus IMMA (Mr. Hernandez), CEMA (Mr. Tissier) and OICA (Mr. Prigent) will be organised in the following weeks to make editorial progress with the three new UN Regulations. No decision will be taken during these meetings, only recommendations for SLR-40.

Scientific notation (Item 5.5)

Mr. Kooss will draft a presentation for SLR-40 on the basis of document SLR-39-04/Rev.1 plus the following Tables as examples: R148 (Table 8), R149 (Table 6), R150 (Table 3). Once approved by SLR, the presentation will be made at GRE-83 to introduce the scientific notation.

GRE priorities (Item 6)

Mr. Rovers will provide a copy of the “top priority list” as presented at the AC.2 session in June 2020. This document will become SLR-38-27/Rev.1 and then will be submitted by the GRE Chairman to GRE-83 for consideration together with GRE-83-04.

Corrections to UN Regulations (Item 7)

- **Reg. 48:** SLR-39-25 contains the necessary modifications to R48-06 (Suppl. 12 and 13) agreed by SLR-39. Mr. Puglisi will contact the GRE Secretary to find the most suitable way to introduce these corrections.
- **Reg. 53:** SLR-39-15 will be sent by SLR to GRE-83, if possible, as a formal proposal, otherwise as an informal document.
- **Reg. 74:** SLR-39-16 will be sent by SLR to GRE-83 as a formal proposal.
- **Reg. 86:** SLR-39-21/Rev.1 (except the parts “B” concerning Stage 2) will be sent to GRE-83 as a formal proposal.
- **Reg. 148:** GRE/2020/09 will be amended to include the improvements in SLR-38-06 (failure clarifications). The revised document will be submitted by SLR to GRE-83 as GRE/2020/09/Rev.1.
- **Reg. 149:** GRE/2020/10 will be amended to include the improvements in SLR-38-01/Rev.1 (correct point 25LL in Annex 7) and SLR-38-18/Rev.1 (missing examples in Annex 13). The revised document will be submitted by SLR to GRE-83 as GRE/2020/10/Rev.1. In addition to that, an informal document might be sent to GRE-83 to clarify the failure detection requirements (see SLR-39-26).
- **Regs. 98 and 123:** SLR-38-02/Rev.2 (in the R123 part, correct cd values in Annex 2 and point 25LL in Annex 4) will be submitted to GRE-83 as GRE/2020/11/Rev.1.
- **Reg. 150:** GRE/2020/12 will be amended to include the improvements in SLR-38-26/Rev.1 (Tables of chronological order of tests) and SLR-39-08/Rev.1 (missing TOP mark and unique marking requirement). The Figures A24-I shall also be fixed (a/2 → a/3, spaces, etc.). The revised document will be submitted by SLR to GRE-83 as GRE/2020/12/Rev.1.

Headlamp levelling (Item 8)

GRE/2020/08 will be amended to include the detailed technical justifications (SLR-39-19/Rev.1) after a final check by OICA (reply by OICA expected before 17 July 2020). The revised document will be submitted by SLR to GRE-83 as GRE/2020/08/Rev.1 pointing out that nothing has changed in the proposal, except for the justification which has been significantly improved. OICA will send to GRE-83 a separate proposal to retain the manual headlamp levelling option (see SLR-39-20 and SLR-39-24).

	<p><u>Application of frozen Regulations (Item 10)</u></p> <p>SLR-39 concluded that, for the sake of consistency, the preferred option among those listed in SLR-35-20/Rev.2 was the #6 (i.e. old/old or new/new). However, the option #5 was considered a possible option in addition to option #6. This subject will be on the agenda for SLR-40 for further discussion. GRE will be asked by SLR to indicate in its minutes how to correctly apply the frozen UN Regulations.</p>	
16.	<p>Next meeting(s)</p> <p>The SLR agreed the following meeting schedule:</p> <ul style="list-style-type: none"> ➤ 40th SLR meeting – WebEx, on 26-28 August 2020 ➤ 41st SLR meeting – WebEx, on 21-23 September 2020 <p>Due to COVID-19 pandemic, the next meetings will be WebEx only.</p>	
17.	<p>Closure</p> <p>The Chairman thanked all the participants for their fruitful contribution, despite the additional difficulties caused by the corona virus, and closed the meeting.</p>	

Annex 1 to SLR-39-27

Participation at 39th SLR meeting WebEx, 7-10 July 2020

7 July 2020	8 July 2020	9 July 2020	10 July 2020
Mr. Davide PUGLISI (GTB, SLR Secr)	Mr. Davide PUGLISI (GTB, SLR Secr)	Mr. Davide PUGLISI (GTB, SLR Secr)	Mr. Davide PUGLISI (GTB, SLR Secr)
Mr. Derwin ROVERS (NL, Act. Chair)	Mr. Derwin ROVERS (NL, Act. Chair)	Mr. Derwin ROVERS (NL, Act. Chair)	Mr. Derwin ROVERS (NL, Act. Chair)
Mr. Thomas BAUCKHAGE (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)	Ms. Aurélie BERTHEL (OICA)
Mr. Eric BLUSSEAU (GTB)	Mr. Subrat DASH (IMMA)	Mr. Subrat DASH (IMMA)	Mr. Niklas BLOMQVIST (OICA)
Mr. Thomas GOLDBACH (OICA)	Mr. Jürgen EWALD (CLEPA)	Mr. Sebastian FAHR (OICA)	Mr. Subrat DASH (IMMA)
Mr. Mark GRAINGER (OICA)	Mr. Manabu FUSHIMI (JP)	Mr. Thomas GOLDBACH (OICA)	Mr. Sebastian FAHR (OICA)
Mr. Beny GRIGORESCU (GTB)	Mr. Thomas GOLDBACH (OICA)	Mr. Mark GRAINGER (OICA)	Mr. Thomas GOLDBACH (OICA)
Mr. Frédéric HAY (CLEPA)	Mr. Mark GRAINGER (OICA)	Mr. Beny GRIGORESCU (GTB)	Mr. Mark GRAINGER (OICA)
Mr. Pere HERNANDEZ (IMMA)	Mr. Beny GRIGORESCU (GTB)	Mr. Frédéric HAY (CLEPA)	Mr. Beny GRIGORESCU (GTB)
Mr. Dieter KOOß (DE)	Mr. Frédéric HAY (CLEPA)	Mr. Pere HERNANDEZ (IMMA)	Mr. Frédéric HAY (CLEPA)
Mr. Takahiro KOYAMA (JP)	Mr. Pere HERNANDEZ (IMMA)	Mr. Dieter KOOß (DE)	Mr. Pere HERNANDEZ (IMMA)
Mr. Gert LANGHAMMER (CLEPA)	Mr. Kousuke HORII (JP)	Mr. Takahiro KOYAMA (JP)	Mr. Dieter KOOß (DE)
Mr. Antoine PAMART (FR)	Mr. Dieter KOOß (DE)	Mr. Gert LANGHAMMER (CLEPA)	Mr. Takahiro KOYAMA (JP)
Mr. Michael PERNKOPF (GTB)	Mr. Takahiro KOYAMA (JP)	Mr. Michael PERNKOPF (GTB)	Mr. Gert LANGHAMMER (CLEPA)
Mr. Philipp PLATHNER (IEC)	Mr. Gert LANGHAMMER (CLEPA)	Mr. Philipp PLATHNER (IEC)	Mr. Michael PERNKOPF (GTB)
Mr. Jean-Marc PRIGENT (OICA)	Mr. Paul Henri MATHA (GTB)	Mr. Jean-Marc PRIGENT (OICA)	Mr. Jean-Marc PRIGENT (OICA)
Mr. Walter SCHLAGER (IEC)	Mr. Antoine PAMART (FR)	Mr. Walter SCHLAGER (IEC)	Mr. Walter SCHLAGER (IEC)
Mr. Lukas SCHWENKSCHUSTER (GTB)	Mr. Michael PERNKOPF (GTB)	Mr. Lukas SCHWENKSCHUSTER (GTB)	Mr. Lukas SCHWENKSCHUSTER (GTB)
Mr. Wilfried VAN LAARHOVEN (NL)	Mr. Philipp PLATHNER (IEC)	Mr. Varun SHARMA (IMMA)	Mr. Wilfried VAN LAARHOVEN (NL)
	Mr. Jean-Marc PRIGENT (OICA)	Mr. Christophe TISSIER (CEMA)	
	Mr. Walter SCHLAGER (IEC)	Mr. Wilfried VAN LAARHOVEN (NL)	
	Mr. Lukas SCHWENKSCHUSTER (GTB)		
	Mr. Varun SHARMA (IMMA)		
	Mr. Christophe TISSIER (CEMA)		
	Mr. Wilfried VAN LAARHOVEN (NL)		