

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

56th meeting
Brussels, 27-29 June 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-56-02/Rev.1.	SLR-56-02
4.	Approval of the reports of the previous sessions - Report 49 th meeting - WebEx, 20-22 July 2021 - Report 50 th meeting - WebEx, 9-10 September 2021 - Report 51 st meeting - WebEx, 6-8 October 2021 - Report 52 nd meeting - WebEx, 15-17 December 2021 - 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 The approval of the SLR reports was postponed to the next session.	SLR-49-25 SLR-50-08 SLR-51-20 SLR-52-13 SLR-53-13 SLR-54-16 SLR-55-07
5.	Headlamp levelling - Outcome SLR special session: Brussels, 27 Jun 2022 (11:00-13:00 hrs) - Next steps (<i>see ECE/TRANS/WP.29/GRE/86, para 15</i>) The Chairman provided a brief summary of the recent SLR special session on “Headlamp levelling” pointing out that the discussion focused on the aiming diagram and possible improvements. All SLR members were invited to make concrete proposals to improve the aiming diagram by 2 September 2022 (see documents SLR-HL-30 and SLR-HL-28/Rev.1). The discussion will resume at the next SLR special “Hands-on” session planned on 13-14 September 2022 at LTIK in Karlsruhe (Germany). Provided this special meeting is successful, SLR may submit an informal proposal to GRE-87 in October 2022.	

<p>6.</p>	<p>SLR proposals for Stage 2 / Step 1 – Outcome of 187th WP.29 session on 21-24 June 2022 (for information only)</p> <ul style="list-style-type: none"> - UN Regulation No. 48.06 - UN Regulation No. 48.07 - UN Regulation No. 48.08 - UN Regulation No. 148.01 - UN Regulation No. 149.01 + <i>Informal document based on GRE/2022/4</i> - UN Regulation No. 150.01 - UN Regulation No. 48.03 - UN Regulation No. 48.04 - UN Regulation No. 48.05 - UN Regulation No. 53.01 - UN Regulation No. 53.02 - UN Regulation No. 53.03 - UN Regulation No. 74.01 - UN Regulation No. 74.02 - UN Regulation No. 86.01 - UN Regulation No. 86.02 <p>Mr. Kärkkäinen (GRE chairman) briefly reported on the outcome of the 187th WP.29 session concerning the SLR proposals for Stage 2 / Step 1 to introduce the 01 series of amendments to the device Regulations and associated amendments to the installation Regulations. He informed that the complete package was adopted by WP.29 and the proposals are expected to enter into force in 6-7 months.</p>	<p>WP.29/2022/89 WP.29/2022/90 WP.29/2022/91</p> <p>WP.29/2022/92 WP.29/2022/93 + WP.29-187-05 WP.29/2022/94</p> <p>WP.29/2022/95 WP.29/2022/96 WP.29/2022/97 WP.29/2022/98 WP.29/2022/99 WP.29/2022/100 WP.29/2022/101 WP.29/2022/102 WP.29/2022/103 WP.29/2022/104</p>
<p>7.</p>	<p>UI and the “Summary document”</p> <ul style="list-style-type: none"> - Updated draft for further improvements - UI impact on periodic and roadside inspection (CITA paper at WP.29) - CITA draft concrete proposal - Submission to GRE-87 (<i>see ECE/TRANS/WP.29/GRE/86, para 10</i>) <p>The SLR draft proposal to introduce the usage of a “summary document” to support the UI (doc. SLR-55-01/Rev.1) was improved during the meeting as reflected in the updated document SLR-55-01/Rev.2. The Secretary will extend the current text to Regulations No. 149 and 150 and will share the updated proposal to the “Homework teams” for final check prior to the submission to GRE-87 as three formal documents (i.e. one for each device Regulation).</p> <p>The Chairman provided a brief summary on the recent WP.29 outcome of discussion and concluded that the UI is currently “on hold”. Mr. Kärkkäinen added that, for the time being, there is no final answer whether the text of the individual Regulations should explicitly allow it, despite the Rev. 3 of the 1958 Agreement - which is the master document - allows to use the UI.</p> <p>Mr. Fernandez (CITA) introduced documents SLR-56-03 and WP.29-187-15 and pointed out that there is no definition of “approval marking” in the 1958 Agreement.</p> <p>SLR observed that the more information will be added to the visible marking, the less useful the UI will be. Nevertheless, the discussion will</p>	<p>SLR-55-01/Rev.1 WP.29-187-15 SLR-56-03</p>

	<p>continue to determine if (and how) it is possible to find a compromise to accommodate the requests from CITA.</p> <p>CITA will send a separate proposal to GRE-87 requesting some amendments to Regulations Nos. 148, 149, 150 (see doc. SLR-56-03). SLR members were invited to send their inputs and suggestions, if any, to Mr. Fernandez (e.fernandez@citainsp.org).</p>	
8.	<p>Device transition (<i>see ECE/TRANS/WP.29/GRE/86, para 9</i>)</p> <p>SLR carefully checked line-by-line document SLR-55-05/Rev.1 against the latest consolidated text of Regulation 48-08. Further some discussion on the most suitable approach to take, it was agreed to only include those changes where there has been a safety benefit, i.e. having an increase (a “delta”) in performance, in order to avoid unnecessary administrative burden. This will be added to the justification.</p> <p>The latest version of the proposal for Reg. 48, reflecting all the modifications and improvements agreed during the meeting, is available as document SLR-55-05/Rev.2. This proposal will then be extended to the other installation Regulations (namely Reg. 53, 74 and 86) with the objective of sending, after final check at SLR-57, four informal proposals to GRE-87 (one for each installation regulation).</p> <p>SLR endorsed the GTB offer to extract the editorial corrections to paragraphs 6.20. and 6.22.7.4.3. (the realignment of the Data sets) from the proposal for device transition and to submit them to GRE-87 as part of a GTB proposal - already under preparation - to correct Reg. 48.</p> <p>For SLR-57 in September 2022:</p> <ul style="list-style-type: none"> • The “Homework Teams” for Reg. 48 shall draft the justification for SLR-55-05/Rev.2. • The “Homework Teams” for Reg. 53/74 and for Reg. 86 shall prepare draft proposals for these Regulations, based on doc. SLR-55-05/Rev.2. • The “Homework Teams” for 148, 149 and 150 shall review the text of SLR-55-05/Rev.2 and be ready to provide their feedback. • The “Homework Team” for R150 shall check the correctness of the proposed amendments to Par. 6.21. about conspicuity markings. <p>The additional text “<i>and extensions thereof</i>” to Par. 12.7.4. was deemed redundant because type approvals already include extensions, however nobody was against such an addition.</p> <p>SLR also considered, as a subject separate from the “device transition” but as part of the Stage 2 / Step 2, whether to remove the old Transitional Provisions and only keep those pertinent to the 09 series. To this end, Mr. Genone recommended to keep the old TPs for the series still in force and only consider the deletion of the previous ones.</p> <p>The discussion will continue at the next SLR meeting based on four updated proposals, one for each installation regulation.</p> <p><i>Note: beyond the specific proposal for “device transition”, SLR agreed on the need to carry out a more general editorial review of Reg. 48 and also to align the terminology among the installation and device regulations. For instance: usage of “driving-beam” and “passing-beam” only (except in their definition), para. above/below, UN Regulation, Table & Figure numbers, etc. This editorial exercise shall involve all the “Homework Teams”.</i></p>	SLR-55-05/Rev.1

9.	<p>Stage 2 / Step 2 - Specific items or general topics for consideration</p> <p>- Grouping and prioritising of topics</p> <p>Document SLR-52-03/Rev.5 is the latest collection of input from CPs and NGOs. This revision reflects the grouping of inputs and their prioritisation, by assigning different colours, as agreed at SLR-56 as well as a brief problem statement for each of those marked in green colour.</p> <p>All SLR members (both CPs and NGOs) were requested to study this document in order to come prepared at SLR-57 and have a fruitful discussion.</p> <p>The discussion will continue at SLR-57 based on some initial input expected by the SLR members and, in particular, by those CPs/NGOs who proposed the various subjects.</p>	SLR-52-03/Rev.5
10.	<p>Proposals for clarification and correction meant for the 01 series of amendments to UN Regulations Nos. 148, 149 and 150</p> <p>- Proposal to correct Reg. 149-01</p> <p>Document SLR-53-11/Rev.4 is the latest collection of proposals to correct and to clarify provisions in the device Regulations, reflecting the status as at the end of SLR-56 (including SLR-56-01).</p> <p>This is a living document that will be used to further collect not urgent corrections during the next SLR sessions until ready for GRE (presumably, not before Fall 2023). The “Homework Team” for Reg. 150 shall carefully review the whole Annex 5 and check the correctness of the references to the figures.</p>	SLR-53-11/Rev.4 SLR-56-01
11.	<p>“CPs moment”</p> <p>The Secretary provided a summary of the main results from this meeting with a focus on the Stage 2 / Step 2, the UI and the “Summary document”, the headlamp levelling and the device transition.</p> <p>Mr. Kärkkäinen (GRE chairman) thanked SLR for all the good work. He was also happy with the organization of a hands-on workshop (for the topic of headlamp levelling).</p> <p>The Chairman recalled the importance for all the CPs to contribute actively in the Stage 2 / Step 2 discussions.</p>	
12.	<p>Any Other Business</p> <p>No other business was discussed.</p>	
13.	<p>Next meeting(s)</p> <p>The SLR agreed the following meeting schedule:</p> <ul style="list-style-type: none"> ➤ 57th SLR meeting – Hybrid in Karlsruhe (DE), on 15-16 Sept. 2022 * ➤ 58th SLR meeting – Hybrid in Brussels (BE), on 12-14 Oct. 2022 ➤ 59th SLR meeting – Hybrid in Brussels (BE), on 14-16 Dec. 2022 <p><i>* SLR-57 will be preceded, on 13-14 September 2022, by a special “Hands on” session on “Headlamp levelling” in Karlsruhe. Separate agenda and WebEx invitation will be provided.</i></p>	
14.	<p>Closure</p> <p>The Chairman thanked all the participants for their fruitful contribution and closed the meeting.</p>	

**Participation at 56th SLR meeting
Brussels + WebEx, 27-29 June 2022**

27 June 2022	28 June 2022	29 June 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. Elena ANSALONI (IT)	Ms. Silke BARTON (CLEPA) *	Ms. Elena ANSALONI (IT)
Ms. Silke BARTON (CLEPA) *	Ms. Aurélie BERTHEL (OICA)	Ms. Silke BARTON (CLEPA) *
Ms. Aurélie BERTHEL (OICA)	Mr. Sebastian FAHR (OICA) *	Ms. Aurélie BERTHEL (OICA)
Mr. Sebastian FAHR (OICA) *	Mr. Marc FISCHER (DE)	Mr. Sebastian FAHR (OICA) *
Mr. Eduard FERNÁNDEZ (CITA)	Mr. Valter GENONE (GTB)	Mr. Marc FISCHER (DE)
Mr. Marc FISCHER (DE)	Mr. Marcin GORZKOWSKI (SAE)	Ms. Kiyomi FUJIMOTO (JP)
Mr. Valter GENONE (GTB)	Mr. Mark GRAINGER (OICA) *	Mr. Valter GENONE (GTB)
Mr. Marcin GORZKOWSKI (SAE)	Mr. Beny GRIGORESCU (GTB)	Mr. Mark GRAINGER (OICA) *
Mr. Mark GRAINGER (OICA) *	Mr. Frédéric HAY (CLEPA) *	Mr. Beny GRIGORESCU (GTB)
Mr. Beny GRIGORESCU (GTB)	Mr. Pere HERNANDEZ (IMMA) *	Mr. Frédéric HAY (CLEPA) *
Mr. Frédéric HAY (CLEPA) *	Mr. Takahiro KOHYAMA (JP) *	Mr. Pere HERNANDEZ (IMMA) *
Mr. Pere HERNANDEZ (IMMA) *	Mr. Dieter KOOSS (DE) *	Mr. Timo KÄRKKÄINEN (FI) – CPs moment
Mr. Timo KÄRKKÄINEN (FI)	Mr. Kota NAKAHIRA (IMMA)	Mr. Takahiro KOHYAMA (JP) *
Mr. Takahiro KOHYAMA (JP) *	Mr. Michael PERNKOPF (CLEPA)	Mr. Dieter KOOSS (DE) *
Mr. Dieter KOOSS (DE) *	Mr. Jean Marc PRIGENT (OICA)	Mr. Kota NAKAHIRA (IMMA)
Mr. Kota NAKAHIRA (IMMA)	Mr. Alfonso ROMERO (CLEPA) *	Mr. Antoine PAMART (FR) – CPs moment
Mr. Peter ONDREJKA (CITA)	Mr. Torsten SCHWARZ (OICA)	Mr. Michael PERNKOPF (CLEPA)
Mr. Michael PERNKOPF (CLEPA)	Mr. Lukas SCHWENKSCHUSTER (GTB)	Mr. Philipp PLATHNER (IEC)
Mr. Jean Marc PRIGENT (OICA)	Mr. Christophe TISSIER (CEMA)	Mr. Alfonso ROMERO (CLEPA) *
Mr. Alfonso ROMERO (CLEPA) *		Mr. Yuto SAKURAI (JP)
Mr. Yuto SAKURAI (JP)		Mr. Tomasz TARGOSINSKI (PL) – CPs moment
Mr. Walter SCHLAGER (IEC)		Mr. Seiya TATSUNO (JP) – CPs moment
Mr. Torsten SCHWARZ (OICA)		Mr. Christophe TISSIER (CEMA)
Mr. Lukas SCHWENKSCHUSTER (GTB)		
Mr. Christophe TISSIER (CEMA)		

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