

SLR special meeting on “Headlamp levelling”
- Hybrid session -

CLEPA Headquarters
Cours Saint-Michel 30g, Brussels

Monday, 27 June 2022
11:00 - 13:00 hrs (CEST)

ALL DOCUMENTS ARE AVAILABLE HERE:
<https://wiki.unece.org/pages/viewpage.action?pageId=113345289>

REVISED MINUTES

		Documents
1.	Welcome and opening remarks The chairman opened the meeting welcoming all the participants and provided a brief overview on the purpose of this special SLR session. A list of all participants is available in Annex 1.	
2.	Adoption of the agenda The secretary informed that inputs were received by Poland and by OICA, circulated respectively as documents SLR-HL-28 and SLR-HL-29. No additional input was provided by the participants who adopted the agenda without additional modifications. The updated agenda, reflecting all the inputs received, was uploaded on the website as doc. SLR-HL-27/Rev.1.	SLR-HL-27/Rev.1
3.	Approval of the minutes of the last meeting The minutes were shown on the screen by the secretary. The expert from OICA proposed to amend the last para. of item 6 to read: <i>“The expert from OICA observed that in the Polish proposal, only data for passenger cars (M₁) was presented, there waswere no datafrom for commercial vehicles (N, M₂, M₃). The vehicles were used to verify the variation of the levelling system. The procedure of Annex 6 of UN Regulation No. 48 was not followed. Moreover, it was remarked that the vehicles data showed waswere not anonymous.”</i> SLR approved the minutes, as amended. A revised copy of the minutes was uploaded on the website as document SLR-HL-26/Rev.1	SLR-HL-26/Rev.1
4.	SLR latest proposal to amend Reg. 48 (information only) The chairman provided a comprehensive introduction covering items 4 to 6. He recalled the latest status of the discussion in SLR and GRE and explained that the purpose of this meeting was primarily to consider concrete proposals to improve the aiming diagram in document GRE/2020/8/Rev.2.	GRE/2020/8/Rev.2

	<p>The expert from France recalled that the latest SLR proposal submitted to GRE (doc. GRE/2020/8/Rev.2) was still the best compromise and asked whether those not in favour have eventually submitted to SLR concrete alternative proposals for consideration, as agreed at the last meeting. The chairman informed that, regrettably, only little input was received for the present meeting from CPs.</p>	
5.	<p>Outcome of GRE-86 (<i>information only</i>) This item was addressed with item 4.</p>	ECE/TRANS/WP.29/GRE/86 (Paragraph 15.)
6.	<p>Vehicles' data analysis (<i>information only</i>) This item was addressed with item 4.</p>	SLR-HL-24 (OICA) SLR-HL-25 (PL)
7.	<p>Concrete proposals to improve aiming diagram in GRE/2020/8/Rev.2 - Input from Poland - OICA updated Presentation on vehicle headlamp levelling data - Compromise ideas for discussion</p> <p>The expert from OICA briefly introduced document SLR-HL-29: an updated version of the presentation on vehicle headlamp levelling data that was presented at the last meeting (doc. SLR-HL-24), including some observations on the Polish measurement study (doc. SLR-HL-25). In response to the OICA observation about the unrealistic 0% aiming tolerance, the expert from Poland clarified that it was obtained as a result of multiple measurements.</p> <p>The expert from Poland provided a detailed introduction of SLR-HL-28, including its justification, and explained how it was intended to amend the SLR proposal GRE/2020/8/Rev.2.</p> <p>The chairman observed that the proposal did not contain clear indications to judge objectively if the box would be impossible to be met. Clear criterion/criteria would be needed to avoid different interpretations (which could endanger the “level playing field”).</p> <p>The expert from OICA recalled that the SLR aiming diagram was not developed only for manual levelling, but also for auto-levelling.</p> <p>The expert from France could not support the Polish proposal, as the majority of vehicles would not be able to meet the proposed “green box”. Moreover, he did not like the possibility to have a derogation since it would be hard for technical services to determine when the box is impossible to be met.</p> <p>The expert from UK shared the same concerns expressed by France and commented that it would not be logic to spend time for having - de facto - two options. However, he observed that the proposed (green) box had logic to it, as we now in principle only have the automatic levelling.</p> <p>In order to compensate the lack of further input from the CPs, the SLR Officers had put together some compromise ideas, for consideration by SLR, to slightly amend (improve) the aiming diagram (see document SLR-HL-30). Such ideas reflected the comments made in the recent discussions and were merely intended to stimulate the debate towards a suitable solution.</p> <p><i>Note: after the meeting the expert from Poland produced an updated version of his proposal. This was made available on the SLR website as document SLR-HL-28/Rev.1.</i></p>	SLR-HL-28 (PL) SLR-HL-29 (OICA) SLR-HL-30 (SLR Officers)
8.	<p>Next steps for submission to GRE-87 All SLR members were invited, once again, to submit concrete proposals to improve the aiming diagram by Friday, 2 September 2022 (see documents SLR-HL-30 and SLR-HL-28/Rev.1).</p>	

	The discussion will resume at the next SLR special “Hands-on” session planned on 13-14 September 2022 at LTIK in Karlsruhe. Provided this special meeting is successful, SLR may submit an informal proposal to GRE-87.	
9.	<p>Next meeting(s)</p> <p>The next SLR special “Hands-on” session on “headlamp levelling” will be held at the LTIK in Karlsruhe (Germany), on 13-14 September 2022, followed by the 57th SLR session on 15-16 September 2022. WebEx connection will be provided for those not able to travel to Karlsruhe.</p>	
10.	<p>Closure</p> <p>The chairman thanked all the participants for their contribution and closed the meeting.</p>	

Annex 1 to SLR-HL-31

SLR special meeting on “Headlamp levelling” Brussels^(*) + WebEx, 27 June 2022

List of participants

1. Mr. Derwin ROVERS (NETHERLANDS, SLR Chairman) ^(*)
2. Mr. Davide PUGLISI (GTB, SLR Secretary) ^(*)
3. Mr. Jim ABRAHAM (OICA)
4. Mr. Yoshiro AOKI (JAPAN)
5. Mr. Phil BAILEY (UK)
6. Mr. Malin BARD (OICA)
7. Mrs. Silke BARTON (CLEPA)
8. Ms. Aurélie BERTHEL (OICA)
9. Mr. Niklas BLOMQVIST (OICA)
10. Mr. Sebastian FAHR (OICA) ^(*)
11. Mr. Marc FISCHER (GERMANY)
12. Ms. Kiyomi FUJIMOTO (JAPAN)
13. Mr. Manabu FUSHIMI (JAPAN)
14. Mr. Valter GENONE (GTB)
15. Mr. Mark GRAINGER (OICA) ^(*)
16. Mr. Beny GRIGORESCU (GTB)
17. Mr. Frédéric HAY (CLEPA) ^(*)
18. Ms. Yoko KATO (JAPAN)
19. Mr. Takahiro KOHYAMA (JAPAN) ^(*)
20. Mr. Antoine PAMART (FRANCE)
21. Mr. Michael PERNKOPF (GTB)
22. Mr. Jean-Marc PRIGENT (OICA)
23. Mr. Alfonso ROMERO (CLEPA) ^(*)
24. Ms. Yuto SAKURAI (JAPAN)
25. Mr. Theodor SCHÄFER (OICA)
26. Mr. Tomasz TARGOSIŃSKI (POLAND)
27. Mr. Seiya TATSUNO (JAPAN)
28. Mr. Ludovic TOULISSE (GTB)
29. Mr. John VEASEY (OICA)