

Simplification of the UN Lighting and Light-signalling Regulations

Progress report to GRE-91

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Request for guidance and advice from GRE

- Workload and meeting pace -

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|---------|---------------------------------------|----------|---|
| I. | 11 September 2014 in Brussels (BE) | XXXVI. | 8-10 January 2020 in Brussels (BE) |
| II. | 23 October 2014 in Geneva (CH) | XXXVII. | 2-4 March 2020 in Brussels (BE) |
| III. | 14 January 2015 in Brussels (BE) | XXXVIII. | 27-29 May 2020 – WebEx |
| IV. | 13 April 2015 in Geneva (CH) | XXXIX. | 7-10 July 2020 – WebEx |
| V. | 13 October 2015 in Brussels (BE) | XL. | 26-28 August 2020 – WebEx |
| VI. | 5-6 November 2015 in Brussels (BE) | XLI. | 21-23 September 2020 – WebEx |
| VII. | 15-16 December 2015 in Brussels (BE) | XLII. | 3-5 November 2020 – WebEx * |
| VIII. | 13-14 January 2016 in Brussels (BE) | XLIII. | 9-11 December 2020 – WebEx * |
| IX. | 29 Feb & 1 Mar 2016 in Brussels (BE) | XLIV. | 12-14 January 2021 – WebEx * |
| X. | 14-15 April 2016 in Brussels (BE) | XLV. | 17-19 February 2021 – WebEx |
| XI. | 9-10 June 2016 in Brussels (BE) | XLVI. | 24-26 March 2021 – WebEx |
| XII. | 5-7 September 2016 in Brussels (BE) | XLVII. | 10-12 May 2021 – WebEx |
| XIII. | 5-7 October 2016 in Brussels (BE) | XLVIII. | 16-18 June 2021 – WebEx * |
| XIV. | 5-7 December 2016 in Brussels (BE) | XLIX. | 20-22 July 2021 – WebEx * |
| XV. | 21-23 February 2017 in Brussels (BE) | L. | 9-10 September 2021 – WebEx * |
| XVI. | 22-24 March 2017 in Brussels (BE) | LI. | 6-8 October 2021 – WebEx |
| XVII. | 16-18 May 2017 in Tokyo (JP) | LII. | 15-17 December 2021 – WebEx |
| XVIII. | 13-15 June 2017 in Brussels (BE) | LIII. | 19-21 January 2022 – WebEx |
| XIX. | 12-14 July 2017 in Brussels (BE) | LIV. | 23-25 March 2022 – WebEx |
| XX. | 4-6 October 2017 in Brussels (BE) | LV. | 18-20 May 2022 – Brussels (BE) * |
| XXI. | 18-21 December 2017 in Brussels (BE) | LVI. | 27-29 June 2022 – Brussels (BE) * |
| XXII. | 29 Jan / 1 Feb 2018 in Shenzhen (CN) | LVII. | 15-16 September 2022 – Karlsruhe (DE) * |
| XXIII. | 4-6 April 2018 in Brussels (BE) | LVIII. | 12-14 October 2022 – Brussels (BE) |
| XXIV. | 30 May / 1 June 2018 in Brussels (BE) | LIX. | 14-16 December 2022 – Brussels (BE) |
| XXV. | 3-5 July 2018 in Brussels (BE) | LX. | 18-20 January 2023 – Brussels (BE) |
| XXVI. | 24-26 September 2018 in Brussels (BE) | LXI. | 22-24 March 2023 – Brussels (BE) |
| XXVII. | 10-12 December 2018 in Brussels (BE) | LXII. | 26-28 June 2023 – Brussels (BE) |
| XXVIII. | 25-27 February 2019 in Brussels (BE) | LXIII. | 30 Aug / 1 Sep 2023 – Brussels (BE) |
| XXIX. | 27-29 March 2019 in Brussels (BE) | LXIV. | 8-10 November 2023 – Brussels (BE) |
| XXX. | 22-24 May 2019 in Brussels (BE) | LXV. | 13-15 December 2023 – Brussels (BE) |
| XXXI. | 3-5 July 2019 in Brussels (BE) | LXVI. | 7-9 February 2024 – Brussels (BE) |
| XXXII. | 3-5 September 2019 in Tokyo (JP) | LXVII. | 3-5 April 2024 – Brussels (BE) |
| XXXIII. | 9-11 October 2019 in Brussels (BE) | LXVIII. | 23-26 July 2024 – Brussels (BE) |
| XXXIV. | 4-6 November 2019 in Brussels (BE) | LXIX. | 10-12 September 2024 – Tokyo (JP) |
| XXXV. | 11-13 December 2019 in Brussels (BE) | | |



* = In conjunction with special SLR sessions on “headlamp levelling” (<https://wiki.unece.org/x/CYPBBq>)

Next meetings

- **SLR-70** on 12-13 Dec. 2024, Brussels (BE)
Note: SLR-70 will be preceded, on 11 Dec, by a special session on “apparent surface”
- **SLR-71** on 5-7 Feb. 2025, Brussels (BE)
- **SLR-72** on 9-11 Apr. 2025, Brussels (BE)

SLR submission to GRE-91



Economic and Social Council

Formal submissions

No formal document for this session... work is in progress in GRE-IWG SLR and you are all invited to contribute!

Informal submissions

- **SLR Progress Report to GRE-91 (GRE-91-03)**
- **SLR request for guidance and feedback from GRE on the subject “Prohibited if not allowed” (GRE-91-02)**

Request for guidance and advice from GRE (1 of 2)

Replacing several references to the R.E.3 in Reg. 48 with a preamble in the definitions (Par. 2) reading as follows:

“For the purpose of this Regulation, the definitions of vehicles and their categories as defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.) [applicable at the time of application for the type approval] shall apply”

- Should we refer to a specific Revision of R.E.3 (currently Rev.7) or a dynamic reference would be OK?
- Is it appropriate to keep the text in square brackets?
- How other GRs deal with this matter?

Request for guidance and advice from GRE (2 of 2)

Replacing description of approval number (Par. 4.2) as follows:

“4.2. ~~An approval number shall be assigned to each type approved. Its first two digits (at present 08, corresponding to the 08 series of amendments) shall indicate the series of amendments incorporating the most recent major technical amendments made to the Regulation at the time of issue of the approval. The same Contracting Party shall not assign this number to another vehicle type or to the same vehicle type submitted with equipment not specified in the list referred to in paragraph 3.2.2. above, subject to the provisions of paragraph 7. of this Regulation.~~

An approval number, in accordance with Schedule 4 of the 1958 Agreement (E/ECE/TRANS/505/Rev.3), shall be assigned to each approved vehicle type. ”

- Following the provisions of the current 1958 Agreement, Schedule 4, Par. 3 (E/ECE/TRANS/505/Rev.3 + Amd.1), the first two digits of an approval number do not indicate the series of amendments but the Contracting Party which has granted the type approval. For instance: E4*148R01/03*1111*00
- Same terminology is used in different (also not lighting) UN Regulations such as R13-H, R55, R91, R145, R162, R166...
- Would it be useful to consider a “horizontal correction” - issued by the Secretariat - and applicable in a consistent way to all UN Regulations?
- How other GRs deal with this matter?

Stage 2 / Step 2 - Main area of work



- **Apparent surface**

- *Different approaches being considered:*
 - *one more focussed on improving and clarifying the existing text/examples*
 - *one considering new/alternative method(s) such as luminance method*
 - *Combination of both*
- *Work in progress to simplify and improve definitions in Reg. 48*
- *Special meeting on 11 December 2024 (in conjunction with SLR-70)*

- **Harmonisation among installation Regulations**

- *Work in progress to align definitions in Reg. 53 (and 74) with those in Reg. 48*
- *Work in progress to align provisions in Reg. 48 with those in Regs. 53 and 74 on the subject “prohibited if not allowed” (see informal document GRE-91-02)*

- **Technological neutrality of light sources**

- *Replaceability of light source modules tackled in device regulations (R148 and R149) as part of the future 02 series of amendments*
- *Work in progress to clarify the lifetime requirements and avoid misinterpretations that may lead to unnecessary repetition of testing*

Stage 2 / Step 2 - Main area of work (cont'd)



- **Improved visibility of the rear Direction Indicators**
 - *Problem only with simultaneous activation of the functions*
 - *Combination of factors such as distance, intensity and luminance may improve the situation*
 - *Goal is to improve the visibility of the DI without being unnecessary restrictive*

- **New Annexes in Reg. 48 (for information only)**
 - *Annex 17 “Summary table of lamps positioning”*
 - *Annex 18 “Summary table of lamps geometric visibility angles”*

- **Baseline document for Reg. 48 series 10**
 - *Thorough editorial review and improvement of latest consolidated text*
 - *Consistency of wording*
 - *Basis document for all SLR proposals to amend Reg. 48 in Stage 2 / Step 2*

Input from CPs and NGOs is always welcome

Please feel free
to join!

