Simplification of Lighting and Light-Signalling Regulations

Status update and next steps
Simplification to be delivered in two stages

**STAGE 1**
"Editorial simplification"

**STAGE 2**
"Performance based / Technology neutral"

**REWRITE THE NEW REGULATIONS WITH UPDATED PERFORMANCE BASED TECHNICAL REQUIREMENTS SUITABLE FOR THE FUTURE**

Programme to be defined

IWG-SLR starts the task to define simplified technology neutral / performance based requirements in the new device and system regulations and also in R48 (Installation).

The new regulations and R48 will be amended, following usual procedures, to introduce the simplified technology neutral / performance based requirements.

**REDUCE 41 UN REGULATIONS TO 14 + 1 RESOLUTION**

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## Objectives of Simplification

Develop a proposal to:

| Provide a structure that limits to a minimum the number of parallel amendments necessary to achieve a regulatory change |
| Reduce the number of active/non-frozen regulations |
| Reduce the administrative burden (caused by maintenance of Regulations) on the Contracting Parties, the UNECE secretariat (and associated UN services) and the affected industrial sector |
| Reduce ambiguity in the provisions to provide **consistent interpretation** |
| Define the essential requirements in **performance (technology neutral) terms to provide opportunities for innovation** |
| Determine whether the current regulatory text presents barriers to innovation and whether safety considerations are addressed |
| Develop, as far as possible, **performance-based and technology-neutral requirements to ensure freedom for technical innovation within a framework of safety principles** |

**Stage 1**

**Stage 2**

Extracted from Annex VIII of the official report of GRE-72 (ECE/TRANS/WP.29/GRE/72)
*Adopted Terms of Reference and Rules of Procedure for the IWG "Simplification of the Lighting and Light-Signalling Regulations"*
GRE Regulations after Stage 1 of simplification

**AGENDA FOR STAGE 1**

- R48*
- R53*
- R50
- R74*
- R86*

* Definitions and other minor editorial adjustments / synchronisation will be addressed

Regulations in parenthesis are frozen already.

Already adopted by GRE-75

- (R1), (R8), (R20)
- (R56), (R57), (R72), (R76), (R82)
- R113
- R27
- R3
- R69
- R104

Not on SLR Agenda for Stage 1

- R37, (R2), R99, R128, Resolution
- R48*, R10, R53*, R45, R74*, R65, R86*, R88,
SLR PACKAGE
... not “just” 3 new UN Regulations

NEW SIMPLIFIED UN REGULATIONS
- Light Signalling Devices (LSD) → GRE/2017/09
- Road Illumination Devices (RID) → GRE-78-31
- Retro-Reflective Devices (RRD) → Coming soon…

INSTALLATION REGS. - UPDATED REFERENCES TO DEVICE REGS.
- R48-04 proposal → GRE-78-14
- R48-05 proposal → GRE-78-15
- R48-06 proposal → GRE-78-20 (replacing GRE/2017/11)
- R53-02 proposal → GRE-78-11
- R74-01 proposal → GRE-78-12
- R86-01 proposal → GRE-78-13

Reorganized and grouped definitions in R48-06 → GRE/2017/10

Transitional Provisions → GRE/2017/13
Workload and meeting pace

- **20 meetings held until now:**
  
  I. 11 September 2014 in Brussels (BE)
  II. 23 October 2014 in Geneva (CH)
  III. 14 January 2015 in Brussels (BE)
  IV. 13 April 2015 in Geneva (CH)
  V. 13 October 2015 in Brussels (BE)
  VI. 5-6 November 2015 in Brussels (BE)
  VII. 15-16 December 2015 in Brussels (BE)
  VIII. 13-14 January 2016 in Brussels (BE)
  IX. 29 Feb & 1 March 2016 in Brussels (BE)
  X. 14-15 April 2016 in Brussels (BE)
  XI. 9-10 June 2016 in Brussels (BE)
  XII. 5-7 September 2016 in Brussels (BE)
  XIII. 5-7 October 2016 in Brussels (BE)
  XIV. 5-7 December 2016 in Brussels (BE)
  XV. 21-23 February 2017 in Brussels (BE)
  XVI. 22-24 March 2017 in Brussels (BE)
  XVII. 16-18 May 2017 in Tokyo (JP)
  XVIII. 13-15 June 2017 in Brussels (BE)
  XIX. 12-14 July 2017 in Brussels (BE)
  XX. 4-6 October 2017 in Brussels (BE)

- **Next meetings**

  **SLR-21** on 18-21 December 2017 in Brussels (BE)

  **SLR-22** on 29 January / 1 February 2018 in China

  **SLR-23** on 4-6 April 2018 in Brussels (BE)
Current status of work

- Draft new UN Regulation on **Light Signalling Devices (LSD)** submitted to GRE-78 (see GRE/2017/09)
  
  UN Regulations Nos. 4, 6, 7, 23, 38, 50, 77, 87 and 91 merged into **only 57 pages** of text!

- Draft new UN Regulation on **Road Illumination Devices (RID)** submitted to GRE-78 (see GRE-78-31)
  
  UN Regulations Nos. 19, 98, 112, 113, 119, 123 merged into **only 133 pages** of text!

- Draft new UN Regulations on **Retro-Reflective Devices (RRD)** still in progress but nearly finalized
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<thead>
<tr>
<th>Year</th>
<th>Event</th>
<th>Milestone Details</th>
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<tbody>
<tr>
<td>2017</td>
<td>October 2017</td>
<td>GRE-78</td>
</tr>
<tr>
<td></td>
<td>March 2018</td>
<td>174-WP29</td>
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<td>November 2018</td>
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<td>2019</td>
<td>January 2019</td>
<td>Entry into force</td>
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<td></td>
<td>August 2019</td>
<td>Entry into force</td>
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8 MONTHS DELAY
Extension of mandate

Excerpt of Informal document WP.29-172-01

World Forum for Harmonization of Vehicle Regulations (WP.29):
Working Parties, Informal Working Groups and Chairmanship (01/06/2017)

<table>
<thead>
<tr>
<th>Informal working groups</th>
<th>Chairperson/ Vice-Chairperson</th>
<th>Country</th>
<th>Expiry date of the mandate</th>
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<tbody>
<tr>
<td>GRE Lighting and Light-Signalling</td>
<td>Mr. M. Loccufier Mr. D. Rovers</td>
<td>Belgium/Netherlands</td>
<td>2018</td>
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<tr>
<td>Simplification of the Lighting and Light Signalling Regulations (SLR)</td>
<td>Mr. M. Loccufier</td>
<td>Belgium</td>
<td>2018</td>
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2020 / 2021