

Transmitted by IWG SLR

Informal document GRE-78-34
(78th GRE, 24-27 October 2017,
agenda item 4)

Simplification of Lighting and Light-Signalling Regulations

Status update and next steps

Simplification to be delivered in two stages

STAGE 1 “Editorial simplification”

REDUCE 41 UN REGULATIONS TO 14 + 1 RESOLUTION

Structure of UN lighting Regulations after Stage 1

UN Regs

1
2
3
4
5
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19
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23
27
31
38
50
56
57
69
70
72
76
77
80
87
91
98
104
112
113
119
123



NEW REGULATIONS New 1 “Light Signalling Devices” New 2 “Road Illumination Devices” New 3 “Retro-Reflective Devices”
INSTALLATION R-48 R-53 R-74 R-86
LIGHT SOURCES R-37 R-99 R-128 (Simplified structure with reference to a Resolution, R.E.5)
VARIOUS R-10 R-45 R-65 R-88

ONLY
14 Live
Regulations

GRE-77-32

6

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

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	Stage 1
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	Stage 2
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	

GRE Regulations after Stage 1 of simplification

R4	R38
R6	R77
R7	R87
R23	R91
R50	

R19	R119
R98	R123
R112 (R1), (R8), (R20)	R113 (R56), (R57), (R72), (R76), (R82)

R3	R70
R69	R104
R27	

R37, (R2),
R99,
R128,
Resolution

Already
adopted by
GRE-75



(R5),	R48*,	R10,
(R31),	R53*,	R45,
	R74*,	R65,
	R86*,	R88,



**R xxx
(NEW 1)
Light Signalling
Devices**



**R xxx
(NEW 2)
Road Illumination
Devices**



**R xxx
(NEW 3)
Retro-Reflective
Devices**



**NOT ON SLR
AGENDA FOR
STAGE 1**

* Definitions and other minor editorial adjustments / synchronisation will be addressed
Regulations in parenthesis are frozen already.

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

❖ 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)

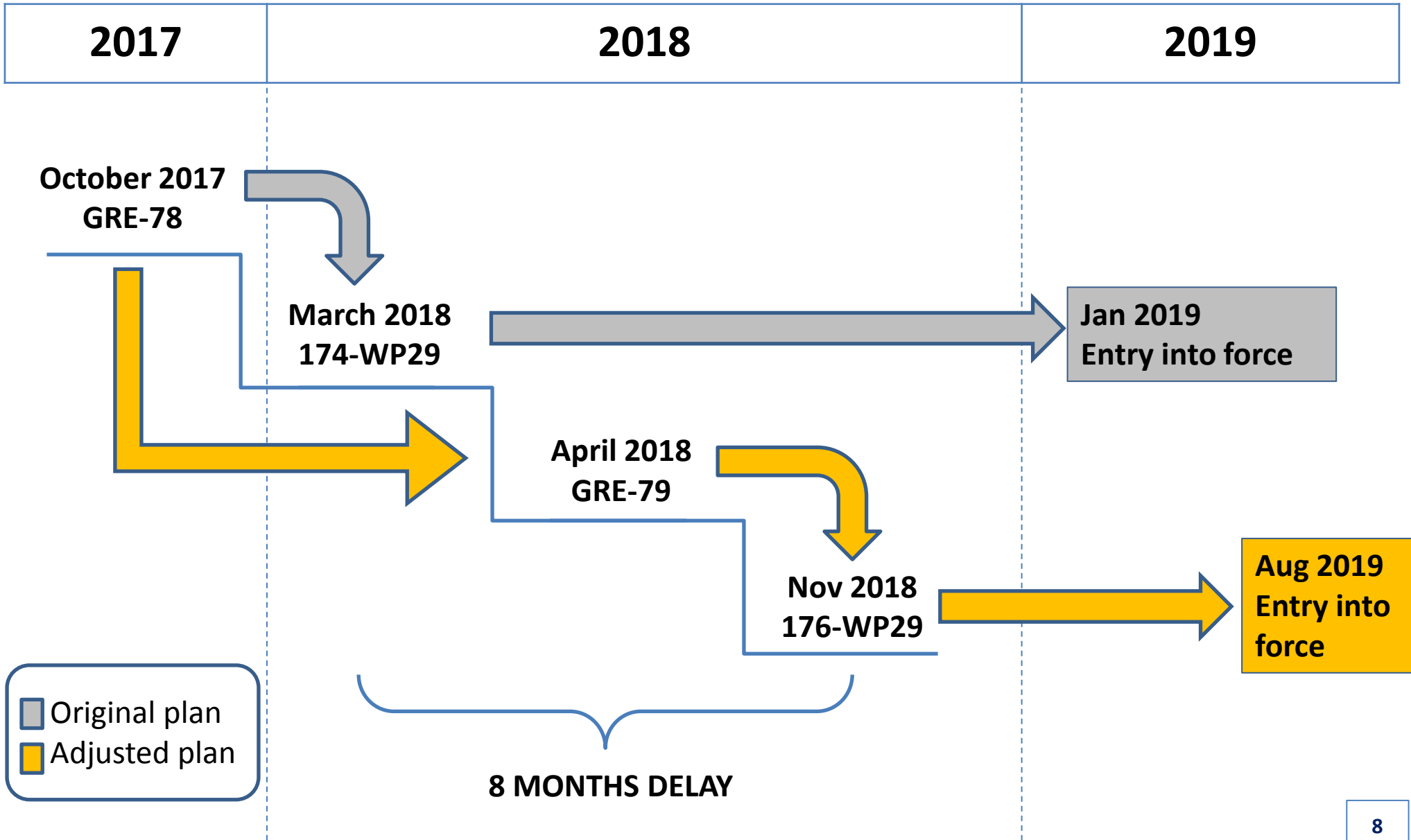
UN Regulations Nos. 4, 6, 7, 23, 38, 50, 77, 87 and 91 merged into only 57 pages of text!

- 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

Stage 1 “Editorial Simplification” - GRE & WP.29 Milestones



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)

	<i>Informal working groups</i>	<i>Chairperson/ Vice-Chairperson</i>	<i>Country</i>	<i>Expiry date of the mandate</i>
GRE	Lighting and Light-Signalling	Mr. M. Loccufier Mr. D. Rovers	Belgium Netherlands	2018
	Simplification of the Lighting and Light Signalling Regulations (SLR)	Mr. M. Loccufier	Belgium	2018



2020 / 2021