

Work by GRs – Priorities and recurrent items

GRE							
Priority/ recurrent	Title	Tasks / Deliverables	References	Allocations / IWGs	Timeline	Initiator	Comments
General							
Priority	Simplification	The overarching objective is to update and harmonize technical requirements for lighting and light-signalling, suitable for global implementation under the 1958 and 1998 Agreements.	New simplified UN Regulations Nos. 148, 149 and 150 GRE reports in 2015-2019	IWG-SLR and GRE		WP.29 (EC, JPN)	The time schedule according to the T.o.R. is ambitious
Short term							
Priority	Simplification Stage 2, step 1	Revise the technical requirements of the new Regulations Nos .148, R.149, R.150, to become future proof and technology neutral, with performance-based and objective test requirements	New simplified UN Regulations Nos. 148, 149 and 150	IWG-SLR and GRE	[2020]	IWG-SLR (GRE)	Ongoing
Priority	Headlamp levelling (visibility and glare)	Taking into account glare and visibility considerations. Amend installation Regulations taking into account the work of IWG-VGL.	ECE/TRANS/WP.29/GRE/2020/8	IWG-VGL => IWG-SLR and GRE	2020	Various CP's	To be finalized

Priority	Installation New Series of Amendments for Regulation No. 48 (R.48-08)	Many proposals merged; various amendments, improvements and clarifications included (headlamps, direction indicators, daytime running lamps, rear position lamps, etc.)	UN Regulation No. 48	SIG-R.48 and GRE	2020	Various CP's	To be finalized
Priority	'Unique Identifier'	Suitable application of the 'Unique Identifier' (‘UI’)	SLR-37-01	IWG-SLR and GRE	[2020]	IWG-SLR	Ongoing
Recurrent	Lights sources	Development of replaceable LED lights sources (incl. substitutes and replacement light sources for filament lamps)	ECE/TRANS/WP.29/2019/29, ECE/TRANS/WP.29/2019/126, ECE/TRANS/WP.29/GRE/2020/6, ...	TF-S/R and GRE			Ongoing
Recurrent	Adaptation to technical progress	e.g. road light projections	ECE/TRANS/WP.29/GRE/2020/4	GRE			Continuous process
Potential	Software	Awareness of GRVA activity on software updates		GRE			t.b.c.
Medium term							
Priority	Simplification Stage 2, step 2	Simplify and update the technical requirements of the installation Regulations Nos. 48, 53, 74, 86, to become future proof and technology neutral, with performance-based and	UN Regulations Nos. 48, 53, 74, 86	IWG-SLR	[2022]	IWG-SLR (GRE)	Started

		objective test requirements					
Priority	EMC issues for electrical vehicles	Further development of EMC requirements for electrical vehicles (EV's)	UN Regulation No. 10	TF-EMC			Ongoing
Recurrent	Automation	Signalling requirements for autonomous vehicles		TF-AVSR			Awaiting guidance WP.29 (WP.1?)
Recurrent	Electromagnetic compatibility	Updating EMC requirements in relation to various international standards	UN Regulation No. 10	TF-EMC			Ongoing
Recurrent	Adaptation to technical progress	e.g. further development of adaptive and intelligent lighting systems		GRE			Continuous process
Potential	Sensors	New, or additional, requirements related to optical sensors (e.g. ensuring adequate illumination for – and avoid glaring of – optical sensors)		t.b.c.			t.b.c.
Potential	Reference EMC	Regulation No. 10 should become the reference for EMC requirements for all GR's	UN Regulation No. 10	TF-EMC and GRE			t.b.c.
Potential	Global harmonization	Development of globally standardized signalling for automated/		t.b.c.			t.b.c.

		autonomous vehicles (AV's)					
Potential	Sustainability	Attention to environmental aspects (energy efficiency, waste reduction, etc.)		GRE			t.b.c.
Potential	"Zero emission"	"Zero emission mode" light signalling (hybrid vehicles, city centers, etc.)		t.b.c.			t.b.c.
Potential	Avoid approval by-passing	Further amendments to Regulation No. 10 to avoid by-passing the approval of other regulations	UN Regulation No. 10	TF-EMC and GRE			t.b.c.
Potential	New systems and AV's	New, or additional, requirements for automated/autonomous vehicles (AV's) and new systems		GRE			t.b.c.
Potential	Light source regulations	Regulatory improvement by further consolidation of the light source regulations		t.b.c.			t.b.c.
Potential	Connected vehicles (CV's)	Connected & communicating light signalling lamps		t.b.c.			t.b.c.