

GRE Task Force on Substitutes / Retrofits (TF S/R)**4th meeting**

6 June 2018, 10:30 – 15:30 CEST

CLEPA

Cours Saint Michel 30g

1040 Brussels

Belgium

DRAFT REPORT

		Documents
1	Welcome and opening remarks	
	The chairman opened the meeting and welcomed the participants.	
2	Organisational issues	
	An attendance sheet was circulated and signed by the experts present in the meeting room, see Annex 1. The following experts participated by telephone: A. De Visser, IEC Th. Goldbach, OICA	
2.1	Introduction of participants	
	Apologies for absence had been received from: J-M Prigent, OICA C. Versluijs, IEC E. Vandervreken, CLEPA B. Terburg, GTB W. van Laarhoven, NL E. Blusseau, GTB / CLEPA	
3	Adoption of the agenda	TFSR-04-08
	The agenda was approved.	
4	Approval of the report of the previous meeting	TFSR-03-09
	The report was approved.	
5	Review of the discussion at GRE79	GRE-79 report (not yet available) GRE-79-16
	The chairman reported from the GRE79 meeting, where a status-report of the Task-force had been presented (GRE-79-16). He reported that the presented way forward had been confirmed by GRE. The approval was given by GRE79 for LED substitutes with an interlock feature. The task for this meeting was now to do the homework and prepare the formal documents for LED substitutes with interlock feature.	

	<p>Mr. Manz raised the topic of the changes to the new R-LSD. He informed that these changes, according to his analysis, were not urgent, and could be treated with a 6-month delay, respecting the GRE-WP29 timeline for a first amendment to a new regulation, entering-into-force.</p> <p>In this case, during this “transition period”, two approval numbers might be necessary on the device in case of substitute-use.</p> <p>The secretary was asked to check with the GTB/SLR secretary about the process to change R-LSD.</p> <p>It was confirmed by the group that the R-LSD changes were not necessary, but helpful. So that it was not necessary for the whole package to wait for the R-LSD timeline.</p> <p>Mr. Bailey pointed out that frequent changes to the regulations were not preferred by WP29, but after some further discussion it was concluded that this could not be avoided in this case, and could also be justified.</p>	
6	LED Substitutes	
6.1	R128 Body text	GRE/2017/21 TFSR-03-02rev1 TFSR-04-01
	<p>The Document TFSR-04-01 was viewed on the screen and reviewed.</p> <p>Paragraph 3.12 was discussed in detail, to allow also higher CCTs for white functions in case of separate keying.</p> <p>The document TFSR-04-01 was edited on the screen, and a new paragraph 3.12.5. was inserted.</p> <p>It was agreed to send the edited document (TFSR-04-01rev1) to the GRE secretary (with colours and track-changes removed), for distribution as a formal document for GRE80.</p>	
6.2	R.E.5 PY21W/LED	GRE/2017/17 TFSR-03-03 TFSR-04-02
	<p>Document TFSR-04-02 was viewed on the screen and reviewed.</p> <p>The justification was slightly revised.</p> <p>It was agreed to send the edited document (TFSR-04-02rev1) to the GRE secretary (with colours and track-changes removed), for distribution as a formal document for GRE80.</p>	
6.2.1	Mechanical keying, Interlock IEC 60061	TFSR-04-06
	<p>Document TFSR-04-06 was viewed on the screen and reviewed.</p> <p>Several editorial errors and improvements were identified.</p> <p>It was agreed to send this document to GRE80 as informal document, after implementation of the editorial corrections.</p> <p>The GRE secretary should be asked to put this informal document early on the website, so that all GRE experts would have it in time before the meeting.</p>	
6.2.2	Equivalence Criteria	GRE-77-02 TFSR-03-06

		TFSR-04-05
	<p>Document TFSR-04-05 was viewed on the screen and reviewed. The introduction was slightly revised.</p> <p>It was agreed to send the edited document (TFSR-04-05rev1) to the GRE secretary (with colours and track-changes removed), for distribution as a formal document for GRE80.</p>	
6.3	Changes to Device Regulations	GRE/2017/14 GRE-78-04 TFSR-03-04 TFSR-04-03
	<p>Document TFSR-04-03 was viewed on the screen and reviewed. Some editorial improvements were inserted.</p> <p>It was agreed to send the edited document (TFSR-04-03rev1) to the GRE secretary (with colours and track-changes removed), for distribution as a formal document for GRE80.</p>	
6.4	Changes to Installation Regulations	GRE/2017/22 GRE-78-28 GRE-78-33 TFSR-03-05 TFSR-04-04
	<p>Document TFSR-04-04 was viewed on the screen and reviewed. Some editorial improvements were inserted.</p> <p>It was agreed to send the edited document (TFSR-04-04rev1) to the GRE secretary (with colours and track-changes removed), for distribution as a formal document for GRE80.</p>	
6.5	Future work	
	<p>The chairman asked if LED substitutes for front lighting should be included in the TFSR.</p> <p>Mr. Schlager commented that measurements from the ADAC have shown that good performance is possible in certain headlamps.</p> <p>Mr. De Visser added that SAE was working on LED replacement bulbs for front lighting.</p>	
	<p>The chairman offered to ask GRE if work should start in the TF to work on LED substitutes for front lighting.</p> <p>Mr. Krautscheid suggested that the experts from the ADAC/FIA should make a presentation at GRE about their study.</p> <p>Mr. Böttcher confirmed that he would seek confirmation and also that the full report was available in English.</p> <p>In addition, it was agreed to ask SAE to give a presentation on their work.</p> <p>It was agreed to check with the GRE chairman (and vice-chairman) about a time-slot of 30 minutes for the topic of front lighting substitutes (15 minutes for ADAC, 10 minutes for SAE, 5 minutes discussion)</p>	
7	LED Retrofits	
7.1	Review of the former discussions	TFSR-01-03 TFSR-01-04 TFSR-01-05 TFSR-01-06

		TFSR-01-11 TFSR-02-06
	<p>The Chairman asked for general input on the topic of retrofits.</p> <p>Mr. Bailey reminded that the topic of failure detection was important and asked if there was a willingness to standardise the failure detection, to give a clearly defined interface, which would also be helpful for trailers.</p> <p>Mr. Krautscheid raised the question if LED retrofits could be covered by a type-approval-regulation and suggested that LED retrofits may be covered by EU and national law.</p> <p>Mr. Pamart informed that it was difficult for him to accept the use of light sources that had not been type approved with the luminaire.</p> <p>Mr. Bailey stated that there was not sufficient knowledge about the size of the potential problems caused by the non-standardised failure detection.</p> <p>Mr. De Visser summarised that there were both technical and legal aspects that needed to be addressed when discussing LED retrofits, and he recommended to discuss them separately.</p> <p>The discussion was stopped due to lack of time, and it was agreed to continue the discussion, after further guidance from GRE, after the GRE80 meeting.</p>	
7.2	Relationship with traffic and equipment use laws	TFSR-01-11 TFSR-02-05
	This topic was discussed under the agenda item 7.1.	
7.2.1	Draft Survey	TFSR-04-07
	After some discussion about the general purpose of such a draft survey, it was concluded to wait first for the outcome of GRE80 meeting. The content of document TFSR-04-07 was not discussed.	
8	Next meeting(s)	
	No next meeting was scheduled.	
9	Closure	
	The chairman thanked the participants and closed the meeting.	

K. Manz, P. Plathner

