GRE TF Substitutes / Retrofits

Document: TFSR-12-05

Date: 2020-07-10

GRE Task Force on Substitutes / Retrofits (TF S/R)

12th meeting
2 July 2020, 10:00 – 16:00 CEST

By SKYPE and Telephone
Conference ID: 672333147

DRAFT REPORT

		Documents
1	Welcome and opening remarks	
	The co-chair of this group, Mr. Bailey, opened the meeting and welcomed the participants. He informed that Mr. Manz, the chair, was not available to join this meeting.	
2	Organisational issues	
	A screen sharing was set-up using SKYPE.	
2.1	Introduction of participants	
	The participants were noted by the secretary, see Annex 1. The participants briefly introduced themselves. Apologies were noted from: K. Manz, DE C. Versluijs, IEC Th. Goldbach, OICA	
3	Adoption of the agenda	**TFSR-12-01**
	The agenda was adopted.	
4	Approval of the report of the previous meeting	**TFSR-11-06**
	The report was approved.	
5	LED Substitutes for road illumination application	
5.0	Review of the discussion at GRE82	GRE-82-17rev2 Report GRE-82: item 23, 24, 25
	noted	
5.1	Demonstration of halogen headlamps equipped with LED prototypes	TFSR-05-10
	noted	
5.2	R.E.5 H11/LED/6	(TFSR-05-06, H7/LED) TFSR-06-02 TFSR-07-02 GRE/2019/21 **GRE/2020/6**

	Noted that GRE83 was postponed from April to October 2020. Therefore, no GRE feedback was yet available on document GRE/2020/6.	
5.2.1	Sheet H11/LED/2 Footnote 3 – Temperature testing	GRE/2019/21 GRE-82-45 TFSR-09-02 TFSR-09-03rev1
	noted	
5.3	Mechanical keying, Interlock IEC 60061 H11/LED/6	(TFSR-05-05 H7/LED) TFSR-06-03 GRE-82-12
	noted	
5.4	Equivalence Criteria	TFSR-05-04 TFSR-06-04 TFSR-06-07 (rev of TFSR-05-04) TFSR-07-04 GRE-82-03
	noted	
5.5	Changes to Device Regulations – R149 (RID)	TFSR-05-03 TFSR-07-03 TFSR-07-03rev1 GRE/2019/19
	noted	
6	Introducing LED technology into R37 (LEDr)	
6.0	Review the discussion at GRE-82	GRE-82-17rev2 GRE82 report: item 21, 22
	noted	
6.1	Changes to R37 – administrative items	TFSR-06-05rev1 TFSR-08-02 TFSR-10-02 TFSR-11-03 **TFSR-12-02** **TFSR-12-02rev1** **TFSR-12-02rev2**
	Mr. DeVisser introduced document TFSR-12-02. The document was viewed on the screen, and Mr. De Visser introduced the main changes, paragraph by paragraph. Several items were discussed in more detail: - Low power type (high efficiency type) - Optional use of external electronics - Polarity - Maximum Cap dimension - Number of test samples The conclusion of the discussion was noted together on the screen, see document TFSR-12-02rev1. Mr. DeVisser offered to prepare an updated, clean proposal.	

	[note by the secretariat: after the meeting distributed with document number TFSR-12-02rev2] Also the need for an "equivalence document" was discussed, as a guideline for preparing new LEDr category sheets, and to include explanations for the different technical aspects. It was agreed to discuss this in more detail in the next meeting.	
6.2	Changes to R37 – technical items	TFSR-08-03rev4 **TFSR-11-02rev1**
	noted	
6.3	Changes to R128 (if any)	TFSR-10-03 TFSR-11-04 **TFSR-12-03** **TFSR-12-03rev1**
	Document TFSR-12-03 was reviewed. It was agreed to split-off the editorial corrections, not related to LEDr, into a separate proposal to be submitted by GTB or IEC. Mr. DeVisser offered to prepare an updated proposal. [note by the secretariat: after the meeting distributed with document number TFSR-12-03rev1]	
6.4	Changes to RE5	TFSR-10-04 TFSR-11-05
6.4.1	First category proposal(s) – H11-LEDr	**TFSR-12-04** **TFSR-12-04rev1**
	Mr. Schlager introduced document TFSR-12-04. The definition was modified together on the screen. The inter-relationships with the R37-proposal were reviewed in detail, i.e.: • Maximum cap temperature • Maximum outline of the cap • Polarity • Minimum power • Maximum power (low power type) It was agreed to change "low power" to "high efficiency", both in RE5 and R37. Mr. Schlager offered to prepare an updated proposal. [note by the secretariat: after the meeting distributed with document number TFSR-12-04rev1]	
6.5	Demonstration with LEDr prototypes	
	Not available due to "online-meeting-only".	
7	Next meeting(s), next steps	

	Mr. DeVisser asked about submission of the R37 proposal to GRE; whether it could be in track-changes-mode, or as complete text or as an “amend to read”-format. Mr. Bailey replied that it could be a combination of formal document (amend-to-read-format) and an informal document in “full text”. This was confirmed by Mr Rovers. The following timeline was agreed: Until 9 July: Further editing based on the discussions / decisions of this meeting; DeVisser, Schlager, Plathner Until 17 July: review by the group; ALL 24 July: submission of formal documents to GRE-secretariat; Plathner The following items could not be concluded and it was agreed to further discuss them in a next meeting: - Discussion on type definition / approval numbers in case of external electronics - Equivalence document - Equivalence report The 13th meeting was scheduled for 24 September; from 13:00 to 17:00 CEST, as online / TEAMS meeting only.	
8	Closure	
	The chairman thanked the participants and closed the meeting.	

Ph. Plathner

Annex 1: Participants (noted by the secretary)

Name	**CP / NGO**
Ph. Bailey (chairman)	UK
Ph. Plathner (secretary)	IEC
W. Schlager	IEC
B. Terburg	GTB
T. Torma	GTB
W. Van Laarhoven	NL
B. Böttcher,	FIA
D. Kooß	GTB
R. Krautscheid	DE
L. Schwenkschuster	GTB
D. Rovers	NL