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8th Meeting: WP29 - GRSP – Informal WG on Electrical Safety (ELSA)

Washington – Offices of the US Automobile Association

31 August 2010

02 September 2010

Meeting Report

Handover of the ELSA chairmanship

Before the Agenda of the meeting was discussed/approved Gerd Kellermann informed that Heiko Mertens took over new responsibilities in his company and therefore will be no longer able to chair the group.

While Germany is the champion of the informal group Mr. Kellermann from the German Ministry of Transport took over the chairmanship of the group.

Also Mr. Mertens was not able to attend the meeting the group thanked him for his contribution and wishes him all the best for his new responsibilities.

Agenda (see ELSA-8-1 Rev.1)

The Secretary of the group informed that because of lack of time he was not able to write Minutes (ELSA-T-1) of the ELSA telephone-conference held in July 2010. It was agreed that no Minutes are necessary.

The agenda was adopted.

Meeting Minutes of the Seventh Meeting (see ELSA-7-8)

Minutes of the seventh meeting were approved.

UN Press-Release about Working Group on eSafety for RESS

Before the agenda-topic “Subgroup for Establishing Regulations for Energy Storage” was discussed the group was informed about a press-release from the UN secretary. The release (see ELSA 8-08) informs about the installation of the subgroup under the chair of Germany.

Subgroup for Establishing Regulations for Energy Storage

Upfront to the 8th ELSA Meeting Japan distributed two documents (ELSA-8-09 and ELSA-8-10) for possible “Terms of References” of the group. During the discussion in Washington of the two documents from Japan the following was agreed:

- The RESS safety requirements are in the first step link to the 1958 Agreement.
- A GTR may be developed in a second step when GRSP/WP.29 sees the necessity.
- The subgroup has to discuss a possible limitation of the scope of the work to vehicles of categories M1 and N1
- The requirements should not be design restrictive

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- The scope of the work is not limited to lithium-ion batteries
- The subgroup should consider in its work all available information about safety of RESS.
- Germany will propose for the first meeting of the subgroup amended ToRs

After the discussion of the Japanese documents Mr. Kellermann asked for any volunteers to chair the subgroup. The ELSA members agreed that Germany should lead the group. In addition OICA volunteered to be the secretary. Therefore Mr. Kellermann will chair the subgroup and Mr. Goldbach will support him as the Secretary of the group.

Subsection “in-use”

The discussion of the subsection “in-use” was based on the documents ELSA-8-2 and ELSA-8-3.

The result of the discussion is document ELSA-8-2 Rev.01. There the agreed amendments are highlighted in red.

As the last action item it was agreed that for 3-3-3-2 OICA has to come up with a proposal for a) and b) that allows NTHSA to tell the manufacturer how the system has to be tested.

Subsection “post-crash”

The discussion of the subsection “post-crash” was based on the documents ELSA-8-5 and ELSA-8-6.

The result of the discussion is document ELSA-8-5 Rev.01. There the agreed amendments are highlighted in red. Furthermore the definitions are now in alphabetic order and parts which are in brackets are highlighted with green background. These are the safety measurement “Physical Protection” with the connected test and the possibility to allow modifying the fuel system for tests.

To accept the “Physical Protection” as a safety measurement the US needs some more investigation. Regarding the modification of the fuel system for tests OICA has to come up with a justification.

Date and venue of the next Meeting

The members of ELSA agreed that for the moment there is no necessity for a next meeting of the group.

Thomas Goldbach,

18.10.2010