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Informal document No. WP.29-149-
(149th WP.29, 10-13 November 2009)

1958 AGREEMENT

Status reports of the GRSP informal group on CRS

According to §18 of ECE-TRANS-WP29-1077e regarding the development of a new Regulation on child restraint systems (CRS) by GRSP, the WP.29/AC.2 asked to be informed at its November 2009 session about the goals of the new Regulation through a strategy plan to be tabled by the informal group on CRS. The representative of the EC stressed the urgent need to develop this new Regulation and the WP.29/AC.2 recalled that GRSP should finalize a concrete proposal, in accordance with the mandate of the World Forum.

1. Terms of reference of the informal group

The informal group shall consider the development of a new regulation for “Restraining devices for child occupants of power-driven vehicles” for consideration by GRSP.

- The basis of the discussion will be informal documents N°. GRSP-42-2 and GRSP-42-27.
- A step by step approach shall be implemented
 - Phase 1: Develop definitions, performance criteria and test methods for ISOFIX Integral “Universal” CRS
- In its work, the informal group will take into consideration amongst others the technical expertise of EEVC WG18, EEVC WG12, ISO TC22/SC12, and NPACS as well as the results of the discussions held in the informal group and at GRSP.
- If necessary, the informal group shall develop complementary test methods and propose alternative judgement criteria.
- The target completion date for the informal group shall be the forty-sixth session of GRSP (December 2009) for this first phase.

2. Status of the work done

- 13 meetings from January 2008 till October 2009
- First draft regulation covering phase 1 to be presented as an informal document to the forty-sixth session of GRSP in December

3. Principles of this new regulation

- Independent regulation. The ECE R44 remains valid
- The scope of this new regulation cover only “ISOFIX – Universal – Integral” Child restraint systems
- New philosophy of classification
 - No groups
 - Classification based on standing height, maximum permissible weight (Child + CRS) and age limit for forward facing use.
- Use of the Q dummies for frontal, rear and lateral dynamic impact
- Use of measurement device for CRS size control
- Use support leg as well top tether as universal anti rotation device

4. Next steps

- Validation of the principles by GRSP in December 2009 session
- Refining of the draft document by the informal group for GRSP May 2010 session
- If agreed by GRSP starting the phase 2 from June 2010

5. Strategy

- Implements phase 1 as soon as possible
- Do not authorise in this regulation the use of CRS fixed by adult safety belt
- Delete ISOFIX in regulation ECE R44 with transitional provisions

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- Start the phase 2 for ISOFIX CRS non integral (Child is restraint by the adult safety belt)

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