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Regulation No. 129 (Enhanced child restraints systems)

Proposal for Supplement 3

Submitted by the expert from France*

The text reproduced below was prepared by the expert from France in response to the request of GRSP (ECE/TRANS/WP29/GRSP/53, para. 45) concerning the configuration of Child Restraint Systems (CRS) combining a base attached with ISOFIX anchorages to the vehicle and a shell installed on it. This shell should be used at the choice of the user without the base and secured by an adult safety belt. This proposal aims at allowing the type approval of this configuration according to UN Regulation No. 129 in its first phase. The modifications to the text of the UN Regulation are marked in bold for new characters.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

List of Annexes, insert a reference to a new Annex 22, to read:

"22. Infant carrier module....."

Paragraph 5.3., insert the reference to footnote ¹ and footnote ¹ to read:

"5.3. Notice of approval or of extension or refusal of approval of a Child Restraint System pursuant to this Regulation shall be communicated to the Parties to the Agreement which apply this Regulation by means of a form conforming to the model in Annex 1 to this Regulation. ¹

^{1.} **If part of the enhanced child restraint system could be used as an infant carrier module and installed as defined in Annex 22, for a transitional period of [X] month, approvals according to this Regulation can only be granted if the infant carrier module complies with the requirements of this annex."**

Paragraph 5.4.1.1., the reference to footnote ¹ and footnote ¹, renumber as footnote ²

Paragraph 6.3.5., the reference to footnote ² and footnote ², renumber as footnote ³

Paragraph 6.6.4.3.1., the references to footnotes ^{3,4} and ⁵ and footnotes ^{3,4} and ⁵, renumber as footnotes ^{4,5} and ⁶

Paragraph 6.6.4.5.2., the references to footnotes ⁶ and ⁷ and footnotes ⁶ and ⁷, renumber as footnotes ⁷ and ⁸

Insert a new Annex 22, to read:

"Annex 22

Infant carrier module

1. Definition

"*Infant carrier module*" means a module that is part of an Integral Enhanced Child Restraint System restraining a child up to 15 months old and up to 13 kg and which can be used as a stand alone Child Restraint System. It is designed to be removed from the vehicle with the child inside and without opening any harness and to carry it outside of the vehicle.

2. Provisions applied to the infant carrier module

2.1. Belt routing shall comply with paragraphs 4.3. and 6.1.9. of Regulation No. 44.

2.2. Frontal impact test shall comply with paragraph 7.1.4. of Regulation No. 44.

2.3. Rear impact test shall comply with paragraph 7.1.4. of Regulation No. 44.

2.4. Overturning test shall comply with paragraph 7.1.3. of Regulation No. 44."

II. Justification

1. Travel systems for children have existed for more than 30 years. They are very popular among consumers who used them to transfer an infant carrier from a stroller to a

base for easy installation in a car. Consumers also use these when a stand alone child restraint system is needed.

2. Since no belt routing CRS has yet been inserted into UN Regulation No. 129 and no double approval is allowed, there is no possibility to offer a travel system type approved according to UN Regulation No. 129. The goal of this amendment is to offer such possibility applying relevant paragraphs of UN Regulation No. 44 to the infant carrier during a transitional period of time. This period will expire when CRS secured with adult safety-belts (phase 3) will be integrated into UN Regulation No. 129.
