STATUS REPORT OF THE INFORMAL WORKING GROUP ON SAFER TRANSPORT OF CHILDREN IN BUSES AND COACHES (IWG-STCBC)

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INFORMAL WORKING GROUP

Last meeting
20th IWG-STCBC meeting
Date: 8th May 2024
Location: Helmond, Tass International

Next meeting
21st IWG-STCBC meeting
Date: 9th July 2024
Location: Online
Plan and Schedule

2023
1 2 3 4 5 6 7 8 9 10 11 12

WP.29
189 190

GRSP
73 74 75

IWG
17 18 19 20 21 22 23

2024
1 2 3 4 5 6 7 8 9 10 11 12

192 193

Informal Doc.

2025
1 2 3 4 5 6 7 8 9 10 11 12

194 195 196 197

Working Doc.

2nd phase approved

IWG submission of 2nd phase Regulation
**SUMMARY OF THE NEW UN REGULATION**

<table>
<thead>
<tr>
<th>Time line</th>
<th>GRSP- May 2025</th>
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<tbody>
<tr>
<td></td>
<td>WP.29 – November 2025</td>
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<tr>
<td>Objective</td>
<td>No ejection of the children.</td>
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<td>Good retention in the seat</td>
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<td>Phase 1</td>
<td>a: CRS approved according to R-129 with 3-point belt and or ISOFIX</td>
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<td>b: Built in systems</td>
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<td>Phase 2</td>
<td>CRS in combination with 2-point belts</td>
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KEY ELEMENTS

- Test configurations: Frontal impact and rollover
- Retention system: 2-point belt
- Consideration of the CRS: R-129 approved CRS + additional new UN Regulation approval

UN R129 + New UN 170 = CRS for buses and coaches
o Construction of the bus will not be modified.

o Separate components on the CRS for installation will not be allowed.

o Tests results:
  • 1st step: Dummy injury criteria for monitoring purposes only
  • 2nd step: Dummy injury criteria mandatory from 2029
Ongoing

- Test procedure:
  - Real bus seat
  - Define the procedure for installation of the CRS with 2point-belt

- Labeling.
  - Label product for bus
  - Additional instructions for buses. In a separate instructions (it may be in the same manual instructions or separate up to the manufacturer) or QR code.
  - No drawings on the installation of the bus in the CRS itself. Only in the separate instructions or QR.

- Minimum characteristics necessary for the installation of the CRS in the bus seat:
  - Amend UN R107
GUIDANCE GRSP

SCOPE: CRS approved according to UN R129.

Do we need to include also CRS approved according to UN R44?

- R44 end of sold in 2024 in Europe. But not in other countries.
- Not to confuse the costumers.
- How to prevent specific product for a bus to be used in a car.
- CRS manufacturer to extend the UN R44 products with the new Regulation.
- Promoting R129 products to have better CRS.
NEXT STEPS

- UN R44 allow the approval of Built-in CRS
  - To draft an amendment for ending the approval of R44 for built-in. Give a period of time for it. For new types September 2029. Extensions accepted until [2031].

- Drafting of the 2\textsuperscript{nd} phase UN R170.
THANK YOU FOR YOUR ATTENTION