Draft proposal -R16 handbook from CRS workshop - simplification of the R129 table

For discussions during 54th meeting of UNECE IG CRS

26th of October 2015, Brussels
R129 table - hypothesis

- As the universal principles between R44 & R129 are different, 2 tables are needed. The following proposal shows the new R129 table only.

Hypothesis:
- No booster cushions in R129. The R44 universal booster cushions sit a Q10.
- Belted CRSs to be discussed in phase 3.
- The revised i-size position includes the current i-size (R2 & F2X) gabarits, as well as the F4 booster seat in 440mm width gabarit (proposal A from CLEPA), with stowable isofix, sitting a Q3 until Q6, depending on the declaration.
- The inner dimensions of the booster seats switch from 95% to 50% children at 125cm height.
- High-back booster seats “squeezed” into the F4-440mm box are deemed to be compliant, if the flexible wings don’t break.
- At least one position of a CRS of a declared range has to be within the F4-440mm gabarit, in order to be named “universal”. (CRS manufacturers to inform for what size of child it is universal)
- An additional 520mm width gabarit containing a Q10 could be used as a “specific to vehicle” envelope, covering 125 to 150cm children.
following ISO/TS 13499 - RED B : 2012 E, all the seating positions in a car have a standard number:

<table>
<thead>
<tr>
<th>Type of CRS per UN R129</th>
<th>Specific to Vehicle</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;B-Size&quot; (universal belted)</td>
<td>i-Size (incl. revised)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Seat Position</th>
<th>Specific to Vehicle</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 4 6</td>
<td>4 6</td>
</tr>
</tbody>
</table>

Revised isize: R2, F2X, & F4-440mm with stowable isofix

**Specific to vehicle**: include the different isofix envelopes, the carrycots, « old definition » specific to vehicle CRSs & « old definition semi-universal » CRSs
# 1st draft proposal

<table>
<thead>
<tr>
<th>Type of R129 CRS</th>
<th>I-size (revised)</th>
<th>CRS Other than i-size; x</th>
<th>Universal belted –size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seat position</td>
<td>5</td>
<td>Check CRS manufacturer (X, Y) table 5</td>
<td></td>
</tr>
</tbody>
</table>
Information from vehicle manufacturers

1. Information for customers in handbook
   1. i-size seating positions
   2. Universal Belted seating position
   3. Other CRSs seating positions
   4. No CRSs seating positions

2. Information available in annex or website or…
   ✓ based on current tables & simplified
   ✓ could be more technical

example:

- R3 (classe C) on ❼;
- F3 (classe A) on ❸
In R16 handbook for **R44 tables** – further remarks from R Schram:

1. Universal gabarit for belted CRS:
   Sentence about the alternative position of « fully upright seatback position » for the U gabarit, might not work for the real CRS.
   ⇒ Not to be stated in the veh. handbook (not a consumer info).

2. For ISOFIX tables:
   ISO R3, specify a list of seats…IL
   - IL $ table 2: delete « given in the attached list ».
   Next page:
   - remove i-UF; which is not in the spirit of i-size.
   - IUF: suitable for ISOFIX forward CRSs… does not make sense: if we go to the simplified list as proposed today, it’s ok.: tbd

3. Need to mention whether the airbag activated is possible for a rearward universal belted CRS (2 columns, with an X)