Transmitted by the Chairman of the GTR7 Phase II Informal Group

Informal document **GRSP-50-26**
(50th GRSP, 6–9 December 2011, agenda item 3)

THIS DOCUMENT IS PROVIDED FOR INFORMATION AND COMMENT.

This document represents initial drafting for a proposal for an amendment to the Consolidated Resolution on the Construction of Vehicles (ECE/TRANS/WP.29/78). The purpose and meaning of this document should be considered as complimentary to (and read in conjunction with) the proposal for a series of addenda to the Consolidated Resolution on the Construction of Vehicles as described in informal document GRSP-50-27.

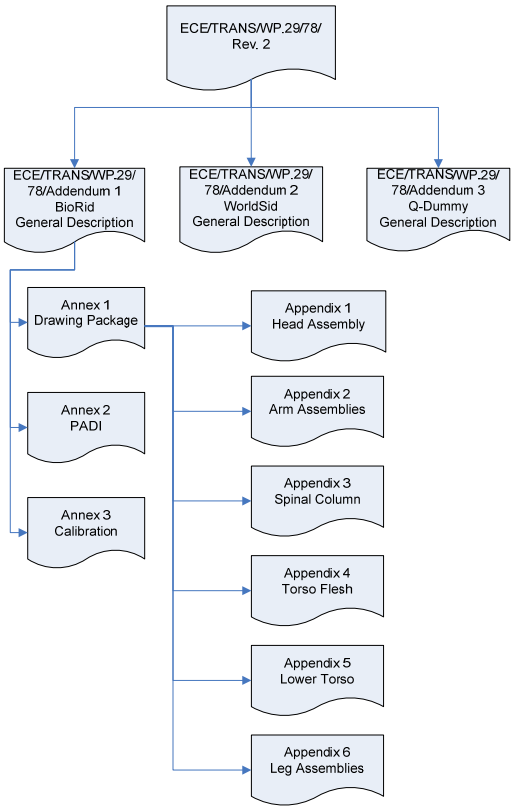
Introduction

1. During the 143rd session of WP.29 (November 2007), the Executive Committee of the 1998 Agreement agreed to proposals from GRSP to develop an amendment to GTR number 7 – Head Restraints. The principal consideration of the informal group was to establish the suitability of the BioRid dummy for regulatory use and, if appropriate, bring forward proposals for its adoption.

2. At its 152nd session, the Executive Committee considered a request from the Chairman of the informal group for guidance on their preference for managing files that define the technical detail associated with the dummy, e.g. drawings, calibration etc. and in particular, to ensure legislative control of technical revisions to the tool (version control). The Executive Committee noted the relevance of the issue to regulations developed in the framework of both the 1958 and 1998 Agreements and also to other test devices employed for the purpose of regulatory assessment. A proposal was invited from the GTR 7 informal group that might be considered for adoption to serve not only the issue of dummies but also the wider interests of WP.29. At the 155th session it was agreed that a proposal for the inclusion of data concerning test devices and equipment be developed for inclusion in the Consolidated Resolution on the Construction of Vehicles (R.E.3).

3. This proposal sets out a methodology for indexing information files for each and any particular test device and to do so in a manner that provides full transparency to any changes that may be required to that device over time.

4. Recognising the size of the file for each test device (approximately 300 pages) it is also proposed that only high level information is entered into the body of R.E.3 and that for each test device that is recorded new and unique addendum to R.E.3 is introduced. This proposed structure is illustrated below using the BioRid dummy as an example:



5. This structure permits a document numbering system that provides a unique identifier to each Addendum. This numbering protocol provides for recognition of revisions to any of the content of an addenda and for these revisions to also be identified by reference to R.E.3.

6. The addenda contain detailed drawings that are provided by the manufacturer in the English language and these cannot be reproduced in an alternate language without significant cost. Similarly, the user manuals and laboratory procedures will generally be created in only the English language. It is expected that the predominant use of this information will be in specialist engineering laboratories where the use of English is common. It is also noted that these addenda are considered as data sheets where translation is impossible due to the nature of the file (jpg file, picture with notes etc.) and have no legal effect to the main body of the document, (it is recognised that R.E.3 also has no binding legal effect). For these reasons it is suggested that, for the addenda only, consideration is given to seeking dispensation from the requirement to transpose documents into the French and Russian languages.

Justification

7. It is recognised that the test tools used to establish regulatory compliance are also used within manufacturing industry for research and development purposes. It is also recognised that the test tool manufacturer may change the design of the tool over time, often in response to user initiatives. These changes can affect the performance of the tool when used for regulatory compliance.

8. It is necessary to ensure that test tools used to assess a product's compliance with regulatory requirements are of equivalent build and calibration. This proposal ensures that all regulatory authorities can access the specific data necessary to ensure such standardisation.

Proposal

Consolidated Resolution on the Construction of Vehicles (R.E.3)
ECE/TRANS/WP.29/78/Rev.2. Insert new paragraph 9

"**9. Test tools and equipment**

The Table below lists specific test tools and equipment that are referenced in individual regulations made under the 1958 Agreement as necessary for the determination of regulatory compliance for Type Approval. The Table refers to Addenda to the Consolidated Resolution on the Construction of Vehicles in which details of the design, construction, maintenance and preparation of the test tools or equipment can be found.

Precise conditions of use for each of the specified test tools or equipment can be found in the appropriate regulation."

Table

ECE/TRANS/WP.29/78/Add.	Generic Name	Relevant Regulation(s)	Date of Adoption of the Addendum	Detail of Revisions
1	BioRID	[R25]	xx/xx/xx	xx/xx/xx Drawing No. Annex 1/Appendix 2
2	Q-0	RXX		
3	Q-4	RXX		
4	WorldSid 50m	[R95]		
