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**Committee of Experts on the Transport of Dangerous Goods  
and on the Globally Harmonized System of Classification  
and Labelling of Chemicals****Sub-Committee of Experts on the Transport of Dangerous Goods****Forty-second session**

Geneva, 3–11 December 2012

Item 2(c) of the provisional agenda

**Recommendations made by the Sub-Committee on its  
thirty-ninth, fortieth and forty-first sessions and pending issues:  
electric storage systems****Amended T 6 test: transitional period for lithium batteries****Transmitted by the expert from Germany<sup>1</sup>****Introduction**

1. The Sub-committee adopted an amendment to the T 6 test as proposed by the expert from China (see ST/SG/AC.10/C.3/2012/6) during the June session. Thus, the crush test will apply to all cylindrical cells with diameters under 18 mm (instead of those with diameters under 20 mm) and the impact test to cells with diameters of 18 mm or greater (instead of 20 mm or greater). Amendment 1 to the fifth revised edition of the Manual Tests of Criteria defining a diameter of less than 20mm as limit for the scope of the test types will be set in forth by the modal regulations from 1 January 2013. Due to multilateral agreements the test provisions in amendment 1 are even applicable since summer 2012 in some contracting parties of ADR and member states of the OTIF.

2. This will have impact on large quantities of lithium batteries and lead to a requirement to re-test battery types with a diameter equal or more than 18 mm and less than 20 mm if no transitional period will apply. The improvement of the T 6 test was decided on the basis of a compilation of test results, but not due to incidents which would require immediate implementation. Therefore a provision allowing the transport of lithium batteries manufactured before 2016 and conforming to a type tested according to 38.3 as contained in amendment 1 to the fifth edition of the UN Model Regulations should be included in

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<sup>1</sup> In accordance with the programme of work of the Sub-Committee for 2011-2012 approved by the Committee at its fifth session (refer to ST/SG/AC.10/C.3/76, para. 116 and ST/SG/AC.10/38, para. 16).

2.9.4. At the 39<sup>th</sup> session already a transitional period for batteries and cells tested according to the 5<sup>th</sup> revised edition of the Manual of tests and criteria was adopted.

## **Proposal**

At the end of 2.9.4 (a) add the following sentence:

“Cells and batteries of a type manufactured before 1 January 2016 and conforming to a design type tested according to requirements of the fifth revised edition of the Manual of Tests and Criteria, amendment 1, sub-section 38.3 may continue to be transported.”

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