

## Economic Commission for Europe

### Inland Transport Committee

#### Working Party on the Transport of Dangerous Goods

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#### Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods

Geneva, 17-27 September 2013

Item 6 (b) of the provisional agenda

#### Proposals for amendments to RID/ADR/ADN: new proposals:

### **Damaged or defective lithium cells and batteries: special provisions 376, 377, 636 and 661**

#### **Transmitted by Switzerland and RECHARGE.**

#### **DRAFT 2.**

As proposed in the Secretariat's Report (page 23) there is a need to adapt SP636 and to delete SP661 in the ADR Regulation.

1. The following changes are proposed in SP636 (b).

For reasons of coherence with P909 § 2, the technical characteristics of the lithium batteries concerned are added as an alternative to the 500 g weight limit.

The word recycling has been added after disposal: "for disposal or recycling...".

The application field of SP 636 is for batteries collected from consumers. This is now indicated in the Special Provision.

A reference is made to the fact that these lithium batteries are not subject to other provisions of ADR including SP376 and paragraph 2.2.9.1.7. *This is justified because unidentified damaged and defective lithium batteries may be present in the collection of batteries from consumers.*

2. In the subparagraphs, the following suggestions are made.

In (i), a reference is made to P909 and to the exception from compliance with the additional requirements *(1) and (2). It means that the additional requirement (3) remains applicable.*

In (ii), a reference is made through a footnote about the possibility offered to Competent Authorities to check the quality insurance system.

In (iii), the appropriate labelling is indicated.

## Proposal

1. Amend the wording of SP 636 (b) as follows,

“636 (b) **Modified.** Up to the intermediate processing facility, lithium cells and batteries of not more than 500 g each *or lithium ion cells with a Watt-hour rating of not more than 20 Wh, lithium ion batteries with a Watt- hour rating of not more than 100 Wh, lithium metal cells with a lithium content of not more than 1 g and lithium metal batteries with an aggregate lithium content of not more than 2 g*, whether or not contained in equipment, collected **from consumers** and handed over for carriage for disposal **or recycling**, together with or without other non-lithium cells or batteries, are not subject to the other provisions of ADR **including SP376 and paragraph 2.2.9.1.7.**, if they meet the following conditions:”

- (i) the provisions of packing instruction **P909** apply **except for the additional requirements (1) and (2).**
- (ii) a quality assurance system is in place to ensure that the total amount **of** lithium cells or batteries per transport unit does not exceed 333 kg (**Footnote 1**),
- (iii) packages shall be marked “**LITHIUM BATTERIES FOR DISPOSAL**” **or LITHIUM BATTERIES FOR RECYCLING**” as appropriate.

**(1)Footnote:**

**"The total quantity of lithium batteries in the mix may be assessed by means of a statistical method included in a the quality assurance system. A copy of the quality assurance records shall be made available to the competent authority upon request."**