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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****Fifty-first session**

Geneva, 3-7 July 2017

Item 4 (c) of the provisional agenda

**Electric storage systems: Transport provisions****Assignment of battery powered equipment and batteries  
under UN Nos. 2800, 2794, 2795, 3028 and 3496****Transmitted by the expert from Switzerland\****Summary*

<b>Executive summary:</b>	Like equipment containing lithium batteries, other types of cells and batteries installed in equipment should be mentioned in special provision 388 assigned to UN Nos. 3166 and 3171.
<b>Action to be taken:</b>	In special provision 388, add a reference to equipment powered by dry or wet batteries, sodium batteries or nickel-metal hydride batteries under UN Nos. 2800, 2794, 2795, 3028 and 3496.
<b>Reference documents:</b>	ST/SG/AC.10/44/Add.1.

**Introduction**

1. Special provision 388 has been assigned to entries under UN Nos. 3166 and 3171 (see ST/SG/AC.10/44/Add.1). The types of batteries under UN No. 3171 that are listed in the fifth paragraph of SP 388 are wet batteries, sodium batteries, lithium metal batteries and lithium ion batteries. In classifying battery powered equipment, however, the seventh paragraph lists only the entries UN 3091 LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT or UN 3091 LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT or UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT

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\* In accordance with the programme of work of the Sub-Committee for the biennium 2017-2018 approved by the Committee at its eighth session (see ST/SG/AC.10/C.3/100, para. 98, and ST/SG/AC.10/44, para. 14).



or UN 3481 LITHIUM ION BATTERIES PACKED WITH EQUIPMENT. No reference is made to the other types of batteries for UN No. 3171 listed in the fifth paragraph.

2. Except in respect of UN No. 2800, where the NOTE in special provision 238, subparagraph (a), mentions electric storage non-spillable batteries for mechanical or electronic equipment, no reference is made to equipment under the other UN Nos. for batteries or cells, i.e. 3292, 2794, 2795, 3028 and 3496. Such equipment must therefore be transported subject to the conditions set forth in the respective entries for batteries and cells. If this is the case then these entries should also be included in the seventh paragraph of SP 388 in the same way as lithium cells and batteries. That is the aim of this proposal.

## **Proposal**

3. Add, at the end of the seventh paragraph, the following text:

“Equipment powered by dry or wet batteries, sodium batteries or nickel-metal hydride batteries shall be consigned under UN Nos. 2800 BATTERIES, WET, NON-SPILLABLE, electric storage, 2794 BATTERIES, WET, NON-SPILLABLE, FILLED WITH ACID, electric storage, 2795 BATTERIES, WET, NON-SPILLABLE, FILLED WITH ALKALI, electric storage, 3028 BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE SOLID, electric storage, 3596 LITHIUM NICKEL-METAL HYDRIDE, as appropriate.”

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