

**Committee of Experts on the Transport of Dangerous Goods
and on the Globally Harmonized System of Classification
and Labelling of Chemicals**

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**Sub-Committee of Experts on the
Transport of Dangerous Goods**

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Item 4 of the provisional agenda

Electric storage systems

**Requirements for damaged or defective lithium cells and
batteries in special provision 376 (amendments to
ST/SG/AC.10/C.3/2018/51)**

**Transmitted by PRBA - The Rechargeable Battery Association, the
Medical Device Battery Transport Council (MDBTC), and the
Advanced Rechargeable & Lithium Batteries Association
(RECHARGE)**

Introduction

1. This paper proposes modifications to special provision 376 based on comments received in response to ST/SG/AC.10/C.3/2018/51 that addressed the transport of damaged and defective lithium batteries. Amendments to the “Note” in Special Provision 376 are provided below.

Proposal

2. **NOTE.** In accessing a cell or battery as damaged or defective, the type of cell or battery and its previous use and misuse and the condition of the cell or battery safety features shall be taken into account. An assessment or evaluation of a cell or battery should consider (e.g., done with a safety check list that includes criteria from the cell, battery or product manufacturer or by a technical expert with knowledge of the battery’s safety features) acute danger (e.g., gas, fire, electrolyte leaking), signs of physical damage (e.g., deformation to cell or battery casing, colours on the casing), external and internal short circuit protection (e.g., voltage or isolation measurements) and damaged internal safety components (e.g., a battery management system).
