



WORKING PAPER

**DANGEROUS GOODS PANEL (DGP)
MEETING OF THE WORKING GROUP OF THE WHOLE**

Atlantic City, United States, 4 to 8 April 2011

Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) for incorporation in the 2013-2014 Edition

2.3: Part 3 — Dangerous Goods List, Special Provisions and Limited and Excepted Quantities

SECONDARY LITHIUM BATTERIES

(Presented by H. Brockhaus)

SUMMARY

This paper proposes an amendment to Special Provision A99 in order to enable safe transport of lithium batteries larger than 35 kg gross mass. The paper is presented as result of DGP-WG/10-IP/2 presented during DGP-WG10 in Abu Dhabi and resulting comments from participants. If the proposed amendment is agreed, the DGP-WG is invited to implement it by way of an addendum to the 2011/2012 Edition.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 During the DGP-WG10 meeting in Abu Dhabi, DGP-WG/10-IP/2 was presented which showed the needs of adopting the existing rules for the transport of large lithium batteries coming from series production.

1.2 The panel members were invited to give comments to the offered proposals and ideas.

1.3 Based on several comments during the panel discussion and very helpful further comments from several others we were encouraged to file this working paper.

2. **ACTION BY THE DGP-WG**

2.1 The DGP-WG/11 is invited to consider:

- a) amending Special Provision A99 as shown in the appendix to this working paper; and
- b) issuing an addendum to the 2011/2012 Edition of the Technical Instructions which would contain the equivalent amendment to the special provision as shown in the appendix.

APPENDIX

PROPOSED AMENDMENT TO THE 2011/2012 EDITION OF THE TECHNICAL

A99 Irrespective of the quantity limits for cargo aircraft specified in column 13 of Table 3-1, and in Section I of Packing Instructions 965, 966, 967, 968, 969 and 970, a lithium battery or battery assembly (i.e. UN 3090 or UN 3480), including when packed with equipment or contained in equipment (i.e. UN 3091 or UN 3481) that meets the other requirements of Section I of the applicable packing instruction, may have a mass exceeding 35 kg, if approved by the appropriate authority of the State of Origin. A copy of the document of approval must accompany the consignment.

An approval is not necessary for large lithium batteries or battery assemblies with a single weight exceeding 35 kg if it has only one large battery or battery assembly per package.

— END —