



DANGEROUS GOODS PANEL (DGP) WORKING GROUP ON LITHIUM BATTERIES

SECOND MEETING

Montréal, 7 to 11 April 2014

Agenda Item 1: Mitigating risks associated with the carriage of lithium metal batteries

EXEMPTIONS AND APPROVALS

(Presented by the Secretary)

1. INTRODUCTION

1.1 The working group agreed in principle to the amendment proposed in DGP-WG/LB/2-WP/2 banning the transport of lithium metal batteries on passenger aircraft. The amendment allowed for an exemption, but did not provide for an approval. Following discussion, it was determined that some members wished to consider the approval mechanism. This information paper explains the difference between approvals and exemptions. The basis for a special provision allowing for an approval to transport lithium metal batteries is provided in the appendix to this working paper.

2. APPROVALS

2.1 An approval to transport on a passenger aircraft may be considered if:

a) Special Provision A1 is assigned to the article or substance (Column 7 of Table 3-1);

A1: This article or substance may be transported on passenger aircraft, only with the **prior approval of the appropriate authority of the State of Origin and the State of the Operator** under the written conditions established by those authorities. The conditions must include the quantity limitations and packing requirements and these must comply with S-3;1.2.2 of the Supplement. A copy of the documents of approval, showing the quantity limitations and packing requirements, must accompany the consignment. The article or substance may be carried on cargo aircraft in accordance with columns 12 and 13 of Table 3 1.

When States, other than the State of Origin and the State of the Operator, have notified ICAO that they require prior approval of shipments made under this

special provision, approval must also be obtained from these States, as appropriate.

- b) If specifically provided for in the Instructions (e.g. a Special Provision 106 assigned to UN 3315 **Chemical sample, toxic**)

A106: This entry may only be used for samples of chemicals taken for analysis in connection with the implementation of the Chemical Weapons Convention.

They may be transported on a passenger or cargo aircraft providing prior approval has been granted by the appropriate authority of the **State of Origin or the Director General of the Organization for the Prohibition of Chemical Weapons** and providing the samples comply with the requirements shown against the entry for chemical samples in Table S-3-1 of the Supplement.

The substance is assumed to meet the criteria of Packing Group I for Division 6.1. Subsidiary risk labelling is not required.

A copy of the document of approval showing the quantity limitations and the packing requirements must accompany the consignment.

...

3. EXEMPTIONS

3.1 If there is no provision for an approval, an exemption may be considered in instances of extreme urgency, or when other forms of transport are inappropriate, or when full compliance with the prescribed requirements is contrary to public interest provided:

- a) "FORBIDDEN" does not appear across Columns 2 and 3 of Table 3-1 (e.g. Acetylene (liquefied));
- b) the article or substance which, as presented for transport, is NOT liable to explode, dangerously react, produce a flame or dangerous evolution of heat or dangerous emission of toxic, corrosive or flammable gases or vapours under conditions normally encountered in transport; and
- c) the States of Origin, Operator, Transit, Overflight and Destination determine that every effort is made to achieve an overall level of safety in transport which is at least equivalent to the level of safety provided for in the Instructions;

APPENDIX

SPECIAL PROVISION FOR LITHIUM METAL BATTERIES

Special Provision A3XX:

Lithium metal batteries may be transported on passenger aircraft, only with the prior approval of the appropriate authority of the State of Origin, State of Destination and State of the Operator under the written conditions established by those authorities. The conditions must include:

[TO BE DEVELOPED]

A copy of the documents of approval, showing the quantity limitations and packing requirements, must accompany the consignment.

When States, other than the State of Origin and the State of the Operator, have notified ICAO that they require prior approval of shipments made under this special provision, approval must also be obtained from these States, as appropriate.

— END —