International Civil Aviation Organization
WORKING PAPER

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DANGEROUS GOODS PANEL (DGP)

MEETING OF THE WORKING GROUP OF THE WHOLE

Montreal, 18 to 22 April 2005

Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions* for incorporation in the 2007/2008 edition
2.3: Part 3 — Dangerous Goods List and Limited Quantities Exceptions

LITHIUM BATTERIES

(Presented by G A Leach)

1. BACKGROUND

1.1 A significant difference has been noted between the Technical Instructions and the UN Recommendations in respect of the conditions which apply to lithium batteries, UN3090, specifically those stated in Special Provision A88.

1.2 Special Provision A88 is based on UN Special Provision 310 which provides alleviation for prototype batteries from the tests contained in the UN Manual of Tests and Criteria. At DGP 18, it was agreed to incorporate UN Special Provision 310 but also to add a restriction in respect of the maximum number of cells and batteries which may be contained in a package. However, the Technical Instructions is significantly less restrictive than the UN (and consequently the other modes of transport) in that untested batteries are not restricted to carriage only for the purposes of testing. Consequently, the Technical Instructions provides for packages containing small quantities of lithium batteries to be transported without ever being tested. It is suggested the Technical Instructions should be amended accordingly and, if the Working Group agree, this should be publicised by way of an addendum.

Proposal

It is proposed to amend Special Provision A88 as follows:

"A88 Prototype lithium batteries and cells ….may be transported for testing aboard a cargo aircraft……."

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