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
2.5: Part 5 — Shipper's Responsibilities
2.7: Part 7 — Operator's Responsibilities

APPLICATION OF LABELS ON SMALL PACKAGES

(Presented by M. Hinoul)

1. INTRODUCTION

1.1 ICAO Part 5; 3.2.7(d) requires that when primary and subsidiary risk labels are required they must be displayed next to each other. In addition ICAO Part 5; 3.2.11 a 3) requires that when a "Cargo Aircraft Only" label must be used, it must be affixed on the same surface of the package near the hazard labels.

1.2 Unfortunately this creates often a problem for small quantities of dangerous goods with multiple hazards and/or for dangerous goods which are only allowed on cargo aircraft only. In order to comply with above mentioned provisions often a too big packaging must be used in comparison with the quantities transported.

Examples:

Acrylonitrile stabilized: hazard labels 3 & 6.1 and CAO label
Aluminium phosphide: hazard labels 4.3 & 6.1 and CAO label
Diethyldichlorosilane: hazard labels 8 & 3 and CAO label

1.3 Experience has shown that it is not easy to control the movement and the upright position of small inner packagings in a big outer packaging during the whole chain of transport. Undoubtedly this may result in an unsafe situation.

1.4 To gain some space shippers display the hazard labels at an angle of 90° (square shaped). Unfortunately this results regularly in a refusal of the package.

2. **PROPOSAL**

2.1 Add a new paragraph to Part 5; 3.2.7

e) in case of hazard warning labels, be affixed at an angle of 45° (diamond shaped), unless the package dimensions are inadequate.

2.2 Add a sentence to Part 5; 3.2.7 d)

…. next to each other. However when the package dimensions are not adequate, the labels may be displayed on 2 different adjacent sides of the package.

Consequently following amendments must be made:

Part 5;3.2.11a) 3):

3) on the same surface of the package near the hazard labels. However when the package dimensions are not adequate the CAO-label must be displayed on the same surface of the primary risk label.

Part 7; 2.4.1 must be amended:

Replace following sentence: "Hazard warning labels and the "Cargo aircraft only" label must be visible" by The "Cargo aircraft Only" label and at least the primary hazard labels must be visible.

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