

DANGEROUS GOODS PANEL (DGP)

NINETEENTH MEETING

Montreal, 27 October to 7 November 2003

**Agenda Item 2 Development of recommendations for amendments to the Technical
: Instructions for incorporation in the 2005/2006 edition**

INFORMATION TO PILOT-IN-COMMAND

(Presented by J. Code)

1. INTRODUCTION

1.1 Part 7;4.1.1 (f) - Information to Pilot-In-Command states:

*"...For a consignment consisting of multiple packages containing dangerous goods bearing the same proper shipping name and UN number, only **the total quantity and an indication of the quantity of the largest and smallest package at each loading location** need to be provided;"*

1.2 An Information to the Pilot-In-Command form prepared in compliance with this paragraph would show the following information:

ID8000 Consumer commodity
Total quantity: 22 kg
Quantity in the largest package: 5 kg
Quantity in the smallest package: 2 kg
Location: Cargo hold 23L

1.3 Part 5; 4.1.5.1 Total quantity of dangerous goods states:

*"Except for empty uncleaned packagings, **the total quantity** of dangerous goods covered by the description (by volume or mass as appropriate) of each item of dangerous goods bearing a different proper shipping name, UN number or packing group must be included. For dangerous goods transported in salvage packagings, an estimate of the quantity of dangerous goods must be given. The number and kind (e.g. drum, box, etc.) of packagings must also be indicated. Abbreviations may be used to specify the unit of measurement for the total quantity."*

1.4 Packing Instructions 910 paragraphs 'k' and 'l' state:

...

- "k) Consumer commodities shipped according to these provisions may be shipped in a unit load device or other type of pallet prepared by a single shipper provided they contain no other dangerous goods.
- l) The gross mass on the dangerous goods transport document must be shown as:
- 1) for one package, the actual gross mass of the package;
 - 2) 2) for more than one package, either the actual gross mass of each package or as **the average mass of the packages**. (For example, if there are 10 packages and the total gross mass of them is 100 kg, the dangerous goods transport document may show this as "average gross mass per package 10 kg".)

2. ISSUE

- Part 5;4.1.5.1 requires **the total quantity** for dangerous goods with the same shipping name and UN number
- Packing Instruction 910 requires **the average mass of the packages**
- Part 7;4.1.1 (f) requires **the total quantity and an indication of the quantity of the largest and smallest package at each loading location** for dangerous goods with the same shipping name and UN number

2.1 In order to comply with the provisions of Part 7;4.1.1 (f) Part 5;4.1.5.1 would need to be expanded to require an indication of the '*quantity of the largest and smallest package*'.

2.2 Packing Instruction 910 would have to be revised to delete the requirement for showing the average mass of the package and to replace it with a requirement to show the '*total quantity and an indication of the quantity of the largest and smallest package*'.

2.3 Even if these changes are made it will still be impossible to comply with 7;4.1.1 (f) should the air operator choose to split a consignment of dangerous goods having the same shipping name and UN number into different loading locations on board the aircraft. The only information on the transport document would be the total quantity and the quantity of the largest and smallest package for the consignment before it was split.

2.4 To rectify the problem Part 7;4.1.1 (f) would have to be modified to require only the quantity of the largest and smallest package and delete the words 'at each loading location'.

3. PROPOSAL

3.1 Amend Packing Instructions 910 under "I" as follow:

...

l) The gross mass on the dangerous goods transport document must be shown as:

- 1) for one package, the actual gross mass of the package;
- 2) for more than one package, either the actual gross mass of each package **or the total quantity and the quantity of the largest and smallest package**. ~~as the average mass of the packages.~~ (For example, if there are 10 packages and the total gross mass of them is 100 kg, the dangerous goods transport document may show this as **total quantity: 100 kg, quantity of the largest package: 13 kg, quantity of the smallest package: 4 kg**. ~~"average gross mass per package 10 kg".~~)

3.2 Amend Part 5;4.1.5.1 Total quantity of dangerous goods as follow:

4.1.5.1 *Total quantity of dangerous goods*

Except for empty uncleaned packagings, the total quantity of dangerous goods covered by the description (by volume or mass as appropriate) of each item of dangerous goods bearing a different proper shipping name, UN number or packing group must be included. **For a consignment consisting of multiple packages containing dangerous goods bearing the same proper shipping name and UN number, only the total quantity and an indication of the quantity of the largest and smallest package may be included.** For dangerous goods transported in salvage packagings, an estimate of the quantity of dangerous goods must be given. The number and kind (e.g. drum, box, etc.) of packagings must also be indicated. Abbreviations may be used to specify the unit of measurement for the total quantity.

3.3 Amend Part 7;4.1.1 (f) - Information to Pilot-In-Command:

"...For a consignment consisting of multiple packages containing dangerous goods bearing the same proper shipping name and UN number, only the total quantity and an indication of the quantity of the largest and smallest package ~~at each loading location~~ need to be provided."

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2. ISSUE

- Part 5;4.1.5.1 requires **the total quantity** for dangerous goods with the same shipping name and UN number
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