

## DANGEROUS GOODS PANEL

Dubai, 31 March to 4 April 2003

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

#### CONSOLIDATED AMENDMENTS ARISING FROM WG/02

(Presented by the Secretary)

##### SUMMARY

The draft amendments to the Instructions to reflect the decisions taken by the Working Group of the Whole at WG/02 are presented below.

#### LIMITATION OF DANGEROUS GOODS ON AIRCRAFT

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2.3.2 The following dangerous goods may be acceptable in mail for air carriage subject to the provisions of the National Postal Authorities concerned and these Instructions which relate to such material, except that the provisions concerning documentation (Part 5, Chapter 4) do not apply to the radioactive material described in b) below:

- a) infectious substances and solid carbon dioxide (dry ice) when used as a refrigerant for infectious substances; and
- b) radioactive material, the activity of which does not exceed one-tenth of that listed in Table ~~2-12~~ 11.

**Secretarial Note:** *See WG/02-WP/43*

#### Part 1 Chapter 4

## TRAINING

**Table 1-4. Content of training courses**

<i>Aspects of transport of dangerous goods by air with which they should be familiar, as a minimum</i>	<i>Category of personnel — see key below</i>								
	1	2	3	4	5	6	7	8	9
General philosophy	X	X	X	X	X	X	X	X	X
Limitations	X		X		X	X	X	X	X
General requirements for shippers	X		X			X			
Classification	X	X	X			X			
List of dangerous goods	X	X	X			X	X		
General packing requirements	X	X	X			X			
Packing instructions	X	X	X			X			
Labelling and marking	X	X	X	X	X	X	X	X	X
Dangerous goods transport document and other relevant documentation	X		X			X			X
Acceptance procedures			X						X
Storage and loading procedures			X	X			X		X
Pilots' notification			X	X			X		
Provisions for passengers and crew	X	X	X	X	X	X	X	X	X
Emergency procedures	X	X	X	X	X	X	X	X	X

### KEY

- 1 — Shippers and shippers' agents
- 2 — Packers
- 3 — Dangerous goods acceptance staff of operators and agencies acting on behalf of operators
- 4 — Staff of operators and agencies acting on behalf of operators engaged in the ground handling, storage and loading of cargo and baggage
- 5 — Passenger-handling staff and security staff who deal with the screening of passengers and their baggage; and security staff who deal with the screening of cargo
- 6 — Staff of agencies other than operators involved in processing cargo
- 7 — Flight crew members and load planners
- 8 — Crew members (other than flight crew members)
- 9 — Cargo acceptance staff (other than dangerous goods acceptance staff) of operators and agencies acting on behalf of operators, including cargo agents and forwarders acceptance staff.

*Note.*— Depending on the responsibilities of the person, the aspects of training to be covered may vary from those shown in the table. For example, it may be more appropriate for a packer to cover the aspects with which a shipper should be

~~familiar; if an operator carries only cargo, those aspects relating to passengers may be omitted from staff and flight crew~~

**Secretarial Note:-** See WG/02-WP/6, WP/24

**Part 3 Chapter 2**

**Table 3 - 1**

For UN 2990 and UN 3072, **Life saving appliances**, replace “See 905” in columns 9/10 and 11/12 with “No limit”.

**Secretarial Note:-** See WG/02-WP/47

For UN 0015, UN 0016 and UN 0303 **Ammunition, Smoke**, delete subsidiary risk in column 4, “Corrosive in column 5 (for UN 0303) and add special provision A XXX.

Editorial Note: – Similar amendments to be made to Table S-3-1

**Secretarial Note:-** See WG/02-WP/3

**Part 3 Chapter 3**

**SPECIAL PROVISIONS**

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A1 This commodity may be transported on passenger aircraft only with the prior approval of the appropriate authority of the State of Origin under the written conditions established by that authority. 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 document of approval, showing the quantity limitations and packing requirements, must accompany the consignment. The commodity may be carried on cargo aircraft in accordance with columns 11 and 12 of Table 3-1. **When States 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.**

**Secretarial Note:-** See WG/02-WP/23

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A78 Radioactive material with a subsidiary risk must:

- a) be labelled with subsidiary risk labels corresponding to each subsidiary risk exhibited by the material **in accordance with the relevant provisions of Part 5,3.2**; corresponding placards must be affixed to transport units in accordance with the relevant provisions of 5;3.5;
- b) be allocated to packing groups I, II or III, as and if appropriate , by application of the grouping criteria provided in Part 2 corresponding to the nature of the predominant subsidiary risk.

**Secretarial Note:-** *See WG/02-WP/25*

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**A XXX** Articles containing smoke - producing substance (s) corrosive according to the criteria for Class 8 must be labelled with a 'Corrosive' subsidiary risk label.

**Secretarial Note:-** *See WG/02 -WP/19*

## Part 5; Chapter 2

### PACKAGE MARKINGS

#### 2.4.9 Marking of overpacks

- a) Proper shipping names, UN numbers, "limited quantities" (when applicable), the air eligibility marking (when applicable) and special handling instructions appearing on interior packages must be clearly visible, or reproduced on the outside of the overpack.
- b) When these Instructions require the use of packagings bearing UN Specification Markings or Type A or B packagings for radioactive material, the statement "Inner packages comply with prescribed specifications" must appear on an overpack used to enclose these packages, unless such markings are visible.
- c) **Where packages containing diagnostic specimens are placed in an overpack, the words "Diagnostic Specimens" and the air eligibility marking, appearing on packages within, must be clearly visible, or must be reproduced on the outside of the overpack**

**Secretarial Note:-** *See WG/02 -WP/19*

## Part 5; Chapter 3

### LABELLING

Amend text in Figure 5-25 Radioactive material, Class 7, placard for large freight containers to read 5mm

**Secretarial Note:-** See WG/02 -WP/44

## **Part 6 Chapter 8**

Packing Instructions 650

Include the following text:

Where packages containing diagnostic specimens are placed in an overpack, the words “Diagnostic Specimens” and the air eligibility marking, appearing on packages within, must be clearly visible, or must be reproduced on the outside of the overpack.

**Secretarial Note:-** See WG/02-WP/19

## **Part 7 Chapter 2**

### **STORAGE AND LOADING**

#### **2.9.3 Stowage during transport and storage in transit**

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2.9.3.3 Loading of freight containers and accumulation of packages, overpacks and freight containers must be controlled as follows:

- a) Except under the condition of exclusive use, the total number of packages, overpacks and freight containers aboard a single aircraft must be so limited that the total sum of the transport indexes aboard the aircraft does not exceed the values shown in Table 7-3. For consignments of LSA-I material, there must be no limit on the sum of the transport indexes;
- b) Where a consignment is transported under exclusive use, there ~~must be~~ **is** no limit on the sum of the transport indexes aboard a single aircraft;
- c) The radiation level under routine conditions of transport must not exceed 2 mSv/h at any point on, and 0.1 mSv/h at 2 m from, the external surface of the aircraft;
- d) The total sum of the criticality safety indexes in a freight container and aboard an aircraft must not exceed the values shown in Table 7-4.

**Secretarial Note:-** See WG/02 -WP/10

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## Part 8 Chapter 1

### PROVISIONS FOR DANGEROUS GOODS CARRIED BY PASSENGERS OR CREW

#### 1.1 DANGEROUS GOODS CARRIED BY PASSENGERS OR CREW

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1.1.2 The provisions of these Instructions do not apply to the following when carried by passengers or crew members or in baggage, transported by the operator, that has been separated from its owner during transit (e.g. lost baggage or improperly routed baggage):

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- e) with the approval of the operator(s), as checked baggage only, securely ~~boxed~~ **packaged** cartridges, **(UN 0012 or UN0014 only)**, ~~for sporting purposes~~, in Division 1.4S, in quantities not exceeding 5 kg gross mass per person for that person's own use, excluding ammunition with explosive or incendiary projectiles. Allowances for more than one person must not be combined into one or more packages;

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**Secretarial Note:-** See *WG/02-WP/46*

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