International Civil Aviation Organization

WORKING PAPER

DGP-WG/05-WP/42
1/4/05

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

QUANTITY AND TYPE OF PACKAGING

(Presented by J. Abouchaar)

1. INTRODUCTION

1.1 At DGP WG/04 a paper (DGP-WG/04-WP/16) was presented proposing that the text of Part 5; 4.1.5.1 be amended to require that the shipper provide the net quantity of dangerous goods contained in every package. This proposal was put forward as the current wording in 5; 4.1.5.1 does not provide sufficient information for the operator to meet the requirements of 7; 4.1.1 f) with respect to information to the Pilot-in-Command.

1.2 While there was recognition at WG/04 that the current wording of 5; 4.1.5.1 was an issue that required resolution, there was no agreement with the text proposed.

1.3 The wording of 5; 4.1.5.1 still remains a problem however, and not just with respect to provision of information to the Pilot-in-Command pack since the current text severely limits the ability of the operator to conduct a proper acceptance check of the consignment.

1.4 For the operator to conduct an acceptance check of a consignment of dangerous goods, the net quantity per package must be available to verify that it does not exceed that shown in column 10 or 12 of Table 3-1. In addition as set out in WG/04-WP/16, having accepted the consignment the operator must then identify on the information to the Pilot-in-Command, the net quantity per package as required by 7;4.1.1 f).

2. **PROPOSAL 1**

2.1 Amend the text of Part 5; 4.1.5.1 as follows:

4.1.5.1 ~~Total q~~ *Quantity of dangerous goods and type of package* ~~dangerous goods~~

The number of packages of same type and content and the type of package (e.g. drum, box, etc.) must be indicated. UN packaging codes may only be used to supplement the description of the kind of package (e.g. one box (4G)), and:

a) ~~E~~except for empty uncleaned packagings, the ~~total~~ net quantity or gross mass, as appropriate, 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~~ shown. Abbreviations may be used to specify the unit of measurement for the quantity;

b) for chemical kits and first aid kits, the total net quantity of dangerous goods. The net mass of liquids within the kits is to be calculated on a 1 to 1 basis of their volume, i.e. 1 litre equal to 1 kilogram;

c) for dangerous goods in machinery or apparatus, the individual total quantities of dangerous goods in solid, liquid or gaseous state, contained in the article;

d) For dangerous goods transported in salvage packagings, an estimate of the quantity of dangerous goods must be given.

2.2 Delete paragraphs e) and f) of 5; 4.1.4.2.2. appearing after "Note 4".

3. **PROPOSAL 2**

3.1 If the Panel accepts the wording of Proposal 1, the Panel is asked to direct the Secretary to communicate the decision to the UNSCETDG and request that the Subcommittee consider the amendments adopted by the DGP either:

- as an amendment to 5.4.1.5.1 of the UN Model Regulations or,

- for the Subcommittee to add a note to 5.4.1.5.1 identifying that for the air mode, the dangerous goods transport document must show the number and type of packages and the net quantity of dangerous goods.

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