



WORKING PAPER

**DANGEROUS GOODS PANEL (DGP)
WORKING GROUP MEETING (DGP-WG/16)**

Montreal, 17 to 21 October 2016

Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284)* for incorporation in the 2019-2020 Edition

2.7: Part 7 — Operator's Responsibilities

SEPARATION VS. SEGREGATION

(Presented by B. Carrara)

SUMMARY

This working paper invites the DGP-WG to consider replacing the word “segregation” by “separation” when it is related to radioactive material or explosives.

Action by the DGP-WG: The DGP-WG is invited to amend the Technical Instructions as shown in the appendix to this working paper.

1. INTRODUCTION

1.1 Part 7;2.9.3.3 b) of the Technical Instructions requires the application of minimum segregation distances established in 7;2.9.6. However, the Part 7;2.9.6 heading is related to separation between radioactive material and persons, undeveloped photographic films and live animals.

1.2 In the same way, Part 7;2.2.2.5 refers to the segregation scheme shown in Table 7-2 while the Table 7-2 heading is related to separation of explosives.

1.3 The word “segregation”, including its variations, appears in the text of the Technical Instructions fourteen times. However, it is not related to Table 7-1 (Segregation between packages) or the dangerous goods segregation requirements of Part 7;2.2.1 in the two cases presented above.

1.4 Therefore, this paper considers that the application of the word “segregation” in these two situations are mistakes.

2. **ACTION BY THE DGP-WG**

2.1 The DGP-WG is invited to amend the Technical Instructions as shown in the appendix to this working paper.

APPENDIX

PROPOSED AMENDMENT TO PART 7 OF THE TECHNICAL INSTRUCTIONS

Part 7

OPERATOR'S RESPONSIBILITIES

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Chapter 2

STORAGE AND LOADING

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2.2 INCOMPATIBLE DANGEROUS GOODS

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2.2.2 Separation of explosive substances and articles

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2.2.2.4 Except as provided for in 2.2.2.5, explosives of different compatibility groups may be stowed together whether or not they belong to the same division.

2.2.2.5 For explosives of different division numbers and compatibility groups, the ~~segregation~~separation scheme shown in Table 7-2 must be followed in order to maintain acceptable distances between such packages.

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2.9 SPECIAL PROVISIONS APPLICABLE TO THE CARRIAGE OF RADIOACTIVE MATERIAL

2.9.1 Limitation of exposure of persons to radiation

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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:

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- b) Where a consignment is transported under exclusive use, there is no limit on the sum of the transport indexes aboard a single aircraft, but the requirement on minimum ~~segregation~~separation distances established in 2.9.6 applies;

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— END —