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Inland Transport Committee

Working Party on the Transport of Dangerous Goods**Joint Meeting of the RID Committee of Experts and the
Working Party on the Transport of Dangerous Goods**

Geneva, 17-27 September 2013

Item 5 (b) of the provisional agenda

**Proposals for amendments to RID/ADR/ADN:
new proposals****Deletion of SP 593 for UN 2187 carbon dioxide, refrigerated
liquid****Transmitted by the Government of Sweden^{1,2}***Summary*

Executive summary: There seems to be an inconsistency in the provisions applicable to UN 2187 carbon dioxide, refrigerated liquid. SP 593 is assigned to this UN number, stating that when used for cooling or conditioning and fulfilling certain provisions in P203, only the provisions of section 5.5.3 apply. However, P203 does not allow UN 2187 to be transported under such conditions.

Action to be taken: Sweden proposes to delete SP 593 in Table A for the entry of UN 2187 carbon dioxide, refrigerated liquid.

¹ In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106, ECE/TRANS/2010/8, programme activity 02.7 (c)).

² Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2013/32.

Introduction

1. The Swedish delegation has noted an inconsistency in the rules applicable to UN 2187 carbon dioxide, refrigerated liquid. In Chapter 3.2 in Table A, special provision SP 593 is assigned to UN 2187, stating that when used for cooling or conditioning and fulfilling certain provisions in packing instructions P203, only the provisions of section 5.5.3 applies. On the other hand, P203 does not allow UN 2187 to be transported in open receptacles.

“SP593 This gas intended for cooling of e.g. medical or biological specimens if contained in double wall receptacles which comply with the provisions of packing instructions P203, paragraph (6) for open cryogenic receptacles of 4.1.4.1 is not subject to the requirements of ADR except as specified in 5.5.3.”

2. According to industrial gas manufacturers, UN 2187 carbon dioxide, refrigerated liquid cannot be transported in open cryogenic receptacles, since the liquefied gas immediately would be transformed into solid form when not contained under pressure.

Proposal

3. Sweden proposes to delete SP 593 in Table A for the entry of UN 2187 carbon dioxide, refrigerated liquid.
