



Economic Commission for Europe**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 2019

Item 5 (b) of the provisional agenda

**Proposals for amendments to RID/ADR/ADN:
new proposals****Harmonization of Special provision 593 with 5.5.3****Transmitted by the Government of Spain^{*,**}***Summary*

Executive summary:	SP 593 is not in agreement with 5.5.3 and should be modified to be compatible
Action to be taken:	Amend SP 593.

Introduction

1. SP 593 applies to UN 1913 NEON, REFRIGERATED LIQUID, UN1951 ARGON, REFRIGERATED LIQUID, UN 1963 HELIUM, REFRIGERATED LIQUID, UN 1970 KRYPTON, REFRIGERATED LIQUID, UN 1977 NITROGEN, REFRIGERATED LIQUID, UN 3136 TRIFLUOROMETHANE, REFRIGERATED LIQUID and UN 3158 GAS, REFRIGERATED LIQUID, N.O.S.
2. The present text for SP 593 indicates that: “This gas, intended for the cooling of e.g. medical or biological specimens, if contained in double wall receptacles which comply with the provisions of packing instruction 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.”
3. Meanwhile, 5.5.3.2.1 says: “Vehicles and containers containing substances used for cooling or conditioning purposes (other than fumigation) during carriage are not subject to

* In accordance with the programme of work of the Inland Transport Committee for 2018-2019, (ECE/TRANS/2018/21/Add.1, Cluster 9, (9.2)).

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any provisions of ADR other than those of this section.” In 5.5.3 no specific requirements for double wall receptacles are included.

Analysis

4. SP 593 does not seem to be fully compatible with 5.5.3, as it gives additional requirements than those included in 5.5.3.
5. SP 593 seems to have not been modified to accommodate to the amendments made to 5.5.3, and it seems to be necessary to update that text.
6. The UN numbers to which SP 593 apply are not all explicitly named in 5.5.3. Nevertheless, 5.5.3 does not include a complete list, but only lists examples. And the purpose to which SP 593 should be applied fully falls into the scope of application of 5.5.3.
7. Therefore, SP 593 should be modified to include only a direct reference to 5.5.3. Additionally, Spain suggests to modify the initial wording of SP 593 to align the text with the wording used in 5.5.3.

Proposal

8. Spain would suggest to modify SP 593 by deleting part of the existing text (new text underlined, deleted text shown as ~~stricken through~~):

“This gas, when used for intended for the cooling or conditioning purposes of e.g. medical or biological specimens, ~~if contained in double wall receptacles which comply with the provisions of packing instruction 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.”
