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**CORRECTIONS CONCERNING CONDITIONS OF CARRIAGE
IN TANKS OF ACETYLENE (UN No. 1001), DINITROGEN
TETROXIDE (UN No. 1067) AND PHOSGENE (UN No. 1076)**

Transmitted by the Government of Switzerland*

The secretariat has received from the Central Office for International Carriage by Rail (OCTI) the proposal reproduced below.

Introduction

At the last Joint Meeting (Bern, 24 to 28 March 2003), the Government of Switzerland had submitted a proposal (INF.6) to ban the carriage of phosgene (UN No. 1076) in tanks. This proposal was discussed by the Working Group on Tanks and deemed suitable for adoption. Questions were also raised, however, with reference to acetylene, dissolved (UN No. 1001), and dinitrogen tetroxide (UN No. 1067). This proposal was prepared as a result and adapted to the requirements of the 2003 Regulations.

* Circulated by the Central Office for International Carriage by Rail (OCTI) under the symbol OCTI/RID/GT-III/2003/52.

Explanations

The table in paragraph 4.3.3.2.5 contains the following entry for phosgene (UN No. 1076), acetylene (UN No. 1001) and dinitrogen tetroxide (UN No. 1067):

“only in battery-wagons/vehicles and MEGCs composed of receptacles.”

Table A of Chapter 3.2 contains the following particulars:

	Column (12) Tank code	Column (13) Special provisions
UN No. 1001 Acetylene	PxBN	TU17
UN No. 1067 Dinitrogen tetroxide	PxBH	TU17, TE1, (RID only:) TM6
UN No. 1076 Phosgene	P22DH	TU17, TE1, (RID only:) TM6

The indication of a tank code is in this case based on particulars in accordance with paragraph 4.3.3.1.1 concerning carriage in battery-wagons/vehicles and MEGCs and does not presuppose that carriage in tanks is permitted.

Special provision TU17 is worded as follows:

“Only to be carried in battery-vehicles or MEGCs the elements of which are composed of receptacles.”

Provision TM6 (RID only) is worded as follows:

“The orange strip in accordance with section 5.3.5 shall be affixed to tank-wagons.”

The carriage of phosgene, acetylene and dinitrogen tetroxide in battery-wagons/ battery-vehicles and MEGCs, the elements of which are composed of tanks, is clearly prohibited. RID special provision TM6 is therefore unnecessary.

In accordance with Chapter 4.1, packing instruction P200, table 2, tubes (volume >150l) are not permitted for the carriage of phosgene (UN No. 1076), acetylene (UN No. 1001) and dinitrogen tetroxide (UN No. 1067). The following requirement applies for phosgene and dinitrogen tetroxide in accordance with special provision “k” of this table: “Cylinders and individual cylinders in a bundle shall be limited to a maximum water capacity of 85 litres.”

Proposed amendment

Chapter 3.2, Table A: UN 1001, UN 1067 and UN 1076

Add “(M)” to Column (12) after the tank code, since the carriage of phosgene, acetylene and dinitrogen tetroxide is permitted in battery-wagons/battery-vehicles or MEGCs.

(RID only:) Chapter 3.2, Table A: UN 1076 and UN 1067

In Column (13), delete special provision “TM6”, since this provision is not applicable.

Paragraph 4.3.3.1.1, Note 1

Add at the end of the sentence:

“the elements of which are composed of receptacles.”

Justification

These corrections provide a concordance between section 4.3.5 (special provision TU17), paragraph 4.3.3.1.1 and paragraph 4.3.3.2.5.

No provision is made for the carriage of phosgene (UN No. 1076) in tanks in the United Nations Model Regulations.
