

## **Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals**

4 June 2019

### **Sub-Committee of Experts on the Transport of Dangerous Goods**

#### **Fifty-fifth session**

Geneva, 1-5 July 2019

Item 8 of the provisional agenda

#### **Cooperation with the International Atomic Energy Agency**

### **Alignment with changes to SSR-6 (2018)**

#### **Transmitted by the International Air Transport Association (IATA)**

#### **Introduction**

1. At the fifty-third session of the Sub-Committee in July 2018, the Secretary of the IAEA Transport Safety Standards Committee (TRANSSC) submitted a proposal for changes to the Model Regulations to reflect the changes adopted by the IAEA into the 2018 edition of IAEA Regulations for the Safe Transport of Radioactive Material (SSR-6, Rev.1). Document ST/SG/AC.10/C.3/2018/54 refers.
2. While there was some discussion around the proposed changes related to emergency preparedness, which were addressed at the fifty-fourth session, the other changes proposed were adopted.
3. However, as part of the work of the ICAO Dangerous Goods Panel in reviewing changes adopted by the Subcommittee for the twenty-first edition for incorporation into the 2021-2022 edition of the Technical Instructions, it has been identified that there are some discrepancies between the changes submitted by the IAEA for the Model Regulations and those made to SSR-6 (Rev.1).
4. Specifically, these discrepancies relate to the change to delete references to “radiation level” and replace that term with “dose rate”. Document ST/SG/AC.10/C.3/2018/54 identified that “in the whole text of the UN Model Regulations the old words have been replaced by the new words (editorial changes), but are only shown in this text, if the IAEA paragraphs have other changes in addition to these editorial ones.”
5. Because of this it means that there is now misalignment between the terms used and the provisions in SSR-6 (Rev.1) and the Model Regulations. It is believed that to avoid any confusion or misunderstanding, there must be harmonisation across the two documents and the term “radiation level” replaced consistently by “dose rate to align to SSR-6 (Rev. 1). This is particularly important as “radiation level” was a defined term in 1.2.1 of the Model Regulations. This definition was deleted from 1.2.1 and replaced by a definition of “dose rate”.

## Proposal

6. The Sub-Committee is invited to seek confirmation from the IAEA that the changes identified below should also be adopted into the Model Regulations. If this is confirmed by the IAEA, the Subcommittee is requested to advise the applicable modal bodies so that they can incorporate these changes into the forthcoming revisions to the international modal regulations.

Table 2.7.2.2.1, footnote (c), replace “radiation level” with “dose rate” [IAEA Table 2, footnote (c)]

2.7.2.4.1.2 replace “radiation level” with “dose rate” [IAEA 516]

2.7.2.4.1.3 (a) replace “radiation level” with “dose rate” [IAEA 423 (a)]

4.1.9.1.11 replace “radiation level” with “dose rate” [IAEA 527]

4.1.9.1.12 replace “radiation level” with “dose rate” [IAEA 528]

4.1.9.2.1 replace “radiation level” with “dose rate” [IAEA 517]

5.1.5.3.4 (a) replace “radiation level” with “dose rate” twice and (c) replace “radiation level” with “dose rate” [IAEA 529]

Table 5.1.5.3.4 In second column header replace “radiation level” with “dose rate” [IAEA Table 8]

6.4.2.11 replace “radiation level” with “dose rate” [IAEA 617]

6.4.5.2 (b) replace “radiation level” with “dose rate” [IAEA 624 (b)]

6.4.5.4.1 (c) (ii) replace “radiation level” with “dose rate” [IAEA 626 (c) (ii)]

6.4.5.4.2 (c) replace “radiation level” with “dose rate” [IAEA 627 (c)]

6.4.5.4.3 (c) replace “radiation level” with “dose rate” [IAEA 628 (c)]

6.4.5.4.4 (c) (ii) replace “radiation level” with “dose rate” [IAEA 629 (c) (ii)]

6.4.5.4.1 (b) (ii) replace “radiation level” with “dose rate” [IAEA 630 (b) (ii)]

6.4.7.14 (b) replace “radiation level” with “dose rate” [IAEA 648 (b)]

6.4.10.3 (b) (i) replace “radiation level” with “dose rate” [IAEA 671 (b) (i)]

6.4.23.10 (c) and (f) replace “radiation level” with “dose rate” [IAEA 817 (c) and (f)]

7.1.8.5.1 replace “radiation level” with “dose rate” [IAEA 510]

7.1.8.5.4 replace “radiation level” with “dose rate” [IAEA 513]

7.1.8.5.4 (a) replace “radiation level” with “dose rate” [IAEA 513 (a)]

7.2.3.1.2 replace “radiation level” with “dose rate” [IAEA

7.2.3.2.1 replace “radiation level” with “dose rate” [IAEA 575]

7.2.3.3.3 replace “radiation level” with “dose rate” [IAEA 579]