

## COMMITTEE OF EXPERTS ON THE TRANSPORT OF DANGEROUS GOODS AND ON THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS

Sub-Committee of Experts on the Transport of Dangerous Goods

Twenty-eighth session

Geneva, 28 November – 7 December 2005

Item 7 of the provisional agenda

### HARMONIZATION WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA) REGULATIONS FOR THE SAFE TRANSPORT OF RADIOACTIVE MATERIAL

#### IAEA Activities

#### Transmitted by the International Atomic Energy Agency (IAEA)

#### **1. TRANSSC 11<sup>th</sup> Meeting**

The Eleventh Meeting of the Transport Safety Standards Committee (TRANSSC) was held 5-9 September 2005. 34 Member States and 8 International Organizations attended the 11th meeting.

- Denial of Shipments

The IAEA's Secretariat briefed TRANSSC about the developments in addressing the issue of Denial of shipments. He brought the attention of the TRANSSC to the circulars issued by IMO and IFALPA urging that shipment made in conformity with the IMDG Code and ICAO Technical Instructions, respectively, be not denied on grounds of radiological safety. The IAEA will convene an Advisory Group to assist the IAEA in determining effect actions. A limited number of concerned organizations and countries, which have been taking lead in this matter, will be invited to participate.

- Seminar on Complex Technical Issues relating to Safety of Transport

The seminar will review the latest information on complex technical issues related to the safety of transport of radioactive material in the context of the current environment in which such transports take place and to present this information to policy makers. These discussions are intended to: a) Lead to a better understanding of the transport of radioactive material; and b) Provide information on new developments in concepts, knowledge, and technologies that potentially lead to changes in transport systems.

The seminar is scheduled for 12 and 13 January 2006.

#### **2. Translation of TS-R-1 in official languages**

The IAEA has now translated 2005 Edition of TS-R-1 into its official languages, Arabic, Chinese, French, Russian and Spanish. Subsequent to the publication the Spanish-speaking countries expressed concern about the translation. The IAEA will work with publication to make appropriate changes.

#### **3. Issues resulting from coordination with UN Organizations on TS-R-1**

A report on the participation in the 27th Session of the UN Sub Committee of Experts on Transport of Dangerous Goods, held in Geneva from 4 to 8 July 2005 was presented. Results on items related to Class 7 were described and discussed by plenary. Regarding the harmonization of UN Recommendation with IAEA Transport Regulations, TRANSSC agreed that IAEA must coordinate with UN and hold a consultants meeting in October 2005 to discuss and review the proposal submitted by UK.

Contributions from UK were helped to establish a course of action, outline the terms of reference and a provisional agenda for the meeting. Coordination with UN, as recommended by TRANSSC, led to several clarifications on the way to hold this CSM. Nevertheless, it wasn't feasible to hold this CSM in October as planned.

According to suggestions received from UN Secretariat the CSM should be convened in time to submit the outcomes for the next Session of Sub-Committee (which deadline is 7 April 2006). IAEA than proposes to hold it in February 2006.

- Orientation Labels

The UN Sub Committee of Experts on Transport of Dangerous Goods agreed with the proposal, submitted by the Dangerous Goods Advisory Council, to exclude Type A, Type IP-2, Type IP-3 and Types B(U) and B(M) or C packages from the requirements regarding application of orientation labels as established in para. 5.2.1.7.2 of the UN Orange Book.

TRANSSC recognizes the need for the application of orientation labels for other dangerous goods but feel that there is no clear benefit from the application of these labels to Class 7 packages.

TRANSSC - taking into account the small number of UN equivalent packagings are likely to be of safety concern with regards of orientation - concluded that there will be no benefit of applying orientation labels to the vast majority of Class 7 packages. TRANSSC decided not to recommend the use of orientation labels.

#### 4. Items from the 27th Session of the Sub Committee

- Change in para. 310 of 2005 Edition of the IAEA Transport Regulations

*For the 2002-2003 Review-Revision Cycle, United Kingdom proposed changes to paras. 402 and 824, under the following justification:*

- UK/02/15 - para. 402

The language used in this para. was considered confusing. Duplication of the words "chemical form", inclusion of the over complicated description of approval for national shipments and multilateral approval for international shipments.

It was then proposed a simplification of wording to remove "excess baggage", since approval by a competent authority for national shipments and multilateral approval for international shipments in fact equates to multilateral approval.

- UK/02/45 – para. 824

As phrased, only special arrangements that travel internationally require approval – this is not the case – all special arrangements require approval. It was proposed to delete the word "internationally".

*These two proposals have been accepted by the Transport Safety Standards Committee, endorsed by the Commission on Safety Standards and approved by the Board of Governors in November 2004. Changes in the mentioned paras led to a consequential change and, in order to keep consistency within Regulations, the word "internationally" was removed from para. 310.*

#### 5. New A1 and A2 Values for Kr-79

*UK/04/06 Paragraph 401. According to this proposal the  $A_1/A_2$  values (given in Table I of TS-R-1) for Kr-79 are:*

*$A_1$  4 TBq*

*$A_2$  2 TBq*

*Activity concentration 10e3Bq/g*

*Activity Limit 10e5Bq*