

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

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Item 8 of the provisional agenda

Cooperation with the International Atomic Energy Agency (IAEA)

Categorization of the 16th Edition UN Orange Book provisions according to their scope and their provenance

Transmitted by International Atomic Energy Agency (IAEA)

1. The International Atomic Energy Agency (IAEA) is entrusted by the UN Economic and Social Council (ECOSOC) with drafting of recommendations on the transport of radioactive material, on the understanding that the recommendations would be consistent with the principles adopted by the ECOSOC Sub-Committee of Experts on the Transport of Dangerous Goods (SCETDG) and would be formulated in consultation with the United Nations and the relevant specialized agencies.

2. This has led to continuing co-operation between the SCEDTG, the IAEA, the relevant specialized agencies [e.g. the International Maritime Organization (IMO) and the International Civil Aviation Organization (ICAO)] and various other United Nations bodies. The IAEA and the SCEDTG have agreed that the provisions of the IAEA Regulations for the Safe Transport of Radioactive Material should be integrated in the Model Regulations annexed to the UN Recommendations on the Transport of Dangerous Goods. Consequently, the IAEA Regulations are both a stand-alone document and part of the UN Model Regulations (commonly referred to as the UN Orange book, or UNOB).

3. The provisions (requirements) included in the 16th Edition of the UNOB are split in 4 categories according to their scope and their provenance:

Category A: Requirement for class 7 based on IAEA text without modification; These requirements are elaborated by IAEA, as such in extenso incorporated in the related part of UNOB without change (except numbering);

Category B: Requirement for classes other than class 7; these requirements are elaborated by SCETDG and IAEA is not involved;

Category C: Requirement for class 7 based on IAEA text modified or created to fit the UNOB format; Ex: Special provisions (SP290), Instruction T5 for UN2913 in Table of Chapter 3.2. These requirements are elaborated by ECOSOC-SCETDG. There is no formal process for confirming the accuracy of the modification with IAEA. IAEA has an interest in the modification.

Category D: Requirement applicable to all classes (including class 7); ex: definitions (tank, package ...), provisions on labelling or marking, use of salvage packagings (4.1.1.17). These requirements are elaborated by ECOSOC-SCETDG. They may directly affect the carriage of radioactive material, but are not verified by IAEA, nor are they incorporated in TS-R-1.

4. A preliminary table providing the results of the analysis performed by IAEA Secretariat by assigning categories to all provisions of the UN Orange Book (UNOB) 16th Edition has been developed.