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

Working Groups

Terms of Reference
A. Background

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.

This has led to continuing co-operation between the SCETDG, 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 SCETDG 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).

The provisions (requirements) included in the 16th Edition of the UNOB may be 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 incorporated in the related part of the Orange Book 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 Orange Book format;** These requirements are elaborated by SCETDG. There is no formal process for involving IAEA in the modification of the text. IAEA has an interest in the modification.

- **Category D: Requirement applicable to all classes (including class 7);** These requirements are elaborated by SCETDG. They may directly affect the carriage of radioactive material, but (in most cases) are not currently reviewed by IAEA, nor are they incorporated in TS-R-1.

A consultant service meeting (CS-143 in November 2010) dealt with all comments to sort them out as a first attempt to produce a first draft 2.0 of the IAEA Regulations for the Safe Transport of Radioactive Material (TS-R-1, 20XX edition). Some of these comments on TS-R-1 are advisory material according to the CS-143 report. Furthermore, TRANSSC 21 reviewed the main issues identified by CS-143 and identified also need for guidance for some other requirements.
The working groups are:

- **WG1**: Chapter 1 (GENERAL PROVISIONS, DEFINITIONS, SECURITY and TRAINING);
  Chapter 2 (CLASSIFICATION);
  Chapter 3 (DANGEROUS GOODS LIST, SPECIAL PROVISIONS AND EXCEPTIONS);

- **WG2**: Chapter 4 (PACKING AND TANK PROVISIONS) and
  Chapter 6 (REQUIREMENTS FOR THE CONSTRUCTION AND TESTING OF PACKAGINGS, INTERMEDIATE BULK CONTAINERS (IBCs), LARGE PACKAGINGS, PORTABLE TANKS, MULTIPLE-ELEMENT GAS CONTAINERS (MEGCs) AND BULK CONTAINERS).

- **WG3**: Chapter 5 (CONSIGNMENT PROCEDURES);
  Chapter 7 (PROVISIONS CONCERNING TRANSPORT OPERATIONS).

**B. Work to be done**

Working group 1-3 members are invited:

1) To provide recommendations on the categorization;

2) To identify potential difficulties emerging from the related categorization, and a way to solve these difficulties.

**C. Product of the Working Groups**

Working groups 1-3 will produce:

A working group report incorporating

- Recommendations on the Categorization of 16th ed. UNOB into clear English;

- A summary of the deliberations.