



**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****Forty-fifth session**

Geneva, 23 June – 2 July 2014

Item 2 (e) of the provisional agenda

Explosives and related matters: miscellaneous**New entry for “Rocket motors” 1.4C****Transmitted by the expert from Canada¹****Introduction**

1. Three entries exist for rocket motor articles consisting of solid propelling charges in the Dangerous Goods List of Chapter 3.2 of the Model Regulations:

- (a) UN0186, ROCKET MOTORS, 1.3C
- (b) UN0280, ROCKET MOTORS, 1.1C
- (c) UN0281, ROCKET MOTORS, 1.2C

2. Packaged products of low-power rocket motors typically meet test criteria for assignment to Division 1.4, Compatibility Group C, but are assigned to 1.3C, i.e. UN0186, or the 1.4C N.O.S. classification, i.e. UN0351. This statement is verifiable through extensive test reports made by competent authority laboratories from previous classification activities.

3. Having a 1.4C rocket motor classification would bring three benefits. First it would accurately reflect the product type and hazard of these articles. Secondly, comprehensive packing instructions could be assigned to this classification, as opposed to the Competent Authority Approval (CAA) required for packaging explosives with an N.O.S. classification. And finally, this would reduce the administrative burden on both the competent authority and the shipper of the dangerous goods if a CAA is not required.

¹ In accordance with the programme of work of the Sub-Committee for 2013-2014 approved by the Committee at its sixth session (refer to ST/SG/AC.10/C.3/84, para. 86 and ST/SG/AC.10/40, para. 4).

Proposal

4. Create an entry in the dangerous goods list entitled UN0XXX, ROCKET MOTORS, 1.4C. Use Packing Instructions P130 and LP101 and Special Packing Provisions PP67 and L1, the same as for the existing entries of ROCKET MOTORS.
