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## Economic Commission for Europe

### Inland Transport Committee

#### Working Party on the Transport of Perishable Foodstuffs

##### Seventieth session

Geneva, 7-10 October 2014

Item 5 (a) of the provisional agenda

##### Proposals of amendments to the ATP

##### Pending proposals

### Marking of multi-temperature equipment

#### Transmitted by the Government of the France

#### Background

1. The ATP<sup>1</sup> was amended in 2013 to include multi-compartment, multi-temperature equipment. The Agreement explains the test and dimensioning procedures for multi-temperature equipment. It also provides a model for test reports and ATP certificates for such equipment, but makes no provision for the marking of the equipment.
2. Clear procedures are needed for marking the equipment to make it easily identifiable from outside.
3. The marking must allow the control authorities to check easily that the equipment is appropriate for the goods transported. In particular, it must show clearly the number of compartments in the equipment and their respective classes to ascertain whether the goods may be transported in the compartment concerned.

#### Proposal

4. This proposal introduces:
  - Marking for multi-compartment, multi-temperature equipment;
  - Procedures for identifying compartments on the basis of their position in the equipment.

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<sup>1</sup> Agreement on the International Carriage of Perishable Foodstuffs and on the Special Equipment to be Used for such Carriage.

### Marking procedure

5. It is proposed that each compartment should be marked in line with the rules for marking mono-temperature equipment.
6. For equipment with three compartments, for example, the marking would be FRC-FRC-FRC if the performance of the three compartments is identical. If the performance is not identical, the compartments will have different markings, for example FRC-FRA, or RRC-IR.

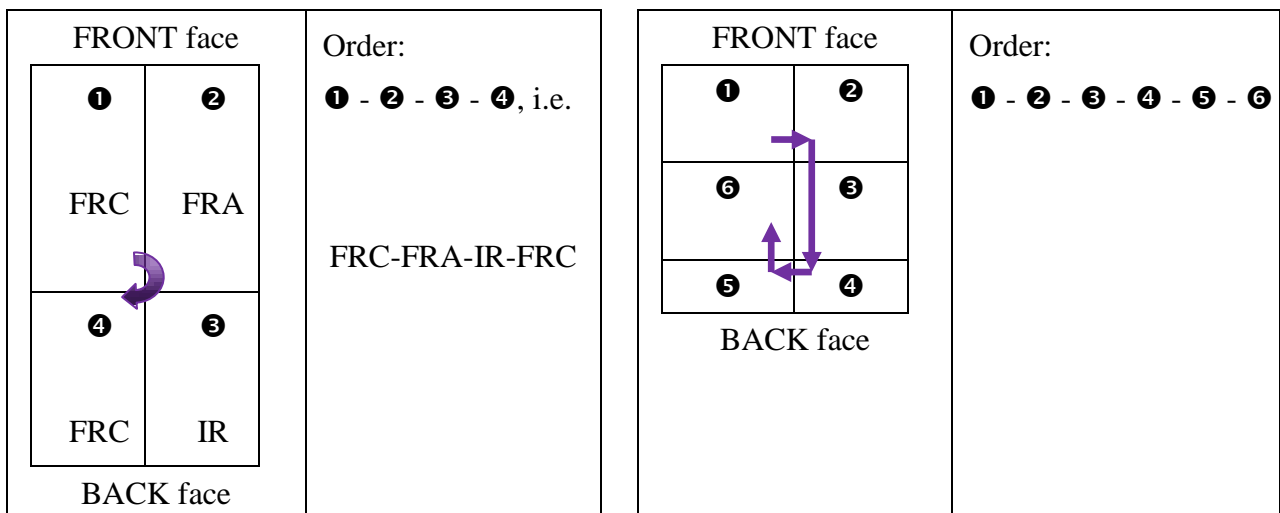


Example of marking

### Identification procedure

7. The compartments must be identified unambiguously. It is proposed that the compartments be identified and the classification marks on the distinguishing marks should be ordered as follows:

- First the front left compartment or compartments;
- Then the other compartments rotating clockwise.



## Impact

8. The proposal provides a simple marking scheme for the control authority and customers who may wish to check the performance of equipment that is loading or delivering their goods.
9. The cost of marking is the same as at present. All the markings can be printed in A4 format.
10. Since 2009, France has issued or renewed more than 30,000 certificates for multi-compartment equipment following this principle, to the satisfaction of all the users: bodybuilders, users, the administration and the control authorities. The markings correspond to over 100 possible combinations of lettering, all printed in A4 format.
11. The proposal does not require any change to the current marking provisions. The A4 format for markings may be retained, without any increase in the environmental impact.

## Proposed amendment to ATP

12. It is proposed to add the following text in bold to the text of annex 1, appendix 4:

**“DISTINGUISHING MARKS TO BE AFFIXED TO SPECIAL EQUIPMENT**

The distinguishing marks prescribed in appendix 1, paragraph 4 to this annex shall consist of capital Latin letters in dark blue on a white ground. The height of the letters shall be at least 100 mm for the classification marks and at least 50 mm for the expiry dates. For special equipment, such as a laden vehicle with maximum mass not exceeding 3.5 t, the height of the classification marks could likewise be 50 mm and at least 25 mm for the expiry dates.

The classification and expiry marks shall at least be affixed externally on both sides in the upper corners near the front.

**In the case of multi-compartment, multi-temperature equipment, each compartment is classified as a mono-temperature unit. The classification marks that appear on the distinguishing marks are ordered starting with the front left compartment or compartments and rotating clockwise.**

The marks **on each compartment** shall be as follows:

[...]

If the equipment is fitted with a removable or non-independent thermal appliance and if special conditions exist for the use of the thermal appliance, the distinguishing mark or marks shall be supplemented by the letter X in the following cases:

1. **FOR REFRIGERATED EQUIPMENT or a refrigerated compartment:**

Where the eutectic plates have to be placed in another chamber for freezing;

2. **FOR MECHANICALLY REFRIGERATED EQUIPMENT or a mechanically refrigerated compartment:**

- 2.1 Where the compressor is powered by the vehicle engine;

- 2.2 Where the refrigeration unit itself or a part is removable, which would prevent its functioning.

The date (month, year) entered under section A, item 8 in appendix 3 of this annex as the date of expiry of the certificate issued in respect of the equipment shall be quoted under the distinguishing mark or marks aforesaid.”

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