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Inland Transport Committee

Working Party on the Transport of Perishable Foodstuffs (WP.11)

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Item 7 (b) of the provisional agenda

**PROPOSED AMENDMENTS TO THE AGREEMENT ON THE INTERNATIONAL
CARRIAGE OF PERISHABLE FOODSTUFFS AND ON THE SPECIAL EQUIPMENT TO
BE USED FOR SUCH CARRIAGE (ATP)**

Annex 1, Appendix 2, Paragraph 49 (b)

Transmitted by the Government of Germany

Note: The text reproduced below was prepared by the expert from Germany to describe the requirements more clearly. The result is nearly the same if the test is done with one equipment and at different ambient temperatures. Also the classification remains the same. The modifications to the current text of the ATP-Agreement are marked in **bold** characters:

A. PROPOSAL

Verifying the efficiency of thermal appliances of equipment in service

49. To verify as prescribed in appendix 1, paragraphs 1(b) and 1(c), to this annex the efficiency of the thermal appliance of each item of refrigerated, mechanically refrigerated or heated equipment in service, the competent authorities may:

Apply the methods described in paragraphs 32 to 47 of this appendix; or

Appoint experts to apply the following provisions:

- (a) Refrigerated equipment other than equipment with fixed eutectic accumulators

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- (b) Mechanically refrigerated equipment

(i) Independent

It shall be verified that, when the outside temperature is not lower than +15 °C, the inside temperature of the empty equipment, which has been previously brought to the outside temperature, can be brought within a maximum period as described in the following table in the case of equipment in classes A, B, C, D, E or F, to the minimum temperature, as prescribed in this table:

Mean outside temperature	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	°C
Class A, D	180	172	164	156	148	140	132	124	116	108	100	92	84	76	68	60	min
Class B, E	270	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120	min
Class C, F	360	348	336	324	312	300	288	276	264	252	240	228	216	204	192	180	min

If the results are favourable, the equipment may be kept in service as mechanically refrigerated equipment of its initial class for a further period of not more than three years.^{*)}

^{*)} *This amendment will be valid for all vehicles at latest after three years when this amendment enters into force.*

(ii) Dependent

It shall be verified that, when the outside temperature is not lower than +15 °C, the inside temperature of the empty equipment, which has been previously brought to the outside temperature, can be brought within a maximum period of 6 hours:

In the case of equipment in classes A, B or C, to the minimum temperature, as prescribed in this annex;

In the case of equipment in classes D, E or F, to the limit temperature, as prescribed in this annex.

If the results are favourable, the equipment may be kept in service as mechanically refrigerated equipment of its initial class for a further period of not more than three years.

(c) Heated equipment

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(d) Provisions common to refrigerated, mechanically refrigerated and heated equipment

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(e) Test reports

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B. JUSTIFICATION

This proposed amendment was an official paper for the 62th session of the WP11. It was decided (see document TRANS/WP11/210) that all participants shall send their comments to the representatives of Germany, so that a final decision could be taken at the next session.

The representatives of Germany organized an informal group. So the proposed amendment includes the result of this informal group.

Technical background:

The cooling capacity of the transport refrigeration unit of the new insulated bodies depends on the ambient temperature of 30 °C.

The existing text of the ATP agreement, annex 1, appendix 2, paragraph 49 (b) describes only that the ambient temperature during the test shall be not lower than 15 °C and that the necessary inside temperature of the class must be reached within a maximum period of 6 hours. This description is unprecise and too broad.
