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Working Party on Brakes and Running Gear (GRRF)
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AMENDMENT PROPOSAL TO SUPPLEMENT 3 TO THE 01 SERIES OF
AMENDMENTS TO REGULATION No. 79
(document TRANS/WP.29/1024)

Transmitted by the experts from the Russian Federation

Note: This document is distributed according to the request of GRRF
(TRANS/WP.29/GRRF/56, para. 28).

Note: This document is distributed to the Experts on Brakes and Running Gear only.

Insert a new paragraph 3.2.1., to read:

"3.2.1. Certification of the compliance of the steering equipment with Regulations Nos. 12 and 94."

Paragraphs 3.2.1. to 3.2.3., renumber as paragraphs 3.2.2. to 3.2.4.

Paragraph 5.1.1., amend to read:

"5.1.1. The steering system shall ensure easy and safe handling of a vehicle up to its maximum design speed or in case of a trailer up to its technically permitted maximum speed in accordance with paragraph 6.1.5.

If the vehicle is fitted with an auxiliary steering system, it shall also meet the requirements of Annex 4. Trailers equipped with hydraulic steering transmissions shall also comply with Annex 5."

Insert a new paragraph 5.1.2., to read:

"5.1.2. When travelling along a circle of constant radius with no steering effort applied, a vehicle shall aspire to increase its turning radius or, at least, not to reduce it. That is checked in accordance with paragraphs 6.2.1. and 6.2.2."

Paragraphs 5.1.2. to 5.1.10., renumber as paragraphs 5.1.3. to 5.1.11.

Paragraph 5.1.5.(new), add at the end:

"The durability of the steering equipment shall be confirmed by the reports of the tests carried out using a technique of a vehicle manufacturer."

Insert new paragraphs 6.1.5. and 6.1.6., to read:

"6.1.5. The simplicity and reliability of the steering system of a vehicle (paragraph 5.1.1.), when the vehicle is being driven at its maximum design speed, is estimated subjectively by a test driver of the Technical Service, on a public road or on a special track simulating such a road, on a distance of not less than 50 km.

6.1.6. The absence of unusual steering correction (according to paragraph 5.1.2.) is estimated subjectively by a test driver of the Technical Service, on a straight section of road on a distance of not less than 50 km, with the speed from 30 km/h up to the maximum design speed."

Insert a new paragraph 6.3.1., to read:

"6.3.1. The presence of excessive deviation or unusual vibration in the steering equipment is estimated subjectively by a test driver of the Technical Service."

Paragraphs 6.3.1. to 6.3.5., renumber as paragraphs 6.3.2. to 6.3.6.
