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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on Brakes and Running Gear****Eighty-second session**

Geneva, 20-23 September 2016

Item 7(e) of the provisional agenda

Tyres – Regulation No. 106**Proposal for amendments to Regulation No. 106 (Tyres for Agricultural Vehicles)****Submitted by the experts from the European Tyre and Rim Technical Organisation***

The text reproduced below was prepared by the experts from the European Tyre and Rim Technical Organisation (ETRTO) amending Annex 5 as far as Improved Flexion (IF) tyres and Very high Flexion (VF) tyres are concerned. The modifications to the existing text of the Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2016–2017 (ECE/TRANS/254, para. 159 and ECE/TRANS/2016/28/Add.1, cluster 3.1), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

GE.16-11508(E)



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I. Proposal

Annex 5, table 4, amend to read:

"Drive wheel tyres for agricultural tractors - Low section series

Tyre size designation (1)	Theoretical rim width code (A1)		Nominal section width (S1) (mm)		Overall diameter (D) (mm)	Nominal rim diameter (d)(mm)
		IF / VF		IF / VF		
300/70R20	9		295		952	508
320/70R20	10		319		982	508
320/70R24	10		319		1 094	610
320/70R28	10		319		1 189	711
360/70R20	11		357		1 042	508
360/70R24	11		357		1 152	610
360/70R28	11		357		1 251	711
380/70R20	12	13	380	379	1 082	508
380/70R24	12	13	380	379	1 190	610
380/70R28	12	13	380	379	1 293	711
420/70R24	13	14	418	415	1 248	610
420/70R28	13	14	418	415	1 349	711
420/70R30	13	14	418	415	1 398	762
480/70R24	15	16	479	475	1 316	610
480/70R26	15	16	479	475	1 372	660
480/70R28	15	16	479	475	1 421	711
480/70R30	15	16	479	475	1 478	762
480/70R34	15	16	479	475	1 580	864
480/70R38	15	16	479	475	1 681	965
520/70R26	16	18	516	521	1 456	660
520/70R30	16	18	516	521	1 536	762
520/70R34	16	18	516	521	1 640	864
520/70R38	16	18	516	521	1 749	965
580/70R38	18	20	577	580	1 827	965

⁽¹⁾ "Improved flexion tyres" are identified by means of the letters "IF" added in front of the size designation (e.g. IF480/70R38) ; "Very high flexion tyres" are identified by means of the letters "VF" added in front of the size designation (e.g. VF480/70R38) – see paragraphs 2.18.8. and 2.18.9. 3-1-12. of this Regulation."

II. Justification

Following the amendment proposed in document ECE/TRANS/WP.29/GRRF/2015/31 and approved by WP.29 in the June 2016 session (ECE/TRANS/WP.29/2016/59), an additional amendment is needed due to the different dimensional guidelines for IF and VF tyres as per relevant standards. The amendment in the footnote is required by the suppressions and renumbering proposed in another working document by ETRTO during the eighty-second GRRF session.