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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[[1]](#footnote-2)\*

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.

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 paragraph**s 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.

1. \* 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. [↑](#footnote-ref-2)