

Case by Case list of amendments to GTR #16 on tyres.

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I. Amendments proposed by Contracting Parties

| <u>Reference in original text</u> | <u>Reference in draft proposal</u> | <u>Item</u> | <u>Reference</u> | <u>IWG Agreement</u> | <u>Meeting</u> |
|-----------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------|----------------|
| Scope | | | | | |
| 1.3 | Removed | LT/C Tyres with Speed Symbol less than Q, Removed from GTR scope and add in HS test scope and in part A of the GTR | TYREGTR 18-26 , IWG17/9 | Agreed, changed, highlighted | |
| 1.3 | Removed | Current 1.3 a and 1.3 b moved to 1.2 c and d. 1.3 to be removed. | Tyre GTR IWG Session 17 | Agreed, changed, highlighted | |
| 1.3 | 1.2 (c) | Addition of 'in highway service' to ST tyres | Tyre GTR IWG Session 17 | Agreed, changed, highlighted | |

| II. Proposed amendments from UN-ECE Regulations R30, R54, R117.02 FMVSS amendments | | | | | |
|------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------|
| <u>Reference in original text</u> | <u>Reference in draft proposal</u> | <u>Item</u> | <u>Reference</u> | <u>IWG Agreement</u> | <u>Meeting</u> |
| Definitions | | | | | |
| 2.9 | 2.10 | Brand name | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted | |
| 2.12 & Varia | | Removal of the word 'pneumatic' in 2.12, 2.32, 2.47, 2.53, 2.57, 2.62 | | Agreed, changed, highlighted | IWG 18th Ottawa |
| New | 2.38 | Manufacturer | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted | |
| 2.56 | 2.61 | PSI Index Incorporated in 2.61 Reference Test Inflation pressure replacing PSI Index | ECE/TRANS/WP.29/2016/52 | Agreed, changed, highlighted | |
| New | 2.93 | Trade description/commercial name | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted | |
| Markings | | | | | |
| 3.1.1.5 & varia | 3.1.1.5 & varia | Removal of 'pneumatic' and tires out of GTR scope 3.1.1.5, 3.5.1 | | Agreed, changed, highlighted | IWG 18th Ottawa |
| 3.3.1.2.1. | 3.3.1.2.1 | The manufacturer's name | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted | |
| 3.3.1.2.2. | 3.3.1.2.2 | The trade description/commercial name | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted | |
| 3.3.8 | 3.3.8 | Marking M&S for special use, R54 Ok. R30? | ECE/TRANS/WP.29/2016/52(R54) ECE/TRANS/WP.29/201##/## (R30) | Agreed, changed, highlighted | Bxl Oct 20 |
| 3.3.14. | 3.3.13 | Suffix LT after the service description | ECE/TRANS/WP.29/GRRF/2015/66 | Agreed, changed, highlighted | |
| 3.5.1 | 3.5.1 | Addition of 'passenger' | To avoid confusion with LT/C | Agreed, changed, highlighted | |
| Varia | Varia | Renumbering due to insertions/deletions | | Changed, not highlighted | |
| Calculations | | | | | |
| 3.5.3 3.5.6.1.1 | 3.5.3 3.5.6.1.1 | Section width, passenger tires | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted | |
| 3.5.4 3.5.6.2.1 | 3.5.4 3.5.6.2.1 | Outer diameter of tyre | ECE/TRANS/WP.29/2016/51 | Agreement to remove 8" diameter from the table annex 3 (out of scope) Agreed, changed, highlighted | |
| Testing | | | | | |
| 3.16.4.7 | 3.17.2.4 | Endurance test speeds in | ECE/TRANS/WP.29/2016/ | Agreed, changed, | |

II. Proposed amendments from UN-ECE Regulations R30, R54, R117.02 FMVSS amendments

| <u>Reference in original text</u> | <u>Reference in draft proposal</u> | <u>Item</u> | <u>Reference</u> | <u>IWG Agreement</u> | <u>Meeting</u> |
|-----------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------|----------------|
| | | km/h ipo rpm | 52 | highlighted | |
| 3.20 and annex 6 | 3.18.1 3.18.2 3.18.3 | High flotation sizes requirements and specifications introduced in R54 and Annex 5 limited to Legacy in R54 | ECE/TRANS/WP.29/2018/55 ECE/TRANS/GRRF/2018-5 | Agreed, changed, highlighted yellow | BxI Oct 20 |
| 3.20.2.1 | 3.18.1.2 | S_1 is the nominal section width (in mm) calculated by taking the valued shown on the side wall of the tyre multiplied by 25.4 in the designation of the tyre as prescribed; (high flotation) | | Agreed, changed, highlighted yellow | BxI Oct 20 |
| New 3.20.6 | | Dmin/Dmax for high flotation | | Agreed, changed, highlighted yellow | BxI Oct 20 |
| Annexes | | | | | |
| 3 | 3 | Nominal Rim Diameter code table | ECE/TRANS/WP.29/2016/51 | Agreed, changed, highlighted | |
| | | Addition of 8" and 9" codes which are in the scope of the tyre GTR | | Agreed, but 8" to be removed Agreed, changed, highlighted | |
| 6 | 6 | Update of the table (High Flotation) | ECE/TRANS/WP.29/2016/52 | Agreed, but removing 8" tyres Agreed, changed, highlighted | |
| 9 | 9 | Calculation of theoretical rims High Flotation sizes | GRRF 2018/5 | Agreed, changed, highlighted | BxI Oct 20 |
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| III. Proposed amendments from harmonization/editorial activities | | | | | |
|------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------|-----------------|
| Para | Renumbering | Item | Reference | IWG Agreement | Meeting |
| 1. | 1. | SCOPE | | | |
| 1.2 (e) | | Clarification that only C3 LT sizes are in the scope | AI IWG18-17 | Agreed, changed, highlighted | Bxl oct 2018 |
| 1.2 (e) | 1.2 (e) | Addition of "class" before "C3" | | Agreed, changed, highlighted | |
| New | 1.3 | Addition of a clarification on the tire categories | | Agreed, changed, highlighted | Bxl oct 2018 |
| Definitions | | | | | |
| New | 2.3 | "Metric-A tyre" | | Agreed, changed, highlighted | IWG 21st Geneva |
| 2.24 | | Removal of 'pneumatic' | | Agreed, changed, highlighted | IWG 18th Ottawa |
| New | 2.27 | "High flotation tyre" | | Agreed, changed, highlighted | IWG 21st Geneva |
| New | 2.33 | Light truck or Commercial tyre | | Agreed, changed, highlighted | IWG 18th Ottawa |
| New | 2.33 | CP section added for the sake of completeness | | Agreed, changed, highlighted | BXL oct 2018 |
| 2.32. | 2.34 | "Load index" means a numerical code which indicates the maximum load rating | | Agreed, changed, highlighted | Bxl oct 2018 |
| 2.32 | 2.34 | Remove 'carrying' for consistency with current 2.35 | Clarification, consistency | Agreed, changed, highlighted | Geneva Sept 18 |
| 2.33. | 2.35 | "Load capacity" means the maximum load that a tyre is able to carry subject to the maximum design speed of the vehicle, the tyre speed symbol and the tyre class. Annex 5 specifies the Tyre Load Capacity variation for class C1 (Passenger Car) and class C2 or C3 (LT/C) tyres | | Agreed, changed, highlighted | Bxl oct 2018 |
| 2.37 | | <i>Maximum application load</i> | Delete as not | Agreed, changed, | |

| III. Proposed amendments from harmonization/editorial activities | | | | | |
|------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------|-----------------|
| Para | Renumbering | Item | Reference | IWG Agreement | Meeting |
| | | <i>capacity</i> | used | | |
| 2.38 | 2.40 | "Maximum load rating" means the reference mass load used to define the load capacity of the tyre. | | Agreed, changed, highlighted | Bxl oct 2018 |
| Varia | Varia | Check the occurrences of 'load capacity' and correct if necessary. Following the clarifications on load capacity, load rating, ... | IWG 19-16 | Agreed, changed, not highlighted | Bxl oct 2018 |
| 2.34 | | Removal of references to annex 6 because redundant with the definitions. | | Agreed, changed, highlighted | |
| 2.34 | 2.36 | Load Range Addition of 'C' tyres, and new table reflecting the agreement from IWG meeting in Moscow to include IP 200kPa. Addition of 'non applicable ' for 170-199 <= 295 and to '500-599' >295. Added 'mm' | | Agreed, changed, highlighted | IWG 21st Geneva |
| 2.38 | 2.40 | Maximum Load rating | | Agreed, changed, highlighted | IWG 18th Ottawa |
| 2.41 | 2.43 | "Measuring Rim width" Refer to the annex 9. | IWG18/8 | Agreed, changed, highlighted | IWG 21st Geneva |
| 2.41 | 2.43 | Remove the part ' on which the tyre is fitted for ... dimensions' | AI IWG17/5 | Agreed, changed, highlighted | |
| New | 2.44 | "Metric tyre" | | Agreed, changed, highlighted | IWG 21st Geneva |
| New | 2.44 | "Metric tyre", reference to outer diameter | | To be discussed | IWG 21st Geneva |

| III. Proposed amendments from harmonization/editorial activities | | | | | |
|------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------|------------------|
| <u>Para</u> | <u>Renumbering</u> | <u>Item</u> | <u>Reference</u> | <u>IWG Agreement</u> | <u>Meeting</u> |
| New | 2.45 | Minimum and Maximum rim widths | | Agreed, changed, highlighted | |
| 2.43 | 2.47 | Nominal Section width updated definition to encompass non metric tires | | Agreed, changed, highlighted | Geneva Sept 2018 |
| 2.43 | 2.47 | Nominal Section width, including High Flotation tires | | Agreed, changed, highlighted | IWG 18th Ottawa |
| New | 2.58 | P-Metric tyre | | Agreed, changed, highlighted | IWG 21st Geneva |
| 2.56 | 2.61 | PSI index definition replaced to reflect Reference Test Inflation Pressure concept. We keep 'for single application' because we need to refer to it in the marking. 'Single application' added | | Agreed, changed, highlighted | Geneva Sept 2018 |
| 2.66 | 2.71 | Section Width: addition of 'S'. Removal of 'pneumatic' | | Agreed, changed, highlighted | |
| 2.67 | 2.72 | Service description, clarification of single/dual load index, moved from 2.32 "Load Index", and inclusion of the single point marking (alternative service description). | IWG 18/16 | Agreed, changed, highlighted | Aug 16 2018 |
| 2.77 2.80 | 2.82 | Proposal from RMA to remove year references to SRTT | Consider outside of the GTR (stick to compendium or harmonization) | Agreed, changed, highlighted | |
| 2.78 | 2.83 | Addition of 'run flat' as structure | | Agreed, changed, highlighted | IWG 21st Geneva |
| 2.82 | 2.87 | "Test rim" : means a rim on which the tire is fitted for testing. | | Agreed, changed, highlighted | Aug 16 2018 |
| 2.85 | 2.90 | Theoretical rim width: Reference to | IWG 18/7 | Agreed, changed, highlighted | |

| III. Proposed amendments from harmonization/editorial activities | | | | | |
|------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Para | Renumbering | Item | Reference | IWG Agreement | Meeting |
| | | Annex 9 | | | |
| 2.86 | 2.91 | Replace 'traction' by 'spin traction/' | | Agreed, changed, highlighted | |
| 2.86 | 2.91 | Reference to F1805 without year | Will create issue for some CP's | Rejected, year date will be kept. The Technical rationale will indicate how to fix the issues associated with the standard year. | Bxl oct 2018 |
| 2.96 | 2.102 | Size coding for metric and high flotation sizes and reference to new annex 4 | | Agreed, changed, highlighted | IWG 18th Ottawa |
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| Requirements | | | | | |
| 3. | 3. | Statement referring to tolerance guidelines in new Annex 11 | | Agreed, changed, highlighted | Bxl Oct 2018 |
| 3.1.2.1 | 3.1.2.1 | Replace 'will' by 'shall' | | Agreed, changed, highlighted | |
| 3.2.1.2 | 3.1.2.2 | Replace 'will' by 'shall' | | Agreed, changed, highlighted | |
| 3.3.1.2.3.3.1 | 3.3.1.2.3.3.1 | Load range marking at the discretion of the CP's | | Agreed, changed, highlighted | |
| 3.3.5 | 3.3.5 | Load/Inflation marking referring to FMVSS 139 ipo FMVS119? | | Rejected, keep as it is. | |
| 3.3.5 | 3.3.5 | Removal of The Reference Test Inflation Pressure shall be marked on the tyre if it differs from the inflation pressure marked for single application above, shown as follows: | | Agreed, changed, highlighted | Bxl Oct 2018 |
| 3.3.5 | 3.3.5 | Addition of: The inflation pressure marked for single application shall be | | Agreed, changed, highlighted | Bxl Oct 2018 |

| III. Proposed amendments from harmonization/editorial activities | | | | | |
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| | | taken as the Reference Test Inflation Pressure, unless the Reference Test Inflation pressure is marked separately as follows (footnote): | | | |
| 3.3.5 | 3.3.5 | (footnote) In line with the definition of the Reference Test inflation Pressure, the inflation pressure marked for single application shall be equal or higher than the reference test inflation pressure. | | Agreed, changed, highlighted | Bxl Oct 2018 |
| 3.3.5 | 3.3.5 | Replacement of the text "Reference Test Inflation Pressure" in the marking by "TEST @" "TEST INFL ." "@" | | Agreed, changed, highlighted | |
| 3.3.5 & varia | 3.3.5 & varia | Remove all occurrences of 'type' in 'LT/C type' | | Agreed, changed, highlighted | IWG 18th Ottawa |
| 3.3.11 | Removed See 3.3.5 | Reference Test Inflation Pressure replacing PSI index | Change from 'shown in the marking' to 'to be marked' | Agreed, changed, highlighted | |
| 3.3.15 | 3.3.14. | Marking for CP tires clarified | | Agreed, changed, highlighted | Bxl oct 2018 |
| New | 3.4.3 | Harmonized TWI for Commercial | TYREGTR-20-12 rev 1 approved by TYREGTR-20-15 | To be discussed | Bxl oct 2018 |
| 3.5.3 | 3.5.3 | Replace 'measuring' by 'test' Removal of 'as declared...' | | Agreed, changed, highlighted | |
| 3.5.3 | 3.18.## | Remove 'and measured on the measuring rim' | Deleted | Agreed, See 3.18## | |
| 3.5.5.1 | 3.5.5.1 | Test rims referred to in Annex 9 ipo Industry Standards | | Agreed, changed, highlighted | IWG 18th Ottawa |
| 3.5.6.1.1 | 3.5.6.1.1 | Remove 'theoretical' to be consistent with | | Agreed, changed, highlighted | |

| III. Proposed amendments from harmonization/editorial activities | | | | | |
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| Para | Renumbering | Item | Reference | IWG Agreement | Meeting |
| | | the definitions | | | |
| 3.5.6.2.1 | 3.5.6.2.1 | Remove references to diagonal and bias as per scope of GTR | | Agreed, changed, highlighted | |
| 3.6.1 | 3.6.1 | Addition of 'as calculated in 3.6.2.6' | | Agreed, changed, highlighted | |
| 3.6.2.5 | 3.6.2.5 | New sentence from FMVSS will be added to replace the proposal of ETRTO on calculations | In square brackets | Agreed, changed, highlighted | |
| 3.6.2.5 | 3.6.2.5 | Bottom out as pass | Part on bottom out as pass between brackets | Agreed, changed, highlighted [] | IWG 18th Ottawa |
| 3.7.2.1 | 3.7.2.1 | Change from 'rims permitted by the tyre manufacturer' to rims between min and max in annex 9. | | Agreed, changed, highlighted | |
| 3.8.4.5.1 | 3.8.4.5.1 | Change from 'rims permitted by the tyre manufacturer' to rims between min and max in annex 9. | | Agreed, changed, highlighted | |
| 3.8.4.5.3 | 3.8.4.5.3 | Text cleaning and reference to; Reference test Inflation Pressure' | | Agreed, changed, highlighted | |
| 3.10.3.5. 3.11.3.6. | 3.10.3.5. 3.11.3.6 | Temperature probe conditions | | Agreed, changed, highlighted | |
| 3.11 | High Speed Performance Test for Passenger tyres | | | | |
| 3.11.2.1 | 3.11.2.1 | Change to a test rim with a width comprised between the minimum and maximum width as per annex 9. The rim contour shall be one of those specified for the fitment of the test tyre. | AI IWG 17/5 | Agreed, changed, highlighted | |
| 3.11.4.1 | 3.11.4.1 | Change from 'rims permitted by the tyre manufacturer' to rims between min and max in annex 9. | | Agreed, changed, highlighted | |
| 3.12.2.3.2.5.1 | 3.12.2.3.2.5.1 | Change from 'rims permitted by the tyre | | Agreed, changed, highlighted | |

| III. Proposed amendments from harmonization/editorial activities | | | | | |
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| Para | Renumbering | Item | Reference | IWG Agreement | Meeting |
| | | manufacturer' to rims between min and max in annex 9. | | | |
| 3.12.3.2.1.2.1 | 3.12.3.2.1.2.1 | Change from 'rims permitted by the tyre manufacturer' to rims between min and max in annex 9. | | Agreed, changed, highlighted | |
| Varia | Varia | Change from "Inflation pressure marked on the sidewall " to Reference Test Inflation Pressure | | Agreed, changed, highlighted | |
| 3.12.3.2.2.2.5.1 | 3.12.3.2.2.2.5.1 | Change from 'rims permitted by the tyre manufacturer' to rims between min and max in annex 9. | | Agreed, changed, highlighted | |
| 3.12.2.3.1.7.1 | 3.12.2.3.1.7.1 | Change reference from "paragraph 2.5" to "paragraph 2" | | | |
| 3.12.3.2 | 3.12.3.2 | Remove the references to categories from SR1 And typo on 'vehicle' | | Agreed, changed, highlighted | Move this point to the regulatory part |
| 3.12.3.2.2.1 | 3.12.3.2.2.1 | Remove the references to categories | | Agreed, changed, highlighted | |
| 3.13 | 3.13 | Clarification, Run Flat test only for passenger | | Agreed, changed, highlighted | |
| 3.13 | 3.13 | Change from 'rims permitted by the tyre manufacturer' to rims between min and max in annex 9. | | Agreed, changed, highlighted | |
| 3.14.1 | 3.14.1 | Strength test aligned to 2.34 (Load range) to incorporate 'C' tires. 'not applicable' added to empty cells. | linked with table 2.34 | Agreed, changed, highlighted | |
| 3.14.2 | 3.14.2 | Reference to Reference Test Inflation Pressure | | Agreed, changed, highlighted | |
| 3.14.3.2 | 3.14.3.2 | If the tyre fails to | Part on bottom | Agreed, changed, | IWG 18th Ottawa |

| III. Proposed amendments from harmonization/editorial activities | | | | | |
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| Para | Renumbering | Item | Reference | IWG Agreement | Meeting |
| | | break before the plunger is stopped on reaching the rim, and the required minimum breaking energy is not achieved, then the tyre is deemed to have passed the test at that point. | out between brackets. | highlighted [] | |
| 3.14.3.2 | 3.14.3.2 | In this case, the value reported in paragraph 3.14.3.3 for this point will be the minimum required as define in table in paragraph 3.14.1. | Calculations to be replaced by proposal from (current FMVSS) | Agreed, changed, highlighted | |
| 3.14.3.2 | 3.14.3.2 | Bottom out as pass | | Agreed, changed, highlighted | |
| 3.15.2.2 | 3.15.2.2 | Bead unseating test aligned to 2.34 (load range) to incorporate 'C' tires | linked with table 2.34 | Agreed, changed, highlighted | |
| 3.15.3.4. and.5 | 3.15.3.4. and.5 | Duplication of previous sentences | | Agreed, changed, highlighted | |
| High Speed performance test for LT/C tyres with speed symbol \geq 'Q' (Harmonized) | | | | | |
| 3.16 – 3.19 replaced by harmonized provisions | 3.16 | High Speed performance test for LT/C tyres | TYREGTR-20-09 as amended and approved by TYREGTR-20-15 | Agreed, changed, highlighted | BxI Oct 2018 |
| 3.16 – 3.19 replaced by harmonized provisions | 3.16.1 | High speed performance test for LT/C tyres with speed symbol < 'Q' | | Agreed, changed, highlighted | |
| 3.16 – 3.19 replaced by harmonized provisions | 3.16.1.5 | Clear reference to the alternative Service Description | | Agreed, changed, highlighted | |
| 3.16 – 3.19 replaced by harmonized provisions | 3.16.2 | High speed performance test for LT/C tyres with speed symbol < 'Q' | | Agreed, changed, highlighted | |
| 3.16 – 3.19 replaced by harmonized | 3.16.2.1 | Reference to rims between min and max in annex 9. | | Agreed, changed, highlighted | |

| III. Proposed amendments from harmonization/editorial activities | | | | | |
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| Para | Renumbering | Item | Reference | IWG Agreement | Meeting |
| provisions | | | | | |
| 3.16 – 3.19 replaced by harmonized provisions | 3.16.2.3 | Reference to Reference Test Inflation Pressure | | Agreed, changed, highlighted | |
| 3.16 – 3.19 replaced by harmonized provisions | 3.16.2.3.4. | Temperature change for Q, R to 35+/-3 | | Agreed, changed, highlighted | BxI Oct 2018 |
| 3.16 – 3.19 replaced by harmonized provisions | 3.16.4.7 | Remove references to diagonal and bias as per scope of GTR (endurance test program) | | Agreed, changed, highlighted | |
| 3.16 – 3.19 replaced by harmonized provisions | 3.17 | High speed performance test for LT/C tyres with speed symbol < 'Q' | | | |
| 3.16 – 3.19 replaced by harmonized provisions | 3.17 | Previous 3.19 rescoped to SS < 'Q' | | | |
| Endurance test for LT/C tyres (from FMVSS 139, non harmonized) | | | | | |
| 3.17 | 3.17.1.1 | Endurance test for LT/C tyres (from FMVSS 139, non harmonized) | | | |
| 3.17.2.1 | 3.17.## | Change from 'rims permitted by the tyre manufacturer' to rims between min and max in annex 9. | | Agreed, changed, highlighted | IWG 18th Ottawa |
| | | Table with Reference Test Inflation Pressure | Justification in technical rationale on RTIP | Agreed, changed, highlighted | IWG 18th Ottawa |
| 3.18 | 3.17.1.2 | Low inflation pressure performance test for LT/C tyres (from FMVSS 139, non harmonized) | | | |
| 3.18.2.1 | 3.17.# | Low inflation pressure performance test aligned to 2.34 (load range) to incorporate 'C' tires | linked with table 2.34 | Agreed, changed, highlighted | IWG 18th Ottawa |
| Endurance test for LT/C tyres with Speed Symbol < 'Q' (from R54) | | | | | |
| Section previously part of 3.16 | 3.17.2 | | | | |

| III. Proposed amendments from harmonization/editorial activities | | | | | |
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| Para | Renumbering | Item | Reference | IWG Agreement | Meeting |
| 3.19.2.1 | 3.17.## | Change from 'rims permitted by the tyre manufacturer' to rims between min and max in annex 9. | | Agreed, changed, highlighted | Geneva IWG Sept 2018 |
| | | Table with Reference Test Inflation Pressure | | Agreed, changed, highlighted | |
| Physical dimensions of LT/C tyres | | | | | |
| 3.18 on physical dimensions between brackets until next IWG 22 | | | | | |
| 3.20 | 3.18 | Physical dimensions of LT/C tyres based on FMVSS 139 | Deleted. 3.21 becomes 3.20, etc... | Highlighted, tbd | |
| | | Harmonized Physical dimensions of LT/C tyres | Added | Partially discussed in | |
| | 3.18 | Addition of 'excluding all tyres in Annex 6' | | New | |
| | (3.18) | Paragraph useless deleted | | Approved except following points. See AI IWG 7 | |
| | 3.18.2.1 | Overall width not included because the measurement and specification are redundant with those of section width. | | New | |
| | 3.18.3 | Remove 'and measured on the measuring rim' | Deleted | Highlighted, tbd | |
| | | Replace 'measuring rim' by 'test rim' | | New | |
| | 3.18.3 | Section width | Added from R54 (tightest) | Highlighted, tbd | |
| | 3.18.4 | Overall Diameter | Added from R54 (not in FMVSS) | Highlighted, tbd | |
| 3.20.5.x | 3.18.5.x | Measurement on rims as per annex 9 | | New (see AI IWG 7) | |
| 3.20.5.3 | 3.18.5.3 | Physical dimensions measurements, room temperature | Added from FMVSS (none in R54) | Agreed, changed, highlighted | |
| 3.20.5.5.1 | 3.18.5.5.1 | Highest of 6 measurements of overall width to be considered | Added from R54 (tighter than FMVSS average of 6 measurements) | Agreed, changed, highlighted | |

| III. Proposed amendments from harmonization/editorial activities | | | | | |
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| Para | Renumbering | Item | Reference | IWG Agreement | Meeting |
| 3.20.5.6 | 3.18.5.6 | Outer diameter calculation | Aligned to ISO | Highlighted, tbd | |
| 3.20.5.7 | 3.18.5.7 | Treadwear indicators height | Added from R54 | Agreed, changed, highlighted | |
| Tyre rolling resistance test | | | | | |
| 3.21.3.2 | 3.19.3.2 | Refer to Test Rim and annex 9 | | New See IWG AI 6 | |
| 3.21.4.4.1 | 3.19.4.4.1 | Tolerances | JATMA | Currently changed, highlighted, to be removed | Bxl Oct 2018 |
| 3.21.5.5 | 3.19.5.5 | Replace DOT references by TIN | | Agreed, changed, highlighted | |
| 3.21 | 3.19 | Physical dimensions of LT/C tyres based on R54 | Deleted | Highlighted, tbd | Bxl Oct 2018 |
| Snow performance test relative to snow tyre for use in severe snow conditions | | | | | |
| 3.22. | 3.20. | Replace 'Traction' by 'spin traction' | | New, see 2.86 | |
| 3.22.3.1.4.2 | 3.20.3.1.4.2 | Reference to Test Inflation Pressure | | Agreed, changed, highlighted | |
| 3.22.4.5.1 | 3.20.4.5.1 | Reference to annex 9 | | Agreed, changed, highlighted | |
| 3.22.4.7.4.2 | 3.20.4.7.4.2 | Reference to Test Inflation Pressure | | Agreed, changed, highlighted | |
| Annexes | | | | | |
| Annex 4 | | Content removed PSI index to kPa conversion Because of introduction of reference test inflation pressure | | | |
| New | Annex 4 | Tyre size designation description. | | | |
| Annex 5 | Annex 5 | Split of the annex in 2 parts, 1. Passenger Radial 2. LT/C | | Agreed, changed, highlighted | Bxl Oct 2018 |
| Annex 5 | Annex 5 | Addition of a table mentioning the variation of load capacity with speed for passenger car tyres | | Agreed, changed, highlighted | Bxl Oct 2018 |
| Annex 6 | Annex 6 | Addition of Minimum and Maximum rim width | | Updated, highlighted | Bxl Oct 2018 |

| III. Proposed amendments from harmonization/editorial activities | | | | | |
|-------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------|--------------------------|
| Para | Renumbering | Item | Reference | IWG Agreement | Meeting |
| Annex 7 | Annex 7 | Addition of ALAPA (Brazil) in the tyre standards organizations | | Agreed, changed, highlighted | |
| Annex 8 | Annex 8 | Reference to annex 9. However proposal needs to be modified to reflect only one rim possible per size. Redundant with 3.22.4.5.1? | | Agreed, changed, highlighted | |
| Annex 9 | Annex 9 | Annex 9 updated to reflect ISO 4001/2010 (passenger) and 4209-1/2001 (truck) | TYREGTR-18-26 AI IWG17/5 & IWG 17/5 AI IWG 18/7 | Agreed, changed, highlighted | |
| New | Annex 11 | New: TEST EQUIPMENT TOLERANCES SPECIFICATION GUIDELINES | TYREGTR-20-10 approved by TYREGTR-20-15 | Agreed, changed, highlighted | Bxl oct 2018 |
| Annex 5 | Annex 5 | Rewording of annex header And addition of explanation | TYREGTR-18-26, 4.4.6 | Agreed, changed, highlighted | IWG 18th IWG 18th Ottawa |
| Multiple | Multiple | Occurrences of passenger tyre replaced by passenger car tyre | TyreGTR 18-26, 4.4 | Agreed, changed, highlighted | IWG 18th Ottawa |
| | | | | | |
| All | | Replace the occurrences of Maximum Load Carrying Capacity (not defined) by Maximum Load rating (defined) | | Agreed, changed, highlighted | Geneva IWG Sept 2018 |
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| III. Proposed amendments from harmonization/editorial activities | | | | | |
|------------------------------------------------------------------|--------------------|-------------|------------------|----------------------|----------------|
| <u>Para</u> | <u>Renumbering</u> | <u>Item</u> | <u>Reference</u> | <u>IWG Agreement</u> | <u>Meeting</u> |
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