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World Forum for Harmonization of Vehicle Regulations

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Item 4.12.4 of the provisional agenda

1958 Agreement:

**Consideration of proposals for new UN Regulations submitted
by the Working Parties subsidiary to the World Forum**

Proposal for amendments to ECE/TRANS/WP.29/2020/79

**Submitted by the representatives of France, Germany, Italy, Japan,
Russian Federation, Spain and United Kingdom of Great Britain and
Northern Ireland and the European Commission ***

The text reproduced below, supplementing the proposal for a new UN Regulation on uniform provisions concerning the approval of vehicles with regards to cyber security and cyber security management system, was drafted after the sixth session of Working Party on Automated/autonomous and Connected Vehicles (GRVA). GRVA was not in the position to finalize the drafting of paragraph 5.3. at its sixth session due to the lack of time at the end of the session. The Contracting Parties having expressed a position on this paragraph volunteered to further discuss (after the session) and to prepare a document solving the issues related to this paragraph 5.3. and subparagraphs, complementing the document submitted by GRVA (ECE/TRANS/WP.29/2020/79). This document is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and its Administrative Committee for the 1958 Agreement (AC.1) for consideration and vote at their June 2020 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2020 as outlined in proposed programme budget for 2020 (A/74/6 (part V sect. 20) para 20.37), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

Add paragraphs 5.3.1. to 5.3.7., to read:

- "5.3.1. The Approval Authority and its Technical Services shall ensure, in addition to the criteria laid down in Schedule 2 of the 1958 Agreement that they have:
- (a) Competent personnel with appropriate cyber security skills and specific automotive risk assessments knowledge;¹
 - (b) Implemented procedures for the uniform evaluation according to this Regulation.
- 5.3.2. Each Contracting Party applying this Regulation shall notify and inform by its Approval Authority other Approval Authorities of the Contracting Parties applying this UN Regulation about the method and criteria taken as a basis by the notifying Authority to assess the appropriateness of the measures taken in accordance with this regulation and in particular with paragraphs 5.1., 7.2. and 7.3.
- This information shall be shared (a) only before granting an approval according to this Regulation for the first time and (b) each time the method or criteria for assessment is updated.
- This information is intended to be shared for the purposes of collection and analysis of the best practices and in view of ensuring the convergent application of this Regulation by all Approval Authorities applying this Regulation.
- 5.3.3. The information referred to in paragraph 5.3.2 shall be uploaded in English language to the secure internet database "DETA",² established by the United Nations Economic Commission for Europe, in due time and no later than 14 days before an approval is granted for the first time under the methods and criteria of assessment concerned. The information shall be sufficient to understand what minimum performance levels the Approval Authority adopted for each specific requirement referred to in paragraph 5.3.2 as well as the processes and measures it applies to verify that these minimum performance levels are met.³
- 5.3.4. Approval Authorities receiving the information referred to in paragraph 5.3.2 may submit comments to the notifying Approval Authority by uploading them to DETA within 14 days after the day of notification.
- 5.3.5. If it is not possible for the granting Approval Authority to take into account the comments received in accordance with paragraph 5.3.4., the Approval Authorities having sent comments and the granting Approval Authority shall seek further clarification in accordance with Schedule 6 to the 1958 Agreement. The relevant subsidiary Working Party⁴ of the World Forum for Harmonization of Vehicle Regulations (WP.29) for this Regulation shall agree on a common interpretation of methods and criteria of assessment.⁵ That common interpretation shall be implemented and all Approval Authorities shall issue type approvals under this Regulation accordingly.
- 5.3.6. Each Approval Authority granting a type approval pursuant to this Regulation shall notify other Approval Authorities of the approval granted. The type approval together with the supplementing documentation shall be uploaded in

¹ E.g. ISO 26262-2018, ISO/PAS 21448, ISO/SAE 21434

² <https://www.unece.org/trans/main/wp29/datasharing.html>

³ Guidance for the detailed information (e.g. method, criteria, performance level) to be uploaded and the format shall be given in the interpretation document which is under preparation by the Task Force on Cyber Security and Over-the-Air issues for the seventh session of GRVA.

⁴ The Working Party on Automated/Autonomous and Connected Vehicles (GRVA)

⁵ This interpretation shall be reflected in the interpretation document referred to in the footnote to paragraph 5.3.3.

English language by the Approval Authority within 14 days after the day of granting the approval to DETA.⁶

- 5.3.7. The Contracting Parties may study the approvals granted based on the information uploaded according to paragraph 5.3.6. In case of any diverging views between Contracting Parties this shall be settled in accordance with Article 10 and Schedule 6 of the 1958 Agreement. The Contracting Parties shall also inform the relevant subsidiary Working Party of the World Forum for Harmonization of Vehicle Regulations (WP.29) of the diverging interpretations within the meaning of Schedule 6 to the 1958 Agreement. The relevant Working Party shall support the settlement of the diverging views and may consult with WP.29 on this if needed."
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⁶ Further information on the minimum requirements for the documentation package will be developed by GRVA during its seven session.