Electronic Repository of Unsigned Traffic Rules

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ADS Need

- It is expected that WP.29 Regulation 157, its updates, and other future WP.29 regulations for ADS will specify that the ADS must follow the driving-related traffic rules (regulations, laws, or other legal instrument) of the jurisdiction in which the vehicle is travelling

- There is no current, reliable electronic form of the driving-related traffic rules that are not represented by physical road signs

- Having individual commercial entities create and maintain an electronic repository of the unsigned, driving-related traffic rules by jurisdiction risks safety issues due to inaccurate representation of the relevant traffic rules

WP.29 Status

- At its 189th Session, WP.29 discussed the value of an electronic repository of the driving-related traffic rules that are not represented by physical road signs

- The contracting parties and the experts present generally expressed interest in having such a capability to support ADS

- There was no opinion on the practicality of creating and maintaining such a repository

- There was agreement to request WP.1 to explore creating an electronic repository of the driving-related traffic rules that are not represented by physical road signs

ITU Recommendation

- As the UN agency for information and computing technology (ICT), ITU recommends that WP.1 create a group to explore the creation and maintenance of an electronic repository of the driving-related traffic rules that are not represented by physical road signs, with tasks including

  ‣ Determine how the unsigned traffic rules should be structured in electronic form (the UK and ISO TC 204 have activities in this area)

  ‣ How such electronic data should be created and the effort required

  ‣ How such electronic data could be kept up to date and the effort required

- ITU offers to support WP.1 in such an activity in all ways that WP.1/UNECE wants