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**Economic Commission for Europe**

Inland Transport Committee

**Global Forum for Road Traffic Safety**

**Seventy-fifth session**

Geneva, 19-22 September 2017

Item 3 (c) of the provisional agenda

**Convention on Road Traffic (1968):**

**Automated driving**

**Terms of Reference for the Consolidated Resolution on the  
Integration of Vehicles with Automated Driving Systems in  
Traffic**

**Submitted by the Government of the United States**

This document contains a discussion paper for consideration by Global Forum for Road Traffic Safety (WP.1) proposing terms of reference for elaboration of Consolidated Resolution on the Integration of Vehicles with Automated Driving Systems in Traffic.

**Terms of Reference for the  
Consolidated Resolution on the Integration of Vehicles with  
Automated Driving Systems in Traffic**

A Discussion Paper for Consideration by Working Party 1

Submitted by the Government of the United States

1. In the 74<sup>th</sup> session, WP1 agreed to commence a process to create a non-binding advisory instrument dedicated to highly automated and/or autonomous vehicles which would serve both the 1949 and/or 1968 Conventions on Road Traffic.
2. These Terms of Reference describe the process by which a non-binding advisory instrument should be developed, maintained, expanded and updated by Working Party 1.

### **Purpose**

3. The Consolidated Resolution on the Integration of Vehicles with Automated Driving Systems in Traffic is intended to provide recommendations to governments for policies and practices for safe accommodation of such vehicles in traffic.

### **Justification**

4. The recommendations and advisory statements included in this Resolution are based on the judgment of Working Party 1, incorporating the cumulative experience and expertise of Working Party members, together with available data and evidence, and informed by consultation with outside experts, when appropriate, through individual contact or through workshops, seminars or other opportunities.

### **Development**

5. Recommendations and advisory statements regarding the integration of vehicles with Automated Driving Systems in traffic should be developed by the Bureau, with support of a lawyer/consultant and assistance of no more than five country experts, with the latter seeking any necessary policy and legal assistance within their home institutions. The mandate includes drafting recommendations and advisory statements and formatting for possible inclusion in the Resolution (ensuring consistent terminology, formatting, and proper advisory language is utilized).
6. The draft recommendation should then be presented to the Working Party as an agenda item at the earliest possible Session (depending on available Session time). In this Session, the Working Party should either endorse, seek clarification or return the draft to the Bureau for additional consideration. Endorsed recommendations or statements should be transmitted to the Secretariat for inclusion in the published Resolution.
7. Working Party 1 may conduct workshops, meetings or other events as considered necessary to identify topics where such recommendations or advisory statements would be useful for governments or to assist in developing the best advice.

## **Organization**

8. The Consolidated Resolution on the Integration of Vehicles with Automated Driving Systems in Traffic should be organized to reflect the variations in automated driving technologies. The Resolutions should include sections addressing integration of:
  - a. Vehicles that can operate in driverless mode and require occasional operation by an on-board human driver.
  - b. Vehicles that are fully driverless and do not permit operation by an onboard human driver.

## **Publication**

9. The Consolidated Resolution on the Integration of Vehicles with Automated Driving Systems in Traffic should be published and maintained on the official website of Working Party 1. Publication should be either within or alongside the existing R.E.1 Consolidated Resolution on Road Traffic.

## **Revision and Update**

10. The Consolidated Resolution on the Integration of Vehicles with Automated Driving Systems in Traffic is intended to be periodically updated to reflect contemporary expert opinions, new evidence, or to respond to emerging technology.