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Item 5 (a) of the provisional agenda

Proposals for amendments to annexes A and B of ADR: Construction and approval of vehicles

Status update on the amendment of UN Regulation No. 46 concerning Camera Monitoring Systems

Transmitted by the Government of Germany*

I. Introduction

1. This document is to inform the Working Party on the Transport of Dangerous Goods (WP.15) on the status of amending UN Regulation No.46 (R46) concerning the application of Camera Monitoring Systems (CMS) for indirect vision on ADR (FL and EX/III) vehicles equipped with a feature to de-energize the electrical system (feature).
2. R46 contains provisions for the CMS to remain active and be re-activated within a determined period that cannot be achieved when the feature is activated. The energy required to allow this function is too high to comply with the restrictions in ADR for systems that remain active once the feature is activated.
3. To allow the CMS for ADR vehicles equipped with the feature, an exemption has been adopted by WP.29 in its November 2024 session. To allow the driver to exit the cab in a safe way, it was felt necessary to have an external control device for the feature, so that the system remained active while the driver left the cab until the feature would be activated externally.
4. To guarantee a safe use of the vehicle equipped with a CMS and feature it is proposed to include some consequential wording in the ADR.
5. If the proposal will be adopted a comment in the report of WP.15 which allows the use of CMS for ADR vehicles before 2027 would be highly appreciated.

II. Proposals

6. It is proposed to add the following provisions to 9.2.2.8.2 and 8.3.9.

* A/79/6 (Sect. 20), Table 20.6



7. Add a new sentence at the end of 9.2.2.8.2 to read:
“An additional control device shall be installed on the outside of the driver’s cab for vehicles equipped with a Camera Monitoring System according to UN Regulation No. 46.”*
8. Add a new subsection 8.3.9:
“Vehicles with a Camera Monitor System
When vehicles are equipped with a Camera Monitoring System according to UN Regulation No. 46 and have a feature to de-energize the electrical circuits according to 9.2.2.8, use of the external control device should be the preferred option.”*
9. Add a new footnote to 9.2.2.8.2 and 8.3.9:
*“*UN Regulation No 46 (Uniform provisions concerning the approval of devices for indirect vision and of motor vehicles with regard to the installation of these devices).”*

III. Sustainable Development Goals

10. These proposals support to implement the United Nations Sustainable Development Goal 16, *Peace, justice and strong institutions*.
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