**Explanation**

The purpose of compiling this list of existing ADS regulations and standards from is to provide a comprehensive overview of the current landscape governing autonomous driving systems. The list categorizes these into four main sections: National or Regional Technical Regulations; Technical Standards; Technical Guidance Documents; and Legislation, outlining the legal framework and statutory requirements. This compilation aims to facilitate better understanding, comparison, and alignment of ADS regulatory practices globally, reflecting the foundational work accomplished by the groups from UN and highlighting the current regulatory status of contracting parties.

**Existing regulations, directives, and international voluntary standards**

International, national regulations, recommendation and directives:

- UN Regulation No. 157 - Automated Lane Keeping Systems (ALKS)

- UN Regulation No. 155 - Cyber security and cyber security management system

- UN Regulation No. 156 - Software update and software update management system

- European Union Regulation 2022/1426 - Unified Procedure and Technical Specifications for Type Approval of Automatic Driving System (ADS) for Autonomous Vehicles

- China - GB/T 41798-2022 Intelligent and connected vehicles - Track testing methods and requirements for automated driving functions

- China - GB/T 40429-2022 Taxonomy of driving automation for vehicles

- United Kingdom - BSI PAS 1881 Assuring the operational safety of automated vehicles

- United Kingdom - BSI PAS 1882 Data collection and management for automated vehicle trailer the purpose of incident investigation

- United Kingdom - BSI PAS 1883 Operational Deign Domain (ODD) taxonomy for an automated driving system (ADS)

- United Kingdom – BSI Flex 1889 Natural language description for abstract scenarios for automated driving systems

- Japan - JIS D 6805 Testing Method of the Characteristics and Functions of Automatic Guided Vehicles

- Japan - JIS D 6804 General Rules on the Design of Automatic Guided Vehicle Systems

List of relevant standards for Automated Driving System Safety:

- ISO 34501:2022 Road Vehicles - Test scenarios for automated driving systems - Vocabulary

- ISO 34502: 2022 Road vehicles - Test scenarios for automated driving systems - Scenario based safety evaluation framework

- ISO 34503:2023 Road Vehicles - Test scenarios for automated driving systems - Specification for operational design domain

- ISO 34504:2024 Road vehicles - Test scenarios for automated driving systems - Scenario categorization

-