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Title: A.13 justification for proposed draft new Technical Report ITU-T YSTR.HTSA-overview "Overview of ICT based highway traffic safety assessment"

Contact: Okan GERAY
Digital Dubai
United Arab Emirates
Tel: +971 04 559 9999
Email: Okan.Geray@digitaldubai.ae

Contact: Keng LI
China Information Communication Technologies Group
China
Tel: +86 27 59100789
Email: kli@fiberhome.com

Abstract: This TD contains A.13 justification for proposed draft new Technical Report ITU-T YSTR.HTSA-overview "Overview of ICT based highway traffic safety assessment".

Please see below.

A.13 justification for proposed draft new Technical report ITU-T YSTR.HTSA-overview

Question:	7/20	**Proposed new ITU-T Technical report**	Geneva, 18-28 July 2022	
Reference and title:	YSTR.HTSA-overview "Overview of ICT based highway traffic safety assessment"			
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Scope (defines the intent or object of the Technical report and the aspects covered, thereby indicating the limits of its applicability):

This Technical report presents an overview of ICT based highway traffic safety assessment. It covers the four stages of ICT based highway traffic safety assessment:

1) Data collection;

2) Evaluation indicators selection;

3) traffic safety assessment;

4) safety improvement measures & suggestions.

Summary (provides a brief overview of the purpose and contents of the Technical report, thus permitting readers to judge its usefulness for their work):

A lot of information and communication technologies have been widely used in the traffic field, especially in the highway industry, and have made remarkable achievements. However, there is no scientific and effective index system for evaluating ICT-based highway traffic safety. In other words, there is a lack of uniform capability assessment methodologies for ICT based highway traffic safety assessment. This Technical report presents an overview of ICT based highway traffic safety assessment in the context of smart sustainable cities and communities. It covers the four stages of highway traffic safety assessment.

Relations to ITU-T Technical reports or to other standards (approved or under development):

ITU-T Y.4900, Y.4901, Y.4902, Y.4903, Y.4905, Y.4102, L.1440, ISO 37120:2018, ISO 37122:2019, ISO 37123:2019, ISO/IEC 30146:2019, ISO 39001:2012, ISO/TS 21219-19:2016, ISO/TS 21219-15:2016, ISO/TS 21219-26:2018, ISO 21219-18:2019, ISO/IEC TS 17021-7:2014

Liaisons with other study groups or with other standards bodies:

ITU-T SG5, ISO, IEC, UNECE Transport WP1

Supporting members that are committing to contributing actively to the work item:

China Information Communication Technologies Group, Jordan, Wuhan University, China Unicom, China Telecom