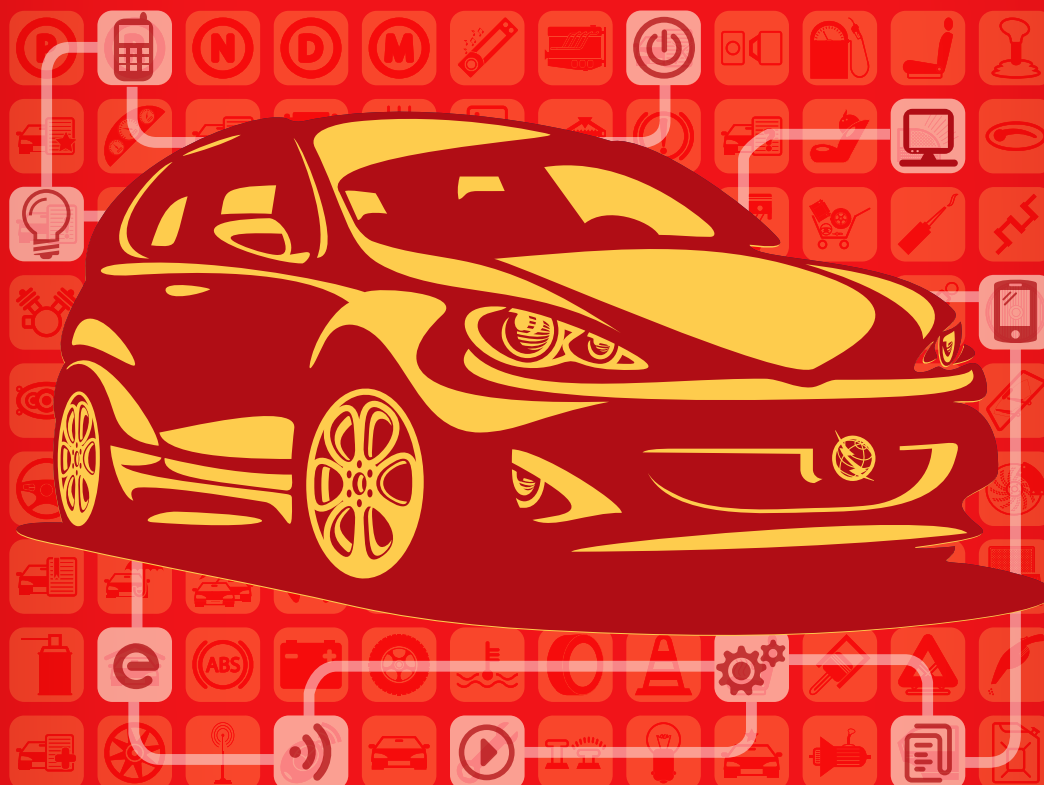


WTISD

17 May 2013



ITU WORK ADDRESSING

ROAD SAFETY



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ITU IS WORKING TO
ENHANCE ROAD SAFETY
AND TRAFFIC
MANAGEMENT SYSTEMS BY
COUNTERING
TECHNOLOGY-RELATED
DRIVER DISTRACTION,
PROMOTING SAFE USER
INTERFACES IN VEHICLES,
AND DEVELOPING
INTELLIGENT TRANSPORT
SYSTEMS (ITS) THAT
IMPROVE THE SAFETY,
MANAGEMENT AND
EFFICIENCY OF
TERRESTRIAL TRANSPORT,
WHILE REDUCING ITS
ENVIRONMENTAL IMPACT.

ITU WORK ADDRESSING ROAD SAFETY



Focus Group on Driver

Distraction: The Focus Group's five technical reports describe user interface requirements for automotive applications; system capabilities for improving the safety of driver interaction with applications and services; and approaches being used to enable external applications to communicate with a vehicle. The reports are freely available here: <http://itu.int/go/FGdistraction>



Collaboration on intelligent transport systems (ITS)

Communications Standards: Road safety is a high priority ITS application. Details of the groups work, including work towards a standard that will limit the use of mobiles in moving vehicles, can be found here:

<http://itu.int/go/ITScomms>

ITU will hold a joint workshop to include sessions on road safety and driver distraction with UNECE, 27 June 2013.

<http://itu.int/go/ITSworkshop>



Radio requirements for ITS

(Recommendation ITU-R M.1890) establishes a framework or foundation for subsequent studies and output that are technology (such as Dedicated Short Range Communications (DSRC), collision avoidance radar, or ITS millimetre wave radiocommunication) or application specific.

Dedicated Short Range Communications (DSRC)

(Recommendation ITU-R M.1453-2), a fundamentally unique application to ITS, uses non-voice radiocommunication techniques to transfer data over short distances between a roadside infrastructure and mobile units.

Another important application of ITS is the **use of sensor technologies for the monitoring and identifying of objects near vehicles.** Recommendation ITU-R M.1452-2 identifies the system requirements for low power, short-range vehicular radar operating in the 60-61 GHz and 76-77 GHz bands.



ITU has been leading worldwide efforts in developing state-of-the-art ICT standards for Intelligent Transport Systems and driver safety that utilize a combination of computers, communications, positioning and automation technologies, including in-car radars for collision avoidance.

Hamadoun I. Touré
ITU Secretary-General



Report ITU-R M.2228 provides characteristics, requirements and status of advanced ITS radiocommunications in various countries.



Volume 4 of the Land Mobile Handbook (including Wireless Access), provides a tutorial on Intelligent Transport Systems (ITS), with specific examples of ITS applications.



KNOW MORE <http://www.itu.int>

Contact the Collaboration on ITS communication standards (CITS) secretariat at tsbcits@itu.int