

Session 3: Communications (voice and audiovisual services)

Objectives: Analyse the operational problems of speech transmission and processing systems when used in mobile environments and outline possible solutions based on acoustic and digital technologies.

Discuss test methods for realistically assessing speech quality performance in modern hands-free audio systems for use in cars and similar mobile environments.

Examine the provision of information services to mobile users based on speech recognition platforms.

Highlight on-going work in standards in this area and identify the further standardization work required for paving the way for improved quality of audiovisual services in the automotive field and enabling the effective exploitation of new technologies.

Session 4: Mobile office (data and multimedia services)

Objectives: Address the needs of 'mobile office' users in motor vehicles in terms of multimedia applications and services (user segments, subset of traditional office applications, additional services, etc.).

Examine requirements of the underlying network to support these applications and services (protocols and access technologies).

Discuss requirements of the in-vehicle network.

Study integration aspects with in-vehicle entertainment systems as well as multimedia capabilities of dedicated in-vehicle terminals and integrated devices (PDAs, Notebooks, etc.).

For detailed information, please visit: http://www.itu.int/ITU-T/worksem/telecomauto/index.html

ITU-T workshops can be found at: http://www.itu.int/ITU-T/worksem/index.html

Please visit also ITU-T past Workshops at: http://www.itu.int/ITU-T/worksem/past

ITU-T Workshop on Standardization in Telecommunications for Motor Vehicles

(Geneva, Switzerland, 24-25 November 2003)

REGISTRATION FORM

To be returned to TSB (Fax: +41 22 730 5853 or e-mail: TSBreg@itu.int) by 14 November 2003

I will participate in the workshop:

This workshop is free and also open to non-members of ITU

Registration form fields: Mr, Ms, Family Name, First Name, Country, Name of Administration of Member State, Name of Sector Member / Associate / Other

Name and complete address of Administration or Organization: Tel., Fax, E-mail

Hotel/Address in Geneva, Switzerland: Hotel, Address, Tel.

Date: Signature:

REGISTER NOW! Fax: +41 22 730 5853 E-mail: TSBreg@itu.int http://www.itu.int/ITU-T/worksem



ITU-T Workshop on Standardization in Telecommunications for Motor Vehicles

ITU Headquarters, Geneva, Switzerland, 24-25 November 2003

This workshop is free and also open to non-members

The Telecommunication Standardization Sector (ITU-T) of the International Telecommunication Union, in collaboration with ISO and ETSI, is organizing a workshop offering the automotive and telecommunication industries an opportunity to exchange ideas on the future of communication technologies in motor vehicles.

Despite extensive work in the field of telematics and other related areas, there has been little effort so far to create standards that allow manufacturers to enjoy a truly open market.

The overall objectives of this workshop are to:

- Exchange ideas on the future of communication technologies and standards in motor vehicles between the automotive and telecommunication industries
- Create a better understanding between the two industries, and to combine efforts and skills to create standards
- Address in particular the resulting needs in telecommunication standardization

A small exhibition of cars will be held during the workshop

ADVANCE PROGRAMME

Day 1 Monday 24 November 2003

Session 1: Diagnostics and Telematics

Objectives: Explore the basic communication issues for Intelligent Transport Systems (ITS) and how communication between the vehicle and telecommunication infrastructure takes place.

Explore ways to resolve the different points of view between political and regulatory bodies which may require the use of different media in different places, and the needs of car manufacturers wishing to supply, worldwide, the same in-car equipment.

Understand how vehicles communicate with each other.

This session will present current thinking and developments aiming to achieve these goals.

Session 2: Safety (vehicle and passenger safety, emergency services)

Objectives: Analyse how automatic e-calls - automatically generated messages following an accident for example, that are sent by a vehicle's computer system to the emergency services - can be generated and handled in the mobile system.

Understand how mobile networks can be used for road safety enhancement.

Understand what kind of automatic components may be used and what kind of medical data should be transmitted.

Understand how road traffic accidents can be prevented by using different predictive technology in the vehicle and what kind of system architectures are able to simplify governing, displaying and sending e-call data.

These questions will be examined with a view towards standardization because many believe that the adoption of coordinated measures is a fundamental issue if safety of vehicles is to be increased and an effective and fast e-call system implemented.