

Version 1.2, reviewed by participants

Participants:

Uwe Daniel, Chairman
Juhani Jaaskelainen, European Commission
Sven Lämmermann, Volkswagen
Peter Mann, Bundesnetzagentur
Rodolfo Mann Pelz, Robert Bosch GmbH
Rudolf Mietzner, Softlab
Abdel Kader Mokaddem, Renault
Tamás Szafkó, Connexis
Bob Williams, CSI

1. Welcome and introduction

After the participants' introduction to each other the expectations of the participants and their organisations were collected. The main issues are:

- a first task should be to identify sources and to collect all existing information on V2X communication, relevant standards etc.
- the primary goal of the WG is eSafety, therefore not only WiFi (W-LAN) but all possible means of communications to reduce fatalities and injuries, should be considered
- WiFi has one important advantage: the wide use of components in IT and CE devices brings significant economies of scale, therefore solutions for inter-vehicle communication will have a substantial advantage on cost using IEEE801.11(p?)
- a concise view of all activities in the EU should be prepared and presented to the eSafety SG and by that to the commission, especially the project results of GST, Cartalk, NOW, CVIS, Safespot, Coopers and similar projects
- the CALM initiative could provide a viable path towards standardisation, which is needed to make sustainable business models possible
- regarding spectrum issues the 5.8GHz band should be investigated further if V2V communication shall become an important part of eSafety communication, a clear benefit analysis will be needed to claim protected frequencies for V2V/V2X
- a common understanding on the architecture of a communications system (on board unit, infrastructure, services) will be needed and must be developed during the work within the WG
- multi-hop communication using V2V is currently not covered by standards or pre-standards, could be an issue for the WG
- an integration of service providers could be important to develop business models; on the other hand a services need additional revenue streams – a focus on Safety-only systems could be more effective. This will be one important discussion in the WG.

2. Further actions

- two workshops will be planned on EU level in this context: a) a workshop on WLAN, b) a workshop on architecture; the WG will be informed and members will participate
- some documents provided by Bob Williams will be distributed to the WG
- contact to the relevant groups within ETSI and ITSSG will be maintained by Bob Williams (TC204, TG37, CALM, ITSSG)
- a prioritised list “who does what?” will be developed during the next months

- the foundation and chairmanship of task forces regarding spectrum issues and standardisation will be decided on during the next meeting
- the next meeting will take place on January 17th, 2006 in Mainz at Bundesnetzagentur, an invitation and directions will be distributed in due time

3. Introduction to COMeSafety and the C2CC Consortium by R. Mietzner

- possible use cases/focus areas:
 - o speed info
 - o proximity warning (collision avoidance)
 - o hazard spot warning (road conditions, accidents etc.)
 - o emergency vehicle warning / red light alert
 - o travel info
 - o car to home connectivity
 - o seamless services to the end user will be a key success factor
- COMeSafety will start with a collection of existing data on all issues mentioned under 1. – nevertheless the WG will start to work on the data collection independently because the results would be available late in 2006
- a collaboration between WG-C and COMeSafety will be discussed further between U. Daniel and R. Mietzner who will be the further contact between the WG, this project and the C2CC Consortium

4. AOB

- a eMail reflector can be used from now on, send your Messages to esafety-c2x@de.bosch.com, current addressees are

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