

# *CEN TC278 WG15 eSafety*

An update on  
Progress

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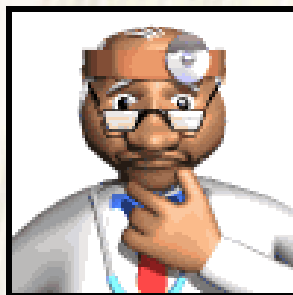
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# ITS- Standards and Regulations

Standards– Who does what ??



## ITS- Standards and Regulations

- ISO TC204 develops International Standards for ITS systems for Road Vehicles (in liaison with CEN TC278)
- CEN TC278 develops Standards with European specific aspects for ITS systems for Road Vehicles
- ITS systems interact between the vehicle and things outside the vehicle- other vehicles, the environment, the infrastructure



## ITS- Standards and Regulations

- CEN TC278 develops Standards for Euro-specific aspects of ITS Standards



## ITS- Standards and Regulations

- ISO TC22 develops Standards for aspects WITHIN the vehicle





## ITS- Standards and Regulations

- ETSI develops Telecommunications Standards for ETSI Countries
- ETSI ERM TG37 is the ETSI Committee for ITS Systems
- ETSI MSG is responsible for Telecommunications systems aspects
- CEPT/ERO are responsible for Radio Regulation Compatibility in Europe
- Nation States control use of Bandwidth in their countries
- ETSI work with ECEPT/ERO on regulatory aspects and Develop HENs (Harmonised European Standards where there are needs for the Single Market
- There is good liaison with the EC



- **CEN TC278 (Road Traffic and Transport Telematics)**
- **Working Group 15 : eSafety**



## History and objective of Presentation

- **The group was formed in the second half of 2006**
- **We now have 6 work items related to eCall and emergency service support**
- **Our colleagues in ISO TC204 have a further related work item in progress**
- **This short briefing is designed to inform you what they are, how they came about and the progress that we are making**



## The work item titles

→ **Intelligent Transport Systems — eSafety — ECall minimum set of data**

**STATUS: Approved TS - Draft EN**

→ **Intelligent transport systems — eSafety — Pan European eCall- Operating requirements**

**STATUS : Approved NP, Draft in TC comment prior to approval as TS (then to be progressed to EN)**

→ **Intelligent Transport Systems – eCall – Operating requirements for third party support**

**STATUS: New work item (NP)**

→ **Intelligent Transport Systems – eCall – High Level Application Protocols**

**STATUS: Pre-adoption work item**

→ **Intelligent Transport Systems – eCall – Quality of Service Requirements**

**STATUS : Pre-adoption work item**

→ **Intelligent Transport Systems – eSafety – Third Party Emergency Support Services**

**STATUS : Pre-adoption work item**

## TS/EN 15722 ECall minimum set of data

- **STATUS: Approved TS - Draft EN**
- **This work takes forward the MSD developed by Driving Group eCall, and has further developed it to a consensus which is now an Approved Technical Specification**
- **More recent work, is the process to upgrade this to a full European Standard has made some improvements to assist it being sent faster and to present data in ASN.1 PER**
- **This document is now being submitted for ballot.**



## Intelligent transport systems — eSafety — Pan European eCall- Operating requirements



STATUS : Approved NP, Draft in TC comment prior to approval as TS (then to be progressed to EN)

**The objective of this work item is to define the operating requirements for pan-European eCall**

**A draft has been developed and revised over several meetings**

**The document is now stable and is being sent for TC comment with a view to be approved as a Technical Specification at the Spring 2009 TC278 Plenary.**

**It will then be progressed to a full EN**





Intelligent Transport Systems – eCall –

## Operating requirements for third party support

→ **STATUS:** Pre-adoption work item

→ In developing pan-European Operating Requirements for eCall, some third party service providers stated that it was possible to provide the same eCall service, - *the MSD plus a direct voice connection between the PSAP and vehicle occupants* -but via their own communications networks.

→ It was recognised that this may advance the speed at which eCall could be deployed

→ A work item was applied for earlier this year, but due to an administrative error was only approved last month as a pre-adoptive work item

→ In the meantime an editing group has been doing preparatory work for when the NP (next stage) is approved



→ **Intelligent Transport Systems – eCall –  
High Level Application Protocols**

→ **STATUS: New Work item (NP)**

→ **ETSI has identified that in addition to its work, 'High Level Application Protocols' must be defined, and CEN TC278 WG15 has agreed to undertake this work**

→ **The EC will support a Project Team to accelerate the speed of this important deliverable**

→ **The PT selection process will commence shortly, and it is hoped to have a stable deliverable by mid 2009.**

→ **In view of this TC278 has approved this as a full work item (NP)**

**YES**

→ **Intelligent Transport Systems – eCall –  
Quality of Service Requirements**

→ **STATUS : Pre-adoption work item**

→ **Some WG experts, particularly those from National Administrations on the one hand, and practical ITS implementations on the other, have identified that there will be a need for Q of S Standards**

→ **This pre-adoption work item will study what (if any) work items are needed and what form they will take**

→ **Work has not yet commenced**



## Intelligent Transport Systems – eSafety – **Third Party Emergency Support Services**

→ STATUS : Pre-adoption work item

- **There is discussion in the WG about what additional emergency services can be provided by third party service providers; which should be standardised and which should be proprietary**
- **The WG has therefore been granted a pre-adoption work item to study this subject further**
- **Work has not yet commenced**



# ISO 24978 Emergency Services Data Registry

- **STATUS: DIS ballot in progress**
- **ISO has a Standard (ISO 14817) determining how data registries should be operated. It has developed a variant of this Standard specifically for Emergency and safety data.**
- **The objective is to establish a recognised entry and approval process for such a data registry**
- **This would enable data to be understood by third parties (such as PSAPs), without the need for every dataset to be 'standardised'**
- **The document is an approved CD, and a Draft International Standard ballot is in progress**
- **If approved, it is hoped to get a sponsor (EC or vehicle manufacturers for example) to sponsor the operation of the Data Registry**



How Can PSAPs/The PSAP Group

Help WG15 ?

Intelligent Transport Systems — eSafety —  
**TS/EN 15722 ECall minimum set of  
data**

**By getting your National Standards Development  
Organisation to vote positively for this work  
item**



## Intelligent transport systems — eSafety — Pan European eCall- Operating requirements



**STATUS** : Approved NP, Draft in TC comment prior to approval as TS (then to be progressed to EN)

- **By passing comments in the TC comment phase**
- **By getting your National Standards Development Organisation to vote positively for this work item when it is balloted next spring**





## **Intelligent Transport Systems – eCall – Operating requirements for third party support**

- **By participating in the work/ Reviewing working documents as they develop**
- **By ensuring that what is proposed is acceptable to most PSAPs (MSD + direct voice between PSAP and vehicle occupants)**
- **By reviewing any additional options offered with an open unbiased mind**
- **By getting your National Standards Development Organisation to vote positively for this work item when it is balloted next spring as an NP and in the subsequent ballot of the deliverable**



→ **Intelligent Transport Systems – eCall –  
High Level Application Protocols**

- **By getting someone from the PSAP group to volunteer to participate in the Project Team work**
- **By reviewing the output of the project team work and the subsequent proposed draft Standard**
- **By getting your National Standards Development Organisation to vote positively for this deliverable in the subsequent ballot next summer**

**YES**

→ **Intelligent Transport Systems – eCall –  
Quality of Service Requirements**

- **The PSAP group input will be particularly valuable for this work item if it can summarise the National Quality of Service Requirements for eCall and emergency services, and note differences in requirements between European Countries**
- **We would then like your help to review any drafts**
- **And of course to get your National Standards Development bodies to vote positively for any subsequent deliverables**



## Intelligent Transport Systems – eSafety – Third Party Emergency Support Services

- **At the moment any third party service provider who wishes to provide support involving a PSAP has to negotiate individually.**
- **We are still trying to determine exactly where common service standards may be useful, to make life both easier for PSAPs and Service Providers, but we believe there may be benefit in having common service definitions and product to make that negotiation easier.**
- **We would appreciate the PSAPs participation in that process, and in reviewing any drafts that are produced**
- **And of course, in getting National Standards Development Organisations to vote in favour of any proposed deliverables**



## ISO 24978 Emergency Services Data Registry

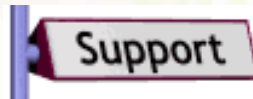
**We would urgently seek that you check that your National Member body has voted in favour of this deliverable (the ballot ends 15/10/08)**

**We would appreciate if the PSAPs would support the proposal that such a data registry should be managed and run by EC eSafety, and for the PSAPs to lobby for this with the Commission**



## Summary

- In summary, WG15 is making good progress, has good participation, but to get this right, and right for you the PSAPs:
- We need closer co-operation and participation, and would welcome not just a continuation of the co-operation that we feel exists at the moment, but greater active participation by PSAPs in our work



# eSafety- Standards



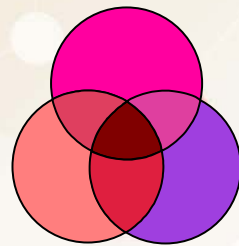
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