Economic Commission for Europe
Inland Transport Committee

Working Party on the Transport of Dangerous Goods

Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods

Bern, 14–18 March 2016
Item 6 of the provisional agenda
Reports of informal working groups

Report of the informal working group on telematics
(Bordeaux, 6 – 8 October 2015)

Presentations made during the workshop – Activities EC – ITS Directive – eCall - C-ITS deployment in Europe
Activities EC – ITS Directive – eCall - C-ITS deployment in Europe

Workshop on the use of telematics for dangerous goods transport: 6th of October 2015, Bordeaux

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Overview

- Digital Transport and Logistics Forum
- Outlook on eCall Extensions
- C-ITS deployment in Europe
Delegated regulation 885/2013

- ITS Directive (2010/40/EU): Priority action "e" - concerns the provision of information services for safe and secure parking places for trucks and commercial vehicles.


In accordance with Article 5 of the ITS Directive 2010/40/EU and Article 5 of delegated Regulation 885/2013

[...] public or private parking operators and service providers shall share and exchange data [...] 

[...] The static data shall be accessible through a national or international access point [...] 

EC decided to develop a European Access Point for Truck Parking Data
Data Collection / Delivery

1.) Web based Tool
- tool used to **store** and **update** data in the database of EC
- enables Member States to directly enter data according to delegated Regulation 885/2013

2.) DATEX II
- EC provides a DATEX II profile that corresponds to **minimum requirements** of delegated regulation which shall act as guidance
- EC will support a DATEX II import interface to transmit / update data to the European Access Point

Launch expected this year - data will be made available on
- European Open Data Portal, TENTEC Portal
Digital Transport and Logistics Forum
Digital Transport and Logistics Forum

- Active involvement of all stakeholders key to implementation

Objective:
- further support freight transport/logistics digitalisation
- aims to bring all relevant stakeholders together

Setting: 3 years, kick off has been on 1st and 2nd of July 2015 in Brussels

Structure: plenary + technical WG, e.g.:
- 1 - Definition and acceptance of electronic transport documents;
- 2 - Languages/standards for seamless data exchange;
- 3 - Safe and interconnected systems for data exchange (including the development of pilot projects);
- 4 - Adaptation of workers and users to digital technologies.
eCall
eCall in-vehicle system - REGULATION (EU) 2015/758

- Mandatory for personal cars and light duty vehicles as of 31 March 2018.
- *The Commission shall investigate whether the scope of this Regulation should be extended to other categories of vehicles, such as heavy goods vehicles, buses and coaches, powered two-wheelers, and agricultural tractors. If appropriate, the Commission shall present a legislative proposal to that effect.*

i-HeERO deployment project with additional activity on HGV

- Analysis, prototype development, cost-benefit analysis, recommendations
- Specific study on PSAP side how to handle dangerous goods information
eCall Standardisation

- **eCall MSD extension of the standard**
  - extension of EN 15722 (eCall MSD) -> EN 16405 = Additional data concept specification for heavy goods vehicles
  
  Two options described:
  - Schema A: information is stored in the MSD
  - Schema B: information about the load has to be fetched from other sources

- **New standardisation item to be launched soon**
  - Extension to additional classes of users (HGV, P2W, busses and coaches and agric. Tractors)
Cooperative ITS (C-ITS)
Why C-ITS?

- Cooperative Systems understood as "connected mobility":
  - More than V2V and V2I
  - Connecting all the elements of the transport chain (including public transport and vulnerable road users: pedestrians, cyclists, motorcyclists)

- Contribution to a plurality of policy objectives:
  - improving road safety
  - enhancing mobility & reducing congestion
  - optimising performance & capacity of transport infrastructure
  - improving efficiency of logistic operations
  - and hence: reducing energy use & environmental impacts
A sense of urgency ...

- C-ITS: clear movement from R&D to deployment
- Need for coordination to ensure interoperability and coherent deployment
- International dimension
- Competitiveness, growth and jobs
→ Need for a shared vision on deployment in the EU!

The instrument - Public-Private Engagement:
The Platform for the Deployment of C-ITS in the European Union
The C-ITS Platform

- Open Call for applicants in 2014, currently over 100 members

- The C-ITS Platform is a "Commission Expert Group", and as such the official procedures have been followed for its establishment.

- DG MOVE chairs and manages the platform, however several Commission services and other EU institutions are actively engaged:
  - DG MOVE
  - DG CNECT
  - DG GROW
  - DG RTD
  - DG JUST
  - JRC
  - EDPS
  - etc.
Objective: "Developing a shared vision and a roadmap for the Deployment of Cooperative Systems in the EU"


- Focus on "Day-1" applications
- Following up on initial deployments

→ Master Plan for the deployment of C-ITS in Europe
Cost-Benefit Analysis: Supporting study launched – "what services and where, which fleet and how?", consolidated List of Day 1 Services available

Open legal issues:
- Vienna Convention – not an issue for Day 1
- Liability: function of degree of automation – preliminary conclusion that not an issue for Day 1

Data protection and privacy:
- C-ITS messages: "Personal data"
- How to process data? "Consent"

Frequencies:
- How to ensure co-existence between C-ITS-G5 (5.9 GHz) and DSRC (5.8 GHz) – amendments of ETSI standards
- Co-existence (proposed) with RLAN in 5GHz band – monitoring of situation
Current topics... (2)

- **Access to in-vehicle data**
  - Agreement on guiding principles on access to in-vehicle data
  - Analysis of different models on how access to data could be granted

- **Security & Certification:**
  - 1 common trust domain needed for all of Europe
  - How to design the necessary compliance assessment processes

- **Public Acceptance:**
  - Common approaches to issues shared by different user groups
Thank you for your attention!

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