

**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**

**4 January 2016**

**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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**European Commission**

DG Mobility and Transport

Unit C.3 - Intelligent Transport Systems



- ITS Directive (2010/40/EU): Priority action "e": safe and secure parking places for trucks and commercial vehicles.
- Digital Transport and Logistics Forum
- Outlook on eCall Extensions
- C-ITS deployment in Europe



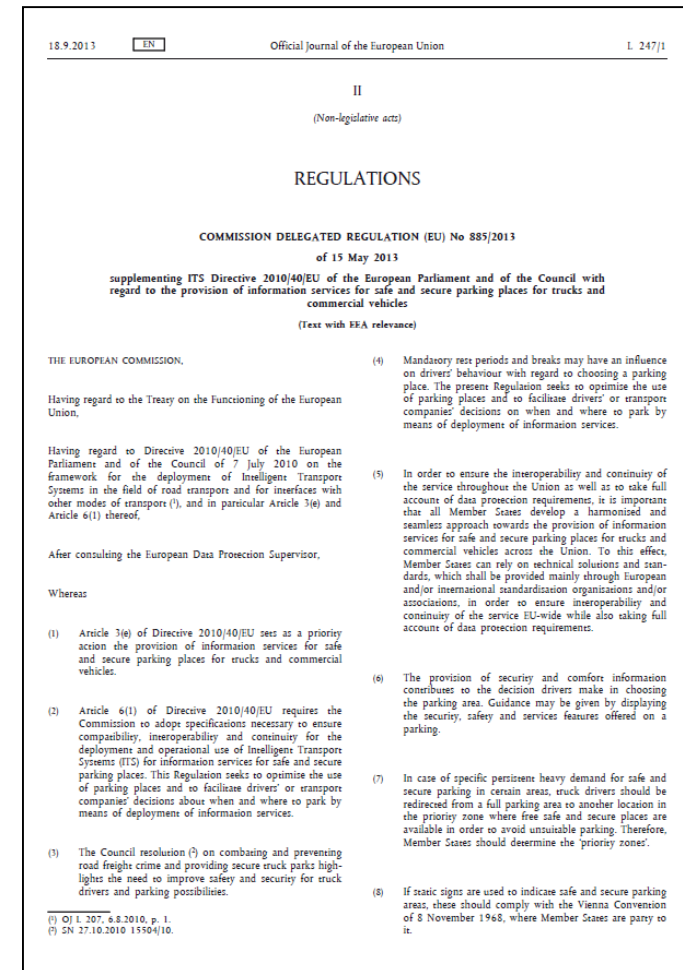
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# **ITS Directive (2010/40/EU): Priority action "e": safe and secure parking places for trucks and commercial vehicles.**

# 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.
- Adoption of specifications by the Commission (delegated Regulation (EU) N°. 885/2013) on 15 May 2013.
- More information at [http://ec.europa.eu/transport/themes/its/road/action\\_plan/](http://ec.europa.eu/transport/themes/its/road/action_plan/)



# European AP for truck parking data



- 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

## 1.) Web based Tool

- tool used to **store** and **update** data in 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



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# 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.



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# 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 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)



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# 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 JUST
  - DG CNECT
  - JRC
  - DG GROW
  - EDPS
  - DG RTD
  - etc.

# The C-ITS Platform

- **Objective:** "Developing a shared vision and a roadmap for the Deployment of Cooperative Systems in the EU"
- **Outcome:** Building blocks for a "Communication by the European Commission on the Deployment of C-ITS" in 2016.
  - Focus on "Day-1" applications
  - Following up on initial deployments

→ **Master Plan for the deployment of C-ITS in Europe**



# Current topics... (1)

- **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



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# Thank you for your attention!

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