



Rijkswaterstaat
Ministerie van Infrastructuur en Milieu

Dangerous Goods and eCall

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Goal: getting information on the presence of Dangerous Goods in case of incident

- Getting reliable data as soon as possible
- No or little extra costs/effort for truck operators or PSAP
- Working across Europe with all parties involved
- Has to fit in with existing procedures
- Has to be accepted by all emergency services across Europe
- Has to fit in the ITS infrastructure (car, roadside, telecom)



eCall

- eCall will in case of an incident notify the emergency services using priority channels in the network and establish a voice connection directly with the relevant PSAP (Public Safety Answering Point) and at the same time send minimum set of data to the PSAP operator receiving the voice call. This minimum set contains important data like location (including two previous locations), heading and VIN number.
- In the eCall standard there is a reservation for additional data for special cases.



eCall and Dangerous Goods

- In this preliminary work item a proposal is being developed to use the room for additional data for data on dangerous goods.
- This data has to be in the eCall unit, be up to date and ready to be send in case of an accident.
- How the data gets in the eCall unit is up to the solution provider. Possible ways have been described in a study paper presented to CEN TC278 WG15.
- What data will be send is described in the first proposal also presented to CEN TC278 WG 15. The idea is to stick very close to the present way of working. (UN number, packaging code, and getting danger code from that).
- Cooperation with experts is sought to define a first draft of a proposal to be tested in the HeERO Project.



HeERO – NL project

- Part of the EU HeERO project
- Goal is to start the deployment of eCall with pilot
- Nine EU countries will implement eCall, Budget 10M Euro
- Duration 3 years
- Started 1/1/2011
- First Year: implementation
- Second year: Testing, evaluation
- Third Year: Testing



Dangerous Goods eCall in HeERO NL

- February - gathering experts to join work on extra data
- March - first draft proposal to be included in HeERO deliverable 2.2 specification as input for functional and technical design
- September - Minor adjustments possible
- November - Technical test of implementation
- Jan 2012 operational
- Nov/Dec 2012 evaluation
- 2013 renewed operations and further progress on standardisation



Alignment between Dangerous Goods eCall and UN Regulations for the Transportation of Dangerous Goods

- The HeERO Project and CEN TC 278 Working Group 15 eSafety would welcome a dialogue with the Telematics Working Group to identify the preferred Dangerous Goods data to be exchanged by the proposed Dangerous Goods eCall specification and application



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