GSM-R “Asset & Evolution Management”

UIC, Paris 10-11 Sept 2013

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A good collaboration with ERA, UIC and other sector associations is in place. This cooperation should continue in the future.

Some major issues still need to be solved to define future proof solutions:

- Precise requirements on Quality of Service have to be defined for both voice and data transmission
- System Version Management for GSM-R Specs needs to be better linked with ETCS releases

Any strategic decision on GSMR evolution need CER support!
CER welcome European Commission steering process of interference issues through the ERTMS steering committee and the dedicated workshops organised with DG Connect and ETSI.

Significant progress have been made with the interference test campaign:

- A valid solution for filters could be defined in the next EIRENE release in 2013
- Detailed specifications should be included in the CCS TSI in 2014.

Coexistence of Railway radio and other service shall be insured in a changing electromagnetic environment.
CER recognises and welcomes the current evolution of the radio technology towards the IP (Internet Protocol).

The introduction of GPRS will represent just the first step, that will allow to unbundle the safety part (the train control system) from the Telecommunication part (the EDOR- ERTMS Data Only Radio) and a separate technological evolution of both ones;

CER wishes that the overall consistency of the CCS on-board subsystem will be maintained also when the train protection part and the Telecommunication part will be made independent one each other.

Overall consistency of control command an signaling system to maintain while new technology will be deployed.
CER welcomes the current early discussion on the future Radio Telecommunication system for Railways and hopes to see a stronger European coordination, suitable to guarantee the daily railway operation.

The investments already made or still to be made in the GSM-R have to be protected, CER wishes that the support to the GSM-R shall be continued as long as necessary.

Detailed impact assessment including migration and technology management to be perform before any decision on future telecommunication.
Thank you for your attention!

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