



Workshop

"Information and Communication Technology On Trains"

12 September 2011

Dear colleagues,

the **IEC TC9 Electrical and Electronic applications for railways** is preparing, according to the approved work programme, two new series of standards focused on information and communication technology on trains (communication on board and communication train/ground, multimedia on board), as detailed hereinafter. These series of international standards are included into the IEC TC9 and **CENELEC TC9X** merging strategy and consequently are submitted to parallel voting in CENELEC and published as European Norms too. *For the scope of above mentioned standards see Annex 1.*

To present information about these standards during their preparation phase and to obtain views, needs and expectations of railway specialists from European railway undertakings (RUs), infrastructure managers (IMs) and industry, CLC TC9X has accepted an offer of the Czech Office for Standards, Metrology and Testing Institute, represented by **ACRI** (see below), to organise a workshop. The workshop will contribute to a better understanding between the standards creators, the manufacturers of standard-based products and the users of solutions based on such standards, within the framework of European policy and regulations.

The "Information and Communication Technology On Trains" workshop will be held on **20 and 21 October 2011 in Prague**, Czech Republic in the building of Ministry of Transport, nábř. L. Svobody 1222/12, Praha 1.

The workshop is free of charge, but registration is required. Due to limited number of seats, we cannot guarantee that requests sent after 30 September will be accepted. For actual information see www.integrail.info/workshopprague.htm

To conclude, let me shortly introduce ACRI's position vis-à-vis the railway standards. ACRI – Association of the Czech Railway Industry, on the basis of the agreement with the Czech Office for Standards, Metrology and Testing (UNMZ) and the Czech Centre of Technical Standardisation (CTN ACRI), is responsible for preparation of standards for railways. To learn more about ACRI, see www.acri.cz.

Kind regards,

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Convenor of CLC TC9X WG15-01 Ad-hoc group

LIST OF NEW IEC STANDARDS

Electronic railway equipment – TCN-Train communication network (IEC 61375-X)

- IEC 61375-1: General Architecture
- IEC 61375-2-1: WTB - Wire Train Bus
- IEC 61375-2-2: WTB - Wire Train Bus Conformance Testing
- IEC 61375-2-3: Communication Profile
- IEC 61375-2-4: Application Profile
- IEC 61375-2-5: ETB - Ethernet Train Backbone
- IEC61375-2-6: Board to ground Communication
- IEC 61375-3.1: MVB – Multifunction Vehicle Bus
- IEC 61375-3.2: MVB - Multifunction Vehicle Bus Conformance Testing
- IEC 61375-3.3: CCN - CANopen Consist Network Bus
- IEC 61375-3.4: ECN - Ethernet Consist Network

Railway applications – On-board multimedia and telematic applications for railways (IEC 62580-X)

- IEC 62580-1: General Architecture
- IEC 62580-2: Video surveillance/CCTV services
- IEC 62580-3: Crew orientated services
- IEC 62580-4: Passenger orientated services
- IEC 62580-5: Train Operator/Maintainer orientated services