

ERTMS

SERA conference

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Venue: The Square Box, Brussels (BE)

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I. ERTMS Trackside Approval

The **4th Railway Package** introduces 3 reforms for IMs in the field of ERTMS:

1

Practical arrangements

- Initial engagement
- Proposed Implementing Act
- Sector participation in further discussions
- Learning cases
- Transition period
- The role and the liability of the Agency
- Mitigation measures

2

Fees & Charges

- Fixed fee or an hourly fee with max cap
- Risk sharing

3

One-Stop-Shop

- Business requirements
- Fit for its purpose
- Financing the OSS



- Coordinated and holistic approach regarding ERTMS
- Leading role of EU
- Initial engagement free of charge for the applicant



Implementing act (v 05) does not solve critical issues:

- documentation needs vs process reality;
- mandate of EUAR to check outside the tender phase;
- EUAR does not give a generic approval for the entire system;
- no process description;
- transition period unclear;
- no definition of the liability of the Agency;
- mitigation measures;
- Fees & charges incl risk sharing.

II. ERTMS Deployment Action Plan

The **Deployment Action Plan** raises questions in 3 main areas for IMs:

1

Interoperability/Compatibility

- Coherent use of 'interoperability' in Plan needed;
- **BCA** (baseline compatibility assessment) unclear. It is only a tool for IMs to identify any IOP gaps and to propose the best strategy and process to overcome these;
- If Plan foresees **mandatory cross-tests** between OBUs (on-board units) and trackside in the TSI CCS -> EUAR needs to **change the CCS TSI**;
- **Incompatibilities** occur for 3 reasons and need to be solved accordingly:
 1. **deviation ERTMS trackside from CCS TSI** -> ERTMS track side supplier and IM to implement short term measures;
 2. **deviation ERTMS OBU from CCS TSI** -> ERTMS onboard supplier and RU to implement the short term measures;
 3. **error in technical specification/s in TSI CCS** -> EUAR proposes solution and fixes error/s.

2

Role of IMs

- **Include IMs** in the developing and maintenance process of the Plan to allow stakeholders to tap into experience gained by IMs so far.

3

Governance

- The Plan requires a huge effort by everybody and thus high-level **coordination**: who ensures this ?

Thank you very much for your attention