Technical Specification for Interoperability

Telematic Applications for Freight (RAIL)

E-Freight Conference
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Brussels

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Agenda

• Introductions
• What is the TAF?
• SEDP and Commitments from the Stakeholders
  – The TAF-TSI Functions
  – The SEDP Timetable
• Achievements in Respect of the SEDP Calendar
• Next Steps
TAF – TSI Overview

• Goals
  – Improve service reliability and efficiency
  – Help deliver the critical attributes of a successful freight service - the ability to keep track of consignments & determine when deliveries to customers will be made

• Context
  – Is an open data layer across all rail actors
  – Is Compulsory
  – Became a Regulation on 18th January 2006
  – Implementation commitment of the rail actors is documented in the Strategic European Deployment Plan (SEDP), submitted to the EC in January 2007
What is to gain?

- Companies that have moved to automated processes report
  - 3-7 days decrease in cross-border lead times,
  - 3-10 days reduction in days inventory
  - 10-20% reduction in international freight costs*
- Customers demanding electronic communications and visibility

* Aberdeen Group – Supply Chain and Logistics, December 2006
E-Solutions Needed for Regulatory Compliance

- The TAF-TSI
- The TAP-TSI
- Noise Directive
- Safety Directive
- Conventional Rail Directive
- Customs Requirements
TAF-TSI Legal Framework

- The Regulation defines ‘What’ is to be implemented

- Chapter 7 – The ‘Strategic European Deployment Plan’ defines ‘How’ the TAF is to be implemented with the following objectives
• **SEDP Deliverable 5 – acceptance by the Commission in June, 2007**
Relationship and Interoperability with other TSIs

Services
- Telematics Passengers

Operation
- Maintenance
- Operation & Traffic Management

Technology
- Control Command
- Infrastructure
- Energy
- Rolling Stock

TAF TSI
TAF-TSI Common Components

- First Milestone in SEDP – the Secure communications
- CCG was created to Fund the development and operations of the Components
Organisation
Common Components Group

• Over 80% of the industry is represented

• Open to any Stakeholder

• Funding and governance is assured
• CCG is piloting a project of Common Interest and has Commission Oversight
• CCG is open to any person with legal personality who will participate in the TAF-TSI
• CCG is carrying out actions which concern all actors – be they public or private
• CCG membership will be re-opened so that rollout can be coordinated
• Two applications for TEN-T funding
  – Common Components
  – RNE – IM Project for Path Request and Train Monitoring

• Proposals are being reviewed and negotiated

• Must show coherence of the projects within the scope of the SEDP and TAF-TSI
Questions?

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