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RailData

Ensuring data exchange between European freight Railway Undertakings

JSG Telematics Expert Groups Plenary
Frankfurt am Main, 25 May 2023



Short overview

- Special group of the UIC providing IT applications and related services in the field of rail freight traffic
- Four solutions:



ORFEUS
Open Railway Freight EDI System

- Exchange of consignment note data
- CIM / CUV
- Distribution to all involved carriers
- For transports accompanied by paper consignment note or as electronic consignment note



ISR
International Service Reliability

- Wagon status (tracking / tracing)
- Train running information (linked to wagon status), based on TIS data
- Exchange of wagon performance data (covered distance per wagon), calculation engine based on wagon events



CoReDa
Commercial Responsibility Database

- Database containing wagons with their keepers and commercial/operational responsible RU
- Besides actual situation also information about the past available
- Authorised users can capture / change data about their wagons directly



ATTI

- ATTI = Agreement on freight Train Transfer Inspection
- Managed by ATTI Study Group, operated by RailData
- Quality data base for train inspections
- Support for planning, calculation of sample sizes, inspection plans, reports...

ORFEUS and ISR are TAF-compliant

- Data exchanged by RailData (consignment note / consignment order message, wagon movement) is also covered in TAF regulation
- Aim is to ensure that users of ORFEUS and ISR are fully compliant to TSI TAF
- TEG 5 and 6 working towards this goal



- New ORFEUS schema version 1.6 was published by ERA as the official COM (Consignment Order Message)
- Work ongoing to implement it during 2023
- Version 1.5 is soft-compliant



- Work ongoing on revision of the TAF regulation core text
- Change Request for a new message version WSM61 which will be the official message for wagon movement has been approved by SMO and JSG
- Existing version WSM60 is soft-compliant

RailData is a key in realizing DP Rail

- DP Rail initiative aims at creating a digital platform for operational data by using and unifying information from several sources (including existing platforms)
- It is driven by a consortium where RailData is also a member



DP-RAIL Consortium

- RailData solutions support some of the functionalities of the platform:



- Digital consignment note (building on ORFEUS consignment data exchange)
- Track & Trace (building on ISR wagon status messages)



- In line with DP Rail's objectives, RailData is working to modernise the existing platform (for example by developing API integration for ISR, ORFEUS and CoReDa)