



International Rail Transport Committee  
Comité international des transports ferroviaires  
Internationales Eisenbahntransportkomitee

# **UN ECE ITC: Digitalization and e-Documents**

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# Article 6 § 9 COTIF/CIM 1999: e-Consignment note

§ 9: *The consignment note and its duplicate may be established in the form of electronic data registration which can be transformed into legible symbols. The procedure used for the registration and treatment of data must be **equivalent from the functional point** of view, particularly so far as concerns the **evidential value** of the consignment note represented by those data.*

Consignor

The image shows a detailed electronic data registration form for a consignment note. The form is divided into several sections, with the bottom part labeled A, B, and C. A large blue double-headed arrow is overlaid on the form, pointing upwards towards the 'Consignor' label and downwards towards the 'Carrier' label, indicating the flow of data between them. The form contains numerous fields for data entry, including dates, times, and various checkboxes.

Carrier

# CIT Electronic transport document (ECN CIM) - 1

## Electronic Consignment Note CIM: Current situation

- **Digitalisation of transport documentation** → Reflection from various different perspectives at CIT level
- **Functionality** of the electronic consignment note – legal/functional specification CIT / technical specification Rail Data
- **Security of data and rights of access to data**
- **Authentication** of the electronic consignment note → **Electronic signature?**

## Judicial recognition of digital transport documents

- CIT Report to the Stakeholders:  
(OTIF, DG Move)
  - Electronic consignment note
  - Judicial recognition of digital (transport) documents
  - Electronic formal damage report (CIT20)

# CIT Electronic transport document (ECN CIM) - 2

## Publication of the four CIT Manuals on 1<sup>st</sup> of January 2017

- CIT has finalised the legal and functional **specifications** for the **e-Consignment note CIM** and **e-Wagon note CUV** based on Art. 6 § 9 CIM and Art. 14.2 GCU
  - New Appendix 1 GLV-CIM and GLW-CUV (functional specification)
  - Adaptation of Appendix 7a GTM-CIT and 1a GTW-CIT (legal specification)
  - Publication on 1<sup>st</sup> January 2017
- Implementation of the **EU Customs Code** by 1st May 2016
  - Approval in correspondence at the CIM Committee in October 2016 and publication on 1<sup>st</sup> January 2017
- Collaboration with RailData for finalising the technical specifications and their implementation in the eRailFreight Project of the UIC

# Electronic consignment note CIM / Wagon note CUV

## Appendix 1 GLV-CIM / GLW-CUV

### Principle (point 6)

- The consignment note / wagon note may be established in an electronic form. The procedures used must be equivalent from the functional point of view

### Functional specifications concerning the electronic form of the consignment note / wagon note

- Message flows
- Message content and rights of access to the data
- Printer output
- Mixed system
- Disruptions / Computer system downtimes

# Electronic consignment note CIM / Wagon note CUV: EDI contract checklist

## Appendix 7a GTM-CIT / 1a GTW-CIT

### Purpose of the EDI contract

- Conditions for making valid use of an electronic consignment note / wagon note relative to the CIM / CUU uniform rules
- Customer – transport undertaking and transport undertaking – transport undertaking relationships

### Legal specifications concerning the electronic form of the consignment note / wagon note

- Boilerplate clauses, comments for drawing up the EDI contract
- Scope
- Definitions
- Purpose of the EDI contract
- Contents, establishment and transmission of the electronic consignment note / wagon note
- Liability in the event of non-compliance with the obligations arising out of the EDI contract

# Electronic consignment note CIM / wagon note CUV: Message flows

Sub-sets functional and legal specifications for the electronic consignment note / wagon note between the carriers (Appendix 7b GTM-CIT / 1b GTW-CIT)

- Message flows
- Message content
- Printer outputs
- Mixed system checklist

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