eFTI implementation and latest developments

Intervention at “Multimodality in practice – challenges in the Western Balkans Region and the Belgian solution”, 14 December 2022

Villu Varjas, DG MOVE
Regulation EU No 2020/1056 on electronic freight transport information (eFTI) - key elements

**Information requirements**

**EU legislation**
- Regulation No 11/1960 on tariffs (Article 6.1)
- Combined Transport Directive No 92/106 (Article 3)
- Road Cabotage Regulation No 1072/2009 (Article 8.3)
- Waste Shipments Regulation No 1013/2006 (Articles 16(c) and 18.1)
- Dangerous Goods Directive No 2008/68/EC (chapter 5.4 of the Annexes to RID, ADR and AND)
- Aviation Security Regulation No 300/2008*
  - Implementing Reg. 2015/1998 (Article 2.2 (b))
- Rail Interoperability Directive No 2016/797*
  - If any future implementing or delegated act requires B2A information provision

**National legislation**
- Requiring information that is identical, in whole or in part, to that in EU legislation above mentioned (based on notifications by Member States to the Commission, cf. Art 2(2) eFTI Regulation).
eFTI Regulation implementation and application – Indicative timeline

**Entry into force**
Reg EU 2020/1056

**Preparatory work**
- DTLF
- DA expert group
- IA committee

**2020 - 2023**

**Aug 2020**
Entry into force

**Aug 2021**
Notification by MS of national legislation

**Feb 2023**
Adoption
- DA on eFTI data set & national requirements
- IA on common rules for authorities

**March 2024**
Adoption
- DA on rules for certification of eFTI platforms & service providers

**Aug 2024**
Application start date
(except for the obligation of MS authorities to accept eFTI data)

**Aug 2025**
Full application
(start of obligation of MS authorities to accept eFTI data)

**Feb 2029**
Review
- Need of obligation for economic operators
- Interoperability with other e-enforcement systems

**Aug 2023**
Adoption
- IA on eFTI platforms & service providers specifications
eFTI implementation specifications

Work on-going

• eFTI common data set and data subsets (≈ eFTI data model)
  • One subset = information requirements in each EU or national legal act in scope
  • Common data set = data elements common to more subsets included only once + common structure

• Functional and technical specifications for systems to be used by the authorities
• Functional and technical specifications for eFTI platforms to be used by economic operators
• Detailed requirements for eFTI service providers
• Rules for certification of eFTI platforms and service providers
**eFTI exchange environment – Simplified implementation architecture**

- **Member State A**
  - Authority Access Point 1
  - Authority Access Point n

- **Member State B**
  - Authority Access Point 1
  - Authority Access Point n

- **Member States C+D**
  - Authority Access Point 1
  - Authority Access Point n

**eFTI Gate**

**Economic operator**

**B2B e-information exchange**

**eFTI service provider**

**Own company system**

**IT service provider platform**

**eFTI platform (certified)**

**Competent authorities**
eFTI common data set and subsets

- Based on UN/CEFACT Multimodal Transport Reference Data Model
  - MMT is a Data Model that allows the development and systematic maintenance of (exchange oriented) data models by providing libraries of data, data groups, structuring of data, code lists; supporting their reuse and customisation.

- Mapping to and, where possible, alignment on definitions and formats with UCC and EMSWe data models
  - would allow economic operators, both those established within the EU as well as outside its borders, to record the data related to the transport operations and required under the UCC, EMSWe and eFTI regulations, only once and in the same format.

- Incorporation of data elements in dangerous goods data model endorsed by UNECE Working Party 15

- Integration of waste shipments data elements (based on data model specifications developed under the EU Waste Shipments Regulation)
eFTI Regulation in practice – Vision

1. Enter transport data
2. Generate unique shipment (eFTI) identifier
3. Transmit unique shipment (eFTI) identifier (B2B)
4. Read/edit data
5. Transmit unique (eFTI) identifier (B2A)
6. Officer identification & authorisation (access rights)
7. Data access request
8. Data retrieved
9. Transmit information to officer

ICT systems:
- EO’s own company system
- IT service providers
- eFTI platform / certification

eFTI Gate (national or regional)

Common eFTI data sets

Harmonised access procedures, rules and technical specifications for authorities

1. Enter transport data
2. Generate unique shipment (eFTI) identifier
3. Transmit unique shipment (eFTI) identifier (B2B)
4. Read/edit data
5. Transmit unique (eFTI) identifier (B2A)
6. Officer identification & authorisation (access rights)
7. Data access request
8. Data retrieved
9. Transmit information to officer

Halt for inspection

5’. Transmit human readable information (B2A)
Questions?
Thank you