UN/CEFACT e-CMR Project update
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CMR Background

- 1956 – CMR convention adopted
- 1976 – Model CMR consignment note developed by IRU, in cooperation with the International Chamber of Commerce (ICC)
- 2007 – Model CMR consignment note updated by IRU and is now used by most, if not all parties to contracts of carriage in CMR contracting countries.
CMR – Current process Flow

1. **Sender**
   - Sender prepares CMR contract
   - **red**: copy for the sender
   - **blue**: copy for the consignee (this copy accompanies the goods throughout the entire transport)
   - **green**: copy for the carrier

2. **Carrier**
   - On taken over the goods, carrier checks the accuracy of data in CMR (quantity of packages, condition of goods, their packaging and etc).
   - Carrier signs the CMR note (with reservations if needed)

3. **Consignee**
   - Consignee acknowledges the receipt of goods upon its verification.

CMR is prima facie evidence of the making of the contract of carriage, the conditions of the contract and the receipt of the goods by the carrier. CMR is obligatory document for international road transport in countries, which adopted CMR Convention.
e-CMR protocol adopted by 12 countries
e-CMR operations and pilots

- e-CMR operational in Netherlands since 2015
- France and Spain initiated pilots in January 2017
- Greece started pilots in June 2017
- Benelux Pilot starts in December 2017

Others in pipeline
Challenge: Interoperability of e-CMR solutions

CMR Convention
- Content of CMR
  - Date and time
  - Name and address of carrier, sender, consignee
  - The description of nature of goods, method of packing ...
  - Number of packages
  - Charges related to carriage
  - etc.

e-CMR Additional Protocol
- Set requirements for e-CMR. Parties shall agree on:
  - The method for issuance and delivery of e-CMR
  - An assurance that e-CMR retains its integrity
  - The manner in which the party entitled to the rights arising out of e-CMR is able to demonstrate that entitlement
  - etc.

First step: identify a list of vital messages for e-CMR, provide appropriate message model
UN/CEFACT e-CMR project deliverables

**e-CMR project deliverables:**

- Business Requirements Specification (BRS) for Electronic Road Consignment Note (e-CMR) based on the high-level MMT BRS
- Subset exchange syntax-neutral message structures for e-CMR
- XML schemas of the e-CMR messages
- Mapping to the relevant existing UN/EDIFACT UNSM (IFTMIN)

**e-CMR project supported by:**

**Project Team:**

- Project leader: Evgeniya Iafaev,
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- Experts:
  - Thierry Grumiaux
  - Gianguglielmo Calvi
  - Sue Probert
  - plus others
Current Project Status

• Draft e-CMR message model – work in progress
  
  Goal: Public Review launch by October 2017

• Business Requirements Specification
  
  public review completed

  Results of the Public Review are under revision
UN/CEFACT e-CMR project focus

1. Consignment Instructions
2. Issue of e-CMR and hands over of goods to carrier
3. Proof of Delivery
4. Status

* Changes based on BRS review

Transport Service Buyer (Sender, Consignor, Consignee)

Sender (Consignor)

Carrier

Consignee
1. Consignment Instructions

- Parties details (consignor, consignee, carrier etc)
- Included Consignment Items
- Acceptance / Delivery locations
- Etc

XML
e-CMR model

Sender (Consignor)  
Carrier

2. Issue of e-CMR and hands over of goods to carrier

Evidence of contract existence

XML

- Parties details (consignor, consignee, carrier etc)
- Included Consignment Items
- Acceptance / Delivery locations
- etc
- Carrier pickup event (Parties certification, used transport equipment, observations)
e-CMR model

- e-CMR Master Message
- Supply Chain Consignment
  - Included Consignment Item
  - Carrier Pick-Up Event
  - Consignee Delivery Event
  - Main Carriage Transport Movement
e-CMR model (contractual events)
e-CMR model: CMR Convention requirements taken into account

Each object in the eCMR structure has a unique Dictionary Entry Name plus a business short name for readability.

Based upon the UN/CEFACT Core Component Library (CCL), the MultiModal Transport Reference Data Model (MMT) and the Supply Chain Reference Data Model (SCRDM).
e-CMR model: Transit Declaration in Eurasian Customs Union and European Customs Union are taken into account
For more information

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