UN/CEFACT
UN Centre for Trade Facilitation
and Electronic Business

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UN/CEFACT Mission

Objectives
• Simple, transparent and effective processes for global business
• Efficient and automated exchange of information

Outputs
• Global Trade Facilitation and Electronic Business Recommendations and Standards

Means
• Public Private Sector Partnership – over 300 experts from government and business
• Meet virtually every week plus two Forums per year

Global Remit
Buy – Ship – Pay (BSP) Model

INvolves

- Prepare for Export
- Export
- Transport
- Prepare for Import
- Import

Commercial Procedures
- Establish Contract
- Order Goods
- Advise On Delivery
- Request Payment
- Packing
- Inspection
- Certification
- Accreditation
- Warehousing

Transport Procedures
- Establish Transport Contract
- Collect, Transport and Deliver Goods
- Provide Waybills, Goods Receipts Status reports etc.

Regulatory Procedures
- Obtain Import/Export Licences etc
- Provide Customs Declarations
- Provide Cargo Declaration
- Apply Trade Security Procedures
- Clear Goods for Export/Import

Financial Procedures
- Provide Credit Rating
- Provide Insurance
- Provide Finance
- Execute Payment
- Issue Statements
UN/CEFACT & Trade Facilitation

**TRADE FACILITATION**

- **Simplification**
  - Process of eliminating all unnecessary elements and duplications in formalities, processes and procedures.

- **Harmonization**
  - Alignment of national procedures, operations and documents with international conventions, standards and practices.

- **Standardization**
  - Process of developing internationally agreed formats for practices and procedures, documents and information.
UN/CEFACT Key Deliverables

• Over 30 Trade Facilitation Recommendations
  • Recommendation 1 – UN Layout Key for Trade Documents
  • Recommendation 4 – National Trade Facilitation Bodies
  • Recommendation 33 – Single Window

• Code List Recommendations
  • Recommendation 16 – UN/LOCODE
  • Recommendation 21 – Package Codes
  • Recommendation 28 – Means of Transport

• International Standards
  • UN/EDIFACT (directories, code lists, etc.)
  • Supply Chain Reference Data Model
  • Business Requirement Specifications
http://tfig.unece.org/
UN/CEFACT e-CMR Project

Evgeniya IAFAEV
Project Leader
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• Project status
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• e-CMR model (work in progress)
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:

- 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,
- Lead Editor: Rudy Hemeleers
- Editor: Bérengère Coupet Maisonnave
- 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

**Transport Service Buyer**
(Sender, Consignor, Consignee)

1. Consignment Instructions

**Sender (Consignor)**

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

**Carrier**

3. Proof of Delivery

**Consignee**

4. Status

* Changes based on BRS review
e-CMR model

1. Consignment Instructions

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

Sender (Consignor)

Carrier

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

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

- Carrier pickup event (Parties certification, used transport equipment, observations)

Evidence of contract existence
e-CMR model
e-CMR model (contractual events)
e-CMR model: Transit Declaration model of NCTS and of Eurasian Customs Union are 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).
For more information

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