ISO Technical Committee 204
Intelligent Transport Systems
April 24-29, 2016
Concord, CA, U.S.A.

CEFACT United Nations Transport / Logistics

Latest news

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UN / CEFACT Transport-Logistics Valencia 09-11 Mars 2016

- Meeting in conjunction with PROTECT - European Ports Association and IPCSA - International Port Community Systems Association, large participation (50)

- Reports on activities and common issues from SMDG (International User group of shipping lines and containers terminals), IMO (Fal Form maintenance), PROTECT, IPCSA, WCO (Data Model project), UN/ECE CEFACT Secretariat, DGMOVE European Commission, ITS Standardisation (ISO TC204 and CEN TC278)….

- MMT - Multi-Modal Transport Reference Data Model project *(see reminder in annex):* synergy with a new project SCRDM (Supply Chain Reference Data Model) to ensure an overall consistency of standard data model in the International Supply Chain

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- Other projects:
    - **VERMAS** (Verified Gross Mass): for containers to comply with IMO directive (reference to SOLAS) for application July 2016 – message EDIFACT then XML (already proposed by INTTRA)
    - SeDAP « Ship e-Documents Access Project » electronic access to certificates and and documents required on board of vessels, for facilitation of maritiume logistics. Agreement with IMO
    - e-BOD for Logistics: electronic Bill of Delivery (multimodal transport)
- Misc topics
    - **Single Window** and Trade Facilitation: exchanges of views from presentations of EU Maritime Single Window, IPCSA, IMO, Port of Rotterdam, Ports of Morocco…
    - e-CMR : one of the main project of the European DTLF porogramme – support from IRU (International Road Union)
    - Secure parkings for freight trucks: inititiative TRANSPark of IRU. Standardisation « Intelligent Truck Parking » within CEN TC278 (ITS)

ANNEX Reminder

Project MMT
Multimodal Transport Data Reference Model

- Issues to be resolved:

  - Standards too generic and flexible, difficult to implement

  - UN/CEFACT ebXML« CCL - Core Components » Library CCL containing several thousands of items related to all sectors: cumbersome to be understood and used by enterprises (SMEs..)

  - Need for a professional structured data base not only a dictionary on Excel sheet

Project MMT
Multimodal Transport Data Reference Model

- Objectives:

  - Develop a Standardized Semantic framework : implementation tool for Users as a subset of CEFACT Core Components applicable to Transport/ Logistics in the form of a structured data base, taking into account the securityt / safety aspects in relation with Customs

  - Links with the Transport EDIFACT messaging and other different standards / data dictionaries (TDED, ITIGG, GS1, WCO Data Model, UBL…..) ⟹ Interoperability

  - Cooperation with CORE European project (data pipeline concept)

  - Make easier data exchanges and standard mappings with different partners: Freight Forwarders, Carriers, Shippers; Logistics providers and other International Supply Chain actors especially SMEs…
  - The approach is similar to IATA CargoXML proven to be succesfull

Project MMT
Multimodal Transport Data reference Model

- **Deliverables**

  - Structured MultiModal Transport Reference Data Model
  - Semantics links with Transport UN/EDIFACT messaging and other standards (including Customs WCO, GS1,..) to support the need for increased interoperability
  - Guidelines to produce XML messages based on the UN/CEFACT NDR (Naming and Design Rules) and other methodologies

- **Current status and work plan**

  - Approved by the UN/CEFACT Bureau at Forum October 2014
  - Project team in place with 2 co-project Leaders
  - Open to any Expert willing to contribute: next working sessions: Birmingham 16 April and Paris 01-03 July 2015
  - Project completion by end 2016

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Thanks for your attention

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