UN/CEFACT 2023 Autumn Forum

Tuesday, 03 Oct 2023

T&L Domain – Dangerous Goods Project

Ships are burning as well as wagons...
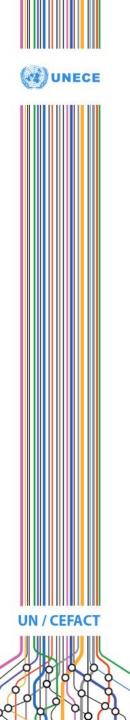
Dangerous Goods Project

Project Purpose

The UN/EDIFACT Dangerous Goods Notification message (IFTDGN) is an important message which has been widely implemented over the past 20+ years especially in the maritime sector where it the basis for communication between shipping lines and their agents to report dangerous goods and polluting and noxious substances on board of their vessels upon arrival in and departure from ports (part of the IMO FAL Compendium). However, over the past years, due to changes in legislation (such as UNECE and EU dangerous goods reporting requirements) and emerging business requirements there is now an urgent need for reporting additional data elements. Some of these additional requirements cannot be specified within the current IFTDGN UN/EDIFACT message definition. These additional requirements need to be included in the MMT RDM to support aligned implementation in other syntax technologies such as XML. In addition, the UNECE Transport Division's Dangerous Goods section has progressed work on establishing the basis of electronic exchange of dangerous goods message exchange. This work has not yet taken into consideration the UN/CEFACT Multi-Modal Transport Reference Data Model (MMT-RDM).

Dangerous Goods Project

Project Scope
Part A of the project shall update the UN/EDIFACT IFTDGN message definition to include the additional requirements as outlined above. Part B of the project shall map the identified additional data requirements to the MMT-RDM

Project Deliverables
Deliverable 1: BRS Deliverable 2: Updated UN/EDIFACT message definition for the IFTDGN UNSM Deliverable 3: XML schema with relevant submissions to the CCL and MMT-RDM

Challenges

- How important is this project?
- If important, then how to move forward faster?
- New project contributors needed
- Co-operation partners?
- Should we cover in principle everything as IMO Ref model expands?
- Intermodality and modal regulations
- Different language from regulators

Thoughts and Inputs?

- ICAO – IATA : DG COVID projects
- EU Maritime Single Window with its important 'e' for environment
- EU electronic Freight Transport Information system (eFTI)
- IMO and SOLAS extension
- UNECE Transport Division WP15 and its eDGTI data model
- UN/CEFACT is not the owner of the data; but it can be a catalyst & integrator to build the bridge between transport and trade, between goods and articles