

UN/CEFACT 2023 Autumn Forum

Tuesday, 03 Oct 2023

T&L Domain – IMO Ref Model Project

The logo for UN / CEFACT, consisting of the text 'UN / CEFACT' in a bold, blue, sans-serif font. This logo is positioned above a decorative graphic of a network of colored lines and nodes.

IMO Mapping Project

Project Purpose

The International Maritime Organization have published in 1965 the Convention of Facilitation of International Maritime Traffic (FAL). This convention contains standards and recommended practices on formalities, documentary requirements and procedures which should be applied on arrival, stay and departure of ships and ports. Standard forms were developed for these declarations. Over time, UN/EDIFACT messages were developed to correspond to each of these forms and integrated into the IMO FAL Compendium. This Compendium has developed the business processes associated with the flow of information relative to these forms. In recent years, IMO has approved a project to update the FAL Compendium and align it with their Single Window project. To this aim, they have developed an independent data model of the requirements from these forms which will be published in the new compendium. IMO has agreed to add annexes within the new Compendium which will provide mappings from this independent model to international standards including the UN Core Component Library, UN/EDIFACT and the UN/CEFACT Multi-Modal Transport Reference Data Model (MMT-RDM). The current project aims to create the mappings and updated guides to satisfy the request to complete these annexes to the IMO FAL Compendium.

IMO Mapping Project

Project Scope

The project shall update the UN/EDIFACT guides to correspond to the most recent IMO FAL Compendium and their independent data model. The project will also develop equivalent CCBDA message structures derived from the MMT-RDM plus the relevant XML schemas. No BRS will be developed as this is covered within the IMO FAL Compendium update project. Core Components and other artefacts may be requested as a submission to satisfy the requirements of the IMO FAL Compendium and in line with the UN/CEFACT principle of 'semantic hub.'

Project Deliverables

The project deliverables are: a) Updated UN/EDIFACT guides for the FAL messages b) Equivalent CCBDA message structures derived from the MMT-RDM c) XML schema based on the CCBDA message structures

Challenges

- New project contributors needed
- Should we cover in principle everything as IMO Ref model expands?
 - what about the passenger security data sets?