

37th UN/CEFACT Forum

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Transport & Logistics Domain

IMO eFAL Project

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IMO eFAL Project Status

- Timeline of the project has expanded due to the extension of the IMO Data Reference Model with Ship Reporting- & Certificates-data elements
 - Mapping of these (new) data sets will be planned within MMT
 - (open) Discussion needed how to cope with the UN/CEFACT-project timeline w.r.t. the continuing process within IMO Expert Group in extending the IMO Data Reference Model
- Specific session conducted on mapping for an MMT-subset w.r.t. the Maritime Declaration of Health (MDH)
 - Goal = to build specifications + MIG for a new 'MDH-message' (syntax outputs: XML and JSON API?)

IMO Expert Group on Data Harmonisation (EGDH)

- Since July 2019, the IMO Expert Group on Data Harmonization (EGDH) is responsible for the technical maintenance of the IMO Compendium and for further expanding its data set and data model to areas beyond the FAL Convention, including exchange of logistics and operational port and shipping data.
- For the 3 Partnership Agreement Signatories UNECE, ISO and WCO supporting the EGDH work means attending 6 week long F2F or online calls plus 6-10 additional data modelling days
- Question – Should UNECE/CEFACT continue to support all data set extensions of the IMO Compendium Reference Model to be mapped under MMT?
- Question – we have 4 experts to date but would any additional T&L experts be willing to join the EGDH work to support the UNECE/CEFACT delegation?

UN/CEFACT IMO eFAL

MMT RDM subset covering:

- 1-7 IMO FAL Forms
- Security Declaration
- Waste Declaration
- Maritime Declaration of Health (MDH)
- Stowaways
- Ship Certificates

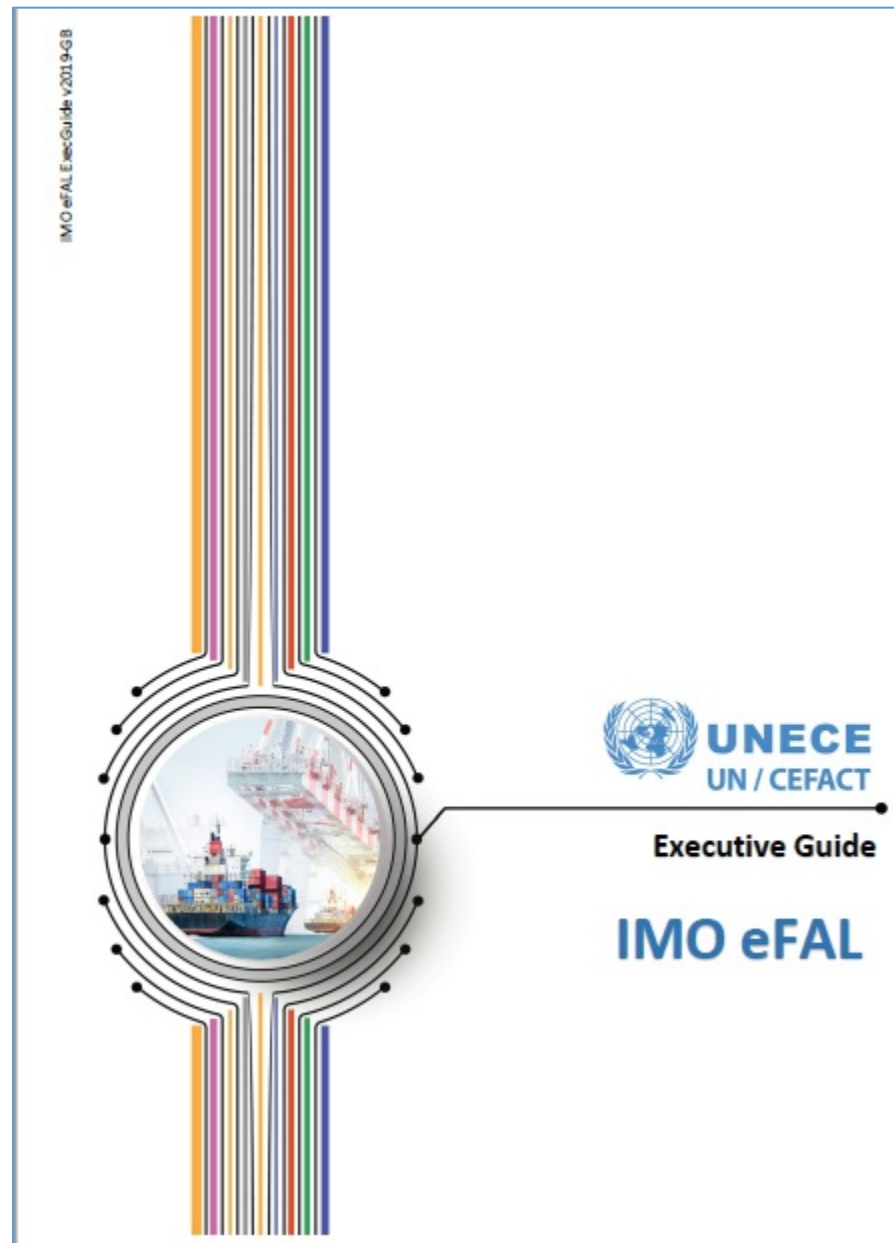
plus future:

- Ship Reporting
- Maritime Services
- more?

UN/CEFACT IMO eFAL Executive Guide

Available from UN/CEFACT
[Streamlined Standards Page](#)

https://www.unece.org/fileadmin/DAM/cefact/GuidanceMaterials/ExecutiveGuides/IMO-eFAL-ExecGuide_Eng.pdf



IMO FAL Compendium Reference Model

- Published on IMO website in excel and html at
- <https://svn.gefeg.com/svn/IMO-Compendium/Current/index.htm>
- html publication includes section on Syntax mappings to a) UN/CEFACT MMT RDM, b) ISO 28005 schema and c) WCO DM (to be developed)

IMO Compendium

- Preamble of FAL.5/Circ.44
- History
- Read me

Compendium

- Purpose and use
- IMO Data set
- IMO Reference data model
- Implementation business rules
- Codes maintained by IMO

▸ Syntax mappings

- Overview of changes

IMO Compendium on Facilitation and Electronic Business

> Syntax mappings

Annex 1: World Customs Organization (WCO) Data Mapping

(To be developed)

Annex 2: United Nations Economic Commission for Europe (UNECE) Data Mapping

XLS Guideline Structure:

[https://service.unece.org/trade/uncefact/publication/Transport and Logistics/MMT IMO FAL Guide_UNECE/XLS/GuidelineStructure.xlsx](https://service.unece.org/trade/uncefact/publication/Transport%20and%20Logistics/MMT%20IMO%20FAL%20Guide_UNECE/XLS/GuidelineStructure.xlsx)

XSD Schema:

[https://service.unece.org/trade/uncefact/publication/Transport and Logistics/MMT IMO FAL Guide_UNECE/XSD/Schema.zip](https://service.unece.org/trade/uncefact/publication/Transport%20and%20Logistics/MMT%20IMO%20FAL%20Guide_UNECE/XSD/Schema.zip)

HTML Guideline:

[https://service.unece.org/trade/uncefact/publication/Transport and Logistics/MMT IMO FAL Guide_UNECE/HTML/index.htm](https://service.unece.org/trade/uncefact/publication/Transport%20and%20Logistics/MMT%20IMO%20FAL%20Guide_UNECE/HTML/index.htm)

Executive Guide

https://www.unece.org/fileadmin/DAM/cefact/GuidanceMaterials/ExecutiveGuides/IMO-eFAL-ExecGuide_Eng.pdf

Annex 3: International Organization for Standardization (ISO) Data Mapping

<https://standards.iso.org/iso/28005/-2/ed-2/en/>

