



ONE Record data model

Release note

Version of November 2020

This ONE Record data model release is the result of the work achieved by the dedicated task force since the last version endorsed by the COTB in June 2020.

In order to guarantee its results, the task force has been working uninterrupted since the beginning of COVID-19 crisis by having regular weekly online meetings. The scope of the Data Model has been widely extended compared to previous version endorsed by the COTB.

Deliverables

The deliverables of this release summarize the latest progress of the dedicated task force, they include:

- The ONE Record data model Design Principles, version 2.0
- The ONE Record conceptual data model, version of 20th November 2020
- The ONE Record logical data model, version of 20th November 2020

All the documents will be hosted on the ONE Record GitHub space: <https://github.com/IATA-Cargo/ONE-Record>

Scope of the release

This release includes many improvements since the last version in April 2020, they are expressed below:

- Overall improvements of the Core ontology, including review of the security declaration requirements
- Improvement of the Cargo Distribution integration
- Integration of Shipper's Letter of Instruction data elements
- Integration of ULD Tracking requirements as provided by the ULD Board Management
- Integration of IoT Devices and sensors data elements following requirements provided by the Interactive Cargo Recommended Practice
- Integration of Dangerous Goods data elements
- Coverage of Pharmaceutical products requirements
- Integration of Live Animals data elements linked to CITES ePermit and Shipper's certification for live animals

Comments

As with previous releases of the Data Model, this is still a work in progress and improvements can, and will, be made after the endorsement by the COTB. Especially we aim to propose the next version during H1 2021.