MEMORANDUM
CSC/Notif/008/2020

TO:	All Members of IATA Cargo Services Conference Accredited Representatives and Alternates
CC:	Cargo Procedures Conferences Management Group (CPCMG) Cargo Operations and Technology Board (COTB) Members – IATA/FIATA Consultative Council (IFCC) Members – IATA Strategic Partners IATA Cargo Managers
FROM:	Secretary, Cargo Services Conference
DATE:	08 July 2020
SUBJECT:	Recommended Practice 1690 – 2020 standard revision

With reference to Recommended Practice 1690, a proposal to amend the Appendix 'A' agreed by the Cargo Operations & Technology Board (COTB). The materials are available here: https://github.com/IATA-Cargo/ONE-Record/tree/master/March-2020-standard-COTB-endorsed

ONE Record is a standard for data sharing and creates a single record view of the shipment. This standard defines a common data model for the data that is shared via standardized and secured web API. The standard specifies:

- Data model specification: provides the air cargo industry with a standard data structure for data exchange using JSON-LD that facilitates data integration with existing and new data services;
- API specification: specifies the interface and interaction of the web API or Application Programming Interface that allows airlines and their partners to connect their system directly using best in class web technologies;
- Security specification: uses an industrywide and federated trust network to manage identification and authentication of data sharing systems and ensures data privacy and confidentiality for all parties.

Any IATA Member may, within 30 days after the circulation of this Memorandum, protest these amendments by informing the undersigned with specific reasons for the protest.

If no protests are received by the close of business on **8 August 2020**, the proposed amendments will become effective.

SECRETARIAT NOTE: Additional information on the ONE Record standard can be found on the http://iata.org/one-record page

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SUMMARY OF THE AMENDMENTS to the Appendix 'A' of the Recommended Practice 1690

Amendments have been agreed as follows:

Data Model specifications:

1. Refinement of the Conceptual data model with clearer semantic links between Logistic Objects
2. Review of objects: identification and definition of attributes, removal of redundancies
3. Creation of Waybill object – removal of House_Waybill, House_Manifest, Air_Waybill and removal of all redundancies
4. Removal of Logistics Components, Piece_Grouping, Transport_Status objects
5. Integration of Cargo Distribution data elements (Quote & Book process)
6. Integration of CO_2 Emissions data elements
7. Verification of PLACI/ICS2 requirements and data elements
8. Improved usage of Events to records statuses and events of objects

API specifications:

1. Define scenarios for publisher/subscriber process
2. Define the notification model for the publisher/subscriber scenario
3. Define publisher/subscriber specifications for a multi-party scenario
4. Define specifications for company identifier in the Internet of Logistics
5. Define Access Control scenario and models for accessing Logistics Objects
6. Define scenarios for the access delegation
7. Define the models for the delegation flow
8. Create specifications for the status update of the Logistics Objects via events
9. Add specifications on updating Logistics Objects with PATCH and the necessary models
10. Define the concept of audit trail and its respective models
11. Define the content of an error model used for API related errors

Security specifications:

1. Provide further details on the security specifications
2. Add proposal for handling token leakage

More detail on the materials can be found here: https://github.com/IATA-Cargo/ONE-Record/tree/master/March-2020-standard-COTB-endorsed