



## ATA e-BUSINESS PROGRAM

### Active Project List

The following is an overview of ATA e-Business Program projects along with their status and links to their respective working groups/teams. Links to working groups/teams are only accessible by ATA e-Business Program Members. To learn more about becoming a members, visit <http://www.ataebiz.org>.

#### **Next Generation Technical Data Standards (S1000D)**

The Civil Aviation Working Group (CAWG) has submitted Change Proposal Forms (CPFs) for the civil aviation requirements that it would like to include in [S1000D](#) Issue 4.1, scheduled for release in mid-2010. CAWG representatives are working with the S1000D Steering Committee, Working Groups, and Task Teams to further develop and gain approval of these change proposals. Issue 4.1 will complete the major modifications to S1000D required to support civil aviation requirements.

In addition, the CAWG Business Project Team (BPT) has developed an ATA specification, "Business Rules for Implementation of S1000D in the Civil Aviation Industry." This specification provides the civil aviation business rules for the designated S1000D project-specific decision points. The current version of this specification is based on S1000D issue 4.0.1 and will be updated with each subsequent S1000D issue. This specification is available for free download for ATA e-Business Program members.

#### **Information Security Standards and Web Seminars**

The Digital Security Working Group (DSWG) has completed Revision 2010.1 of [Spec 42](#), Aviation Industry Standards for Digital Information Security. The revision is currently under review by the ATA e-Business Steering Group and, upon approval, will be published. Changes to the specification in this revision include:

- Renamed the Individual / End-Entity / Organizational Certificate Policy to "ATA DSWG Reference Certificate Policy"
- Merged the Secure ACARS CP into the Reference CP
- Removed high-assurance level, since in practice it is reserved for national security uses, which are outside the scope of civil aviation
- Removed the "organizational signature" certificate profile and adopted a "role signature" profile and related requirements to be used instead.
- And more....

The DSWG has developed a series of "New Generation Aircraft Information Security Web Seminars" to help raise awareness about new generation aircraft information security requirements and to provide guidance to help companies implement the information security infrastructures needed to support these aircraft. The first of these was presented on July 7, 2009 and covered the topic of Gatelink. The next was presented on October 30 and was entitled, "Securing the Connected Aircraft." The group is currently working on the next webinar to be entitled, "Securing the Electronic FAA Form 8130-3". Visit the [DSWG](#) to learn more or to join the effort.

#### **Electronic Logbook Standards**

The e-Logbook Project Team expects to publish version 2.03 of the specification in early 2010, and work towards publishing version 3.0 either in late 2010 or 2011 ([Spec 2000, Chapter 17](#)). This model identifies the various fields and formats for development of e-Logbook data that both supports reliability data analysis, and supports the various record keeping requirements and variations that the different operators have within their Logbook systems. The team is currently primarily focused on the specification for "interoperability" between systems, allowing movement of critical logbook data from

one system to another in a standardized manner. The first production release of the interoperability specification is expected to be released in early 2010. Visit the [e-Logbook Project Team](#) to learn more or to join the effort.

### **Information Standards for Flight Operations Data**

Revision 2009.1 of [Spec 2300](#), Information Standards for Flight Operations, was published in October, 2009. This revision includes guidelines for both mechanical and software systems, as well as revision and applicability metadata. The 2010.1 revision is targeted for September 2010 and will include the following Dispatch Data items:

- Dispatch Item (MMEL)
- CDL Item
- MMEL M&O Procedures
- General information (e.g., ToC, preamble, definitions, LEDM, etc.)
- System fault / MMEL cross-reference data

Visit the [Flight Operations Interest Group](#) to learn more or to join the effort.

### **Enhanced Industry Performance Metrics**

The Industry Performance Metrics Project Team (IPMPT) develops and maintains a set of supplier performance metrics with a common set of ground rules and defined parameters. These metrics are particularly aimed at product/customer support functions such as parts delivery, warranty process, repair process, reliability, product support and technical issue resolution. The team's current focus is parts delivery metrics with both updated definitions and an XML exchange specification which is expected to be released in [Spec 2000, Chapter 13](#) in the first quarter 2010. Visit the [IPMPT home page](#) to learn more or to join this effort.

In a separate but related effort, the [Reliability Metrics Sub-team](#) plans to release a major expansion of metrics definitions in the first quarter of 2010, including a number of aircraft delay metrics.

### **XML Standards for MMEL**

A new MMEL XML Project Team has been launched as a subgroup of the Flight Operations Interest Group (FOIG). The purpose of the MMELPT is to develop the Dispatch Data components of [Spec 2300](#). The MMELPT has held several face-to-face and web/phone meetings, during which the group agreed to the scope and deliverables to be covered, developed a work plan, and reviewed proposals for Dispatch Item and CDL Item data requirements. The FOIG Schema Team has developed the Dispatch Item XML Schema based on these discussions. The next meeting is scheduled for January 26-29 in Costa Mesa, CA, where the group will continue development of the Dispatch data requirements. Visit the [MMEL XML Project Team](#) to learn more or to join the effort.

### **Repair Administration Project Team**

The Repair Administration Project Team (RAPT) is tasked with the development of a suite of XML messages for management of the repair order process. Included will be quotation, work scope, repair purchase order, shipment, finalization of the teardown report and invoicing. The first specification is expected to be released in 2010 in [Spec 2000, Chapter 7](#). Visit the [RAPT](#) to learn more or to join the effort.

### **Warranty Administration**

The Warranty Project Team (WPT) is tasked with the development of a suite of XML messages for management of the warranty process. This project is just starting and expects to develop a specification during 2010. This project's output will be part of Spec 2000 Chapter 14. Visit the [WPT](#) to learn more or to join this effort.

### **RFID Tags on Aircraft Parts**

The RFID on Parts Project Team published the RFID Table of Contents and RFID on Parts specification, which is Spec 2000 Chapter 9-5. ([Spec 2000, Chapter 9](#)) This chapter specifies what kind of information is shown on the RFID tag and how it is organized. This team is also interfacing with ISO and EPCglobal to ensure cross-industry standardization. Visit the [RFID on Parts Project Team](#) to learn more or to join the effort.

### **Supply Chain Management Project Team**

The Supply Chain Management Interest Group (SCMIG) expects to make minor changes to [Spec 2000](#) including an XML/EDI conversion guide will help highlight key choices that must be made when converting from XML to legacy formats; expanding the business description for using XML, and the development of an RFID parts delivery tag format. Visit the [SCMIG](#) to learn more or to join the effort.

### **XML Strategy for Quality, Consistency and Best Practices**

The XML Project Team (SMLPT) has established an XML technical strategy to apply across all the functional areas of the ATA e-Business Program. Currently, the group is developing an XML Schema Design and Best Practices guideline for ATA e-Business teams to ensure consistency and application of XML across the ATA e-Business Program scope.

### **Regulatory Documentation Interest Group**

The Regulatory Documentation Interest Group (RDIG) expects to release an update to [Spec 2000 Chapter 16](#) in early 2010, to incorporate changes to regulatory data related to the FAA Form 8130-3 and EASA Form 1. Additionally, a project team will begin development of electronic formats of the FAA 8110 and 337. Visit the [RDIG](#) to learn more or to join the effort.

### **Reliability Interest Group**

The Reliability Interest Group (RIG), in conjunction with the Traceability Interest Group expects to release an XML version of [Spec 2000, Chapter 15](#), Delivery Configuration Data which will facilitate customer's ability to populate their maintenance part tracking systems upon receipt of an aircraft. Visit the [Reliability Interest Group](#) to learn more or to join the effort.