

October 4th, 2006

Report of the AOC Standardization **Teleconference 23** held on **26 September 2006**

In attendance were:

Dirk Zschunke, LH - chairman	
Andreas Ritter, LH	
Ulf Jahr, LH Systems	
Beka Teklu	
Roy Oishi, IA staff	
Mike Rockwell, IA Staff	
Frederic Durand, Airbus	

Introduction

Dirk Zschunke moderated a 1.75 hour teleconference concerning the development of an AEEC Standard for AOC message definition. This teleconference was held from 1500 - 1645 UTC.

Agenda

Item	Topic
1	Admin - Report and Action Items
2	Review Strawman 17f for PP633
3	Review Schema
4	Plan for Draft 2 of PP633
5	Review new Action Items and Close

Review of June Telecon 22 Report

Dirk Zschunke conducted a brief review of the teleconference 22. Action Item #89 was closed. The updated Action Item list is attached to this report.

Discussion of Fuel Provider Code List

As agreed in the previous teleconference, the fuel supplier list should be published as a Technical Application Bulletin independent of the Manufactures list. Andreas Ritter proposed to point to the organization who assigns the codes for the fuel supplier companies within the TAB. The TAB should also include a remark that it is for information only and that the updated, currently valid list is available from the issuing organization. Dirk Zschunke took the action to identify this organization and to clarify the update process.

Review of Strawman 17f to Project Paper 633

During review of strawman 17f a commentary was added in section 2.3.1 to explain why lower case is not supported for file and path names. All other changes in chapters 1 and 2 have been approved. The telecon attendees agreed to make the security chapter 3 for information only. It

should be used as guidance for application designers regarding security requirements and refers to the work to be done for supplement 1.

During the review of the schema definitions for M633 headers Dirk Zschunke pointed out that the supplementary header definition has to be corrected as it currently allows both missing FlightId and FlightNum data. Frederic will update the schema definition accordingly. Frederic also confirmed to create examples for all XML messages and provide them for publication within 10 days.

In section 5.4.5 it was identified that the text description of the Flight plan fuel header is still inconsistent with the schema definition. Frederic Durand was asked to provide an updated section by October 5th.

The definition of the FRCSUB/FRCACK messages in chapter 6.3 have been identified to not yet reflect the changes agreed during the AOC SC meeting in Dreieich and were updated by Frederic during the telecon.

In section 10.2.10, the signature attribute @date was replaced by @timestamp. The type is unchanged as "dateTime". Section 10.4 was edited to contain the revised definition of EFD and EFU services which are related to possible sources and sinks for an EFF.

Synchronous/asynchronous use of the EFD, EFU and EFF services has been discussed more extensively. It was agreed to add a commentary to clarify the meaning of those terms with regards to the application and the transportation level. Other EFF issues discussed bilaterally between Airbus and LH Systems were reviewed and the results have been accepted to be part of the document (e.g. use of the priority flag).

The edited version will be issued as strawman 17g. It will be provided to the IA staff and posted to the AOC web page. It will also be used to prepare Draft 2 of Project Paper 633.

New Action Items

One new action item #90 is contained in the attached action item list.

Next Teleconference

The schedule of the second Tuesday of each month will continue. Telecon 24 is scheduled for October 10, 2006 at 1500 UTC. The primary objective will be the review of the modifications to the schemas and examples as well as the discussion of additional comments based on strawman 17g.

Next Meeting:

The next meeting of the AOC Standardization Subcommittee is scheduled for November 14-16 in Singapore. Singapore Airlines will host.

This report was prepared by Dirk Zschunke.

ATTACHMENT 1

Telecon 22 - Action Items List

Table 1: Action Items - August 2005 Meeting		
#	DESCRIPTION	STATUS
01		Closed
02	Jocelyn Desciallot and Mike Russo will explore the alternatives for AEEC subcommittees that would be candidates to define the IP-based air-ground protocol(s). Jocelyn and Frederic Durand will work with the activity that performs this task to ensure that the formats and protocols satisfy the requirement of the AOC Subcommittee.	Open
03 - 06		Closed
07	Frederic Durand and Mike Russo will designate end-to-end or air-ground coverage in paragraph to Section 3.2. The input will assign proposed dates when the security function should become available through the supporting infrastructure.	Open
08 - 14		Closed
15	Frederic Durand will propose a Database Activation Service message and associated processes. This input is expected in September 2005. Delays in initiating the development effort suggests that a mature definition may need to be incorporated into ARINC 633 with Supplement 1. However, due to the urgency of the availability of this application, work will start as soon as possible.	Open
16 - 26		Closed

Table 2: Telecon 11-12 Action Items		
#	DESCRIPTION	STATUS
27-31		Closed

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Table 3: December Meeting Action Items		
#	DESCRIPTION	STATUS
32 - 33		Closed
34	Dirk Zschunke will check with Star Alliance airlines regarding if they current use ACARS de-icing messages. And, if so, which routing (which entity owns and maintains the de-icing supplier addressing table) they favor. Dirk will check with de-ice companies and authorities as well. Dirk has sent a request for information to Star airlines but has received no response.	Open 04/25/06
35 - 40		Closed

Table 4: Telecons 15 - 17 Action Items		
#	DESCRIPTION	STATUS
41 - 49		Closed
50	Frederic Durand will work with Dirk Zschunke and Andreas Ritter to develop a Loadsheet and Trimsheet schema to Chapter 5.	Open
51 - 57		Closed

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Table 5: Meeting 25-27 April 2006 Action Items		
#	DESCRIPTION	STATUS
58	Frederic Durand will clarify the Get and Put functions for eFF. Section 10.4.3.1 is affected. Define the service today and work on the Get/Put functionality further. Define the service today and work on the Get/Put functionality further. This material may be entered in Chapter 2.	Open
59-63		Closed
64	Dave Knerr took an action item to review the schemes for NOTAMs and text weather within the FAA, CAAs or RTCA/Eurocae that are defined in XML formats.	Open
65		Closed
66	Ulf Jahr and Frederic Durand will check on the length of filenames that are used on various media that could be used for loading AOC data.	Closed
67		Closed

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#	DESCRIPTION	STATUS
68-71		Closed

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#	DESCRIPTION	STATUS
72	Paige Martino was asked to evaluate the capability of OpenPGP to satisfy the needs for physical link (USB Memory Stick) data transfer.	Open
73	Frederic Durand will evaluate the LH Systems proposal for the use of OpenPGP and provide recommendations with a rationale based on the implementation implications.	Open
74	Frederic Durand will evaluate how to integrate a global signature for the eFF application?	Open
75	Two signatures are needed in some cases. Frederic Durand will modify the eFF schema to allow for multiple signatures for a document.	Closed
76	Frederic Durand will check for consistency among the eFF schema signature and the ATA e-LogBook signature definition.	Open
77	Frederic Durand will update the EFF, FlightPlan and Topic schemas according to the changes documented in the Excel files.	Closed
78	Ulf Jahr will provide a detailed definition of the proposed enc.xml file for OpenPGP.	Open
79	Andreas Ritter and Frederic Durand were asked to evaluate parameter definitions/alignment of the 821 and 633 Appendix D parameter lists for 633-0	Closed
80	Mike Russo and Franklyn Young-Martos should investigate with AEEC whether requirements could be tagged in future documents.	Open
81	Frederic Durand will revise the XML schemas to be consistent with the naming rules	Closed 9/12/2006
82	Frederic Durand will provide text and proposed schema for a dedicated EFF request service.	Closed 9/12/2006
83	Dirk Zschunke to clarify parameter/element names for fuel and time values based on Andreas' proposal.	Closed 9/12/2006
84	Patrick McCusker was asked to propose a list of applications to be considered for standardization for the next AOC SC meeting.	Open
85	Frederic Durand will answer the SIA questions on the fuel chapter and add additional explanations to the corresponding sections, if deemed necessary.	Closed 9/12/2006

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86	The group was asked to revisit the character set to be used for file and path names for physical media. Ulf Jahr will check the maximum length for file and path names as well as the latest CD/DVD file systems.	<u>Closed</u> <u>9/19/2006</u>
87	Dirk Zschunke will provide basic definitions for SIGMET and NOTOC XML schemas for integration into Chapter 5.	Open
88	Andreas Ritter to rearrange Chapter 5 to reduce the number of levels of indenture.	<u>Closed</u> <u>9/12/2006</u>
89	Frederic Durand and Ulf Jahr will discuss the comments on EFF submitted by LH Systems bilaterally.	Closed 9/26/2006
90	Dirk Zschunke will identify the organization assigning fuel supplier codes and will coordinate the update process of the TAB for fuel supplier codes.	Open