

May 9, 2006

## Report of the AOC Standardization Teleconference 18 held on 9 May 2006

In attendance were:

Andreas Ritter, LH Chairman pro tem	Frederic Durand, Airbus
Nicolas Teot, Air France	Therin Dastrup, Honeywell
Ulf Jahr, LH Systems	Mike Russo, IA Staff

### Introduction

Andreas Ritter sat in as pro tem Telecon Chairman. Andreas moderated a 2 and one half hour teleconference concerning the development of an AEEC Standard for AOC message definition. This teleconference was held from 1500 - 1730 UTC.

### Agenda

Item	Topic	Handout
1	Admin - Report and Action Items	
2	Review Strawman 16b for PP633	Strawman 16b
3	Discussion as needed on EFF, Chapter 10	
4	Select date for next AOC Meeting	
5	Review new Action Items and Close	

### Review of April AOC Meeting Report

Mike Russo conducted a brief review of the previous meeting and an update of the status of Action Items. No Action Items were closed. The list of active Action Item list is carried forward (attached). No new action items were added during the teleconference.

### Review of Strawman 16b to Project Paper 633

Frederic Durand led the group in a detailed review of Strawman 16b. Frederic made changes on-line as the review progressed and took new action items to replicate a number of global changes that affected several sections of the document. The telecon recommended that, acronyms should be written in upper case when coding the parameter names in message fields. Some abbreviations will also be coded in upper case, specifically the word identification will be abbreviated 'ID' rather than 'Id' or 'id'. Frederic annotated the draft Strawman 16c to reflect changes such as this and other clarifications that were requested but would take too much time to enter over the course of a telecon. Mike Russo mentioned that a new Infra-red process of de-icing (Chapter 11) is being introduced. He suggested that, time permitting, the coding of the De-Ice Type field be re-examined to allow an entry for this method when it becomes available. There was insufficient time available to pursue this topic.

### Discussion of New Chapter 10

Strawman 16b contains a number of changes that were generated by Ulf Jahr and reviewed at the previous meeting in Louisville (25-27 April). A number of additional refinements were made at the meeting. Telecon 18 went beyond the stated length of the call with a substantial amount of work remaining. The group discovered that a large number of detailed changes remain to be negotiated among Airbus and LH Systems. The group determined that the most expeditious means to resolve these details would be for Airbus and LH Systems to meet and resolve as many as possible of these details. The outcome of this process will be submitted for consideration at Telecon 19.

### **New Action Items**

No new action items were issued. Attachment 1 contains the carryover action items from previous teleconferences and AOC Subcommittee meetings. Andreas Ritter volunteered to submit a series of editorial changes for Strawman 16c. Mike Russo will convert the resulting file into a format more compatible with its final publication form. Frederic Durand will then integrate the action items from Telecon 18. This will complete Action Item #65.

### **Next Teleconference**

The schedule of the second Tuesday of each month will continue. Telecon 19 is scheduled for June 6th, 2006 at 1500 UTC. Telecon 20 is tentatively scheduled for June 11, also at 1500.

### **Next Meeting:**

The next meeting of the AOC Standardization Subcommittee was tentatively scheduled to be held July 18-20 in Germany (location to avoid co-location with the World Soccer games). Lufthansa will host. However, vital participation from Air France and Airbus made this choice untenable. After casting out a number of alternate dates the choice was made to schedule the meeting on 22-24 August. This date will force the adoption of Project Paper 633 to be conducted via mail ballot. There will be a minimum of 30 days for AEEC voting using this method.

This report was prepared by Mike Russo, IA Staff.

ATTACHMENT 1

**Telecon 18 - Action Items List**

<b>Table 1: Action Items - August 2005 Meeting</b>		
<b>#</b>	<b>DESCRIPTION</b>	<b>STATUS</b>
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

<b>Table 2: Telecon 11-12 Action Items</b>		
<b>#</b>	<b>DESCRIPTION</b>	<b>STATUS</b>
27-31		Closed

ATTACHMENT 1

Table 4: 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 - 38		Closed
39	Frederic Durand will prepare text for Section 2.3 to describe file naming conventions to ensure compliance with ARINC 665.	Open
40	Alain Folny will develop a separate schema to identify topic definitions to enable the list of topics to be expanded with time without undue constraints. Airlines were invited to submit additional topic names to Alain. Alain will split the NOTOC topic into the DG (dangerous goods) part and the OTHERS part in accordance with IATA AHM.	Open

Table 5: Telecon 13 Action Items		
#	DESCRIPTION	STATUS
41 - 47		Closed

Table 6: Telecon 15 Action Items		
#	DESCRIPTION	STATUS
48 - 49		Closed
50	Frederic Durand will work with Dirk Zschunke to develop a Loadsheet and Trimsheet schema to Chapter 5.	Open
51		Closed

ATTACHMENT 1

#	DESCRIPTION	STATUS
52 - 55		Closed

#	DESCRIPTION	STATUS
56	Airbus ( <b>Frederic Durand</b> ) and Lufthansa ( <b>Dirk Zschunke</b> ) will work to re-evaluate the safety status (minor hazard?) of Fuel Type and De-ice Liquid Type.	Open
57		Closed

#	DESCRIPTION	STATUS
58	<b>Frederic Durand</b> 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	<b>Frederic Durand</b> was asked to provide details on the rationale for the use of the term “part number” that is affixed to eff files.	Open
60	<b>Frederic Durand</b> received multiple action items for revisions to the EFF definition of Chapter 10. As industry editor Frederic was asked to integrate the subcommittee recommendations into the strawman.	Closed 04/27/06
61a	<b>Frederic Durand</b> was asked to raise the issue of whether or not ARINC 665 will be defined as the mechanism for validation of integrity for ARINC 633 AOC messages.	Open
61b	<b>Frederic Durand</b> will prepare new text to be added to Section 2.4 to clarify which changes have to be made to document ARINC 665 provisions for extended part numbering and ARINC 665 signature.	Open
61c	<b>Frederic Durand</b> will develop ARINC 665 coding examples for Section 2.5.	Open
62	<b>Andreas Ritter</b> will coordinate the parameter list held in PP633 Attachment D with the chairman of the Aircraft Networks and File Server (ANFS) Subcommittee. In parallel, <b>Mike Russo</b> will coordinate the parameter list with the IA secretariat of the ANFS Subcommittee.	Open
63	<b>Dirk Zschunke</b> will research the list of international fuel suppliers (refer to Tables 6.3.2.1 and 6.3.3.2) in order to determine if a reference should be entered into PP633 or if PP633 should include a table of fuel suppliers. The objective is to avoid duplication, but the AOC SC concluded that unique identifiers were not mandatory.	Open

ATTACHMENT 1

64	<p><b>Dave Knerr</b> 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.</p>	Open
65	<p><b>Mike Russo and Frederic Durand</b> will coordinate an effort to convert the strawman to a format that is close to the formal AEEC draft format to minimize conversion errors in the gray cover publication following adoption.</p>	Open
66	<p><b>Ulf Jahr and Frederic Durand</b> will check on the length of filenames that are used on various media that could be used for loading AOC data.</p>	Open
67	<p><b>Frederic Durand</b> was asked to determine if stage (formerly phase) of flight is to be used. Refer to Section 10.2.7 of Strawman 15a.</p>	Open