

Report of the DLK Teleconference 3 held on 5 December 2007

In attendance were:

Frederic Durand, Airbus	Tom McGuffin, Honeywell
Andrew Onken, ARINC	Mike Russo, IA Staff
Kevin Heffernan, Delta Air Lines	Eric Mehn, SITA
Alexandre Simonin, Eurocontrol/ALTYS	Rob Morgenstern, MITRE
Patrick Delhaise, Eurocontrol	Ron Abeel, Spectralux Corp.
Augustin Gheorghe, Eurocontrol	Jim Scroggs, Rockwell Collins
Nick Witt, Eurocontrol	Alain Bothorel, Rockwell Collins France
Therin Dastrup, Honeywell	Bill Calderhead, Universal Avionics

Introduction

DLK Systems SC chairman Joe Slavinsky was unable to attend this telecon. Secretary Mike Russo moderated a 1.5 hour teleconference concerning the development of an AEEC Standard for ARINC 631. This teleconference was held from 1600 - 1730 UTC.

Agenda – DLK Sys Telecon 3, 5 December 2007

1	Admin – Reports and Action Items	
2	Review of RCF proposed text for Autotune provisions and to include the airport frequency selection through FSL with the FSL restricted to a single frequency entry and multiple ground station entries.	
3	Revisit previous drafts of Chapters 4, 7, and 9 and Attachment 2 if needed	
4	Action Item summary, if any	
5	Close – Revisit Action Items	

1] Administrative

Mike Russo conducted a brief review of the previous DLK telecon (Telecon 2) held on 27 November 2007. There had been a consensus favoring random selection of the frequency/ground station entries in the FSL. There was also consensus to begin work to document the mandatory provision of autotune handoff as a follow-up to the recommendation of the previous DLK Systems SC meeting. Rockwell Collins France had recommended that the number of FSL frequencies to be attempted prior to reverting to the CSC be limited to one. There could, however, be multiple entries for different ground stations that could support that frequency in the airport area. The objective was for DLK Telecon 3 to continue the dialogue on this proposal.

In the interim, Mike Russo circulated a comment paper from Alain Bothorel containing proposed changes to ARINC 631 to incorporate the autotune handoff provisions and to define a single frequency implementation of the airport frequency FSL. Mike integrated Alain's changes into Chapters 4 and 9 and into Attachment 2 for discussion (files identified as v2).

2] Autotune

The telecon reviewed Alain's comments, containing items a through i.

(Item a) DLK Telecon 3 did not support Alain's proposed changes to the PICs in Attachment 2 for mandatory support by the ground station for certain functions (RSP_LE.tune; ARSP_HO.tune; GrCMD_HO.tune; and GrCMD_HO.gs). They held that there were cases where it would not be appropriate or beneficial for the ground provider to exercise these elements. The basis for Alain's proposal was identified as a misinterpretation of the SARPs.

(Item b) DLK Telecon 3 supported moving autotune provisions from Section 4.3 to Section 9.8 as Alain proposed.

(Item c) Telecon 3 also supported Alain's proposed change to Section 4.3.1.1 to use the exchange of the XID_RSP_HO as the basis for dropping the old link during a frequency handoff.

(Item d) Members provided additional wording to clarify Alain's proposal for the paragraph Disconnecting old link (Autotune Parameter Used). The existing commentary was deleted. A request was made for new commentary.

(Items e and g) The telecon supported changing the title of Section 9.8 to Frequency Management and adding a new subsection 9.8.1 Autotune. Existing text from Section 9.8 was placed in the new Section 9.8.1 and Frequency Support List was incremented to Section 9.8.2.

(Item f) DLK Telecon 3 supported moving text into Section 9.8.2 Frequency Support List to better organize the material.

(Item h) While supporting the intent and philosophy of the proposed text, additional revisions were put forward. More clarification will be needed.

(Item i) This item was deferred to another telecon (Telecon 4).

5] DLK Telecon 4

Action Items were taken by Nick Witt to submit revisions to references that indicate the SARPs when the material is actually in the VDL Manual and vice versa. Mike Russo will complete the replacement of "first frequency" with "randomly-selected frequency" in Section 9.8.2. The consensus was that the working papers should be circulated again as updates and the dialogue should continue with DLK Telecon 4 on 20 December 2007 at 15:00 UTC (10:00 am Eastern Standard Time and 1500 UTC).

This report was prepared by Mike Russo.

ATTACHMENT 1

Actions Items from the Meeting of DLK Systems Subcommittee held October 23-25, 2007 in Dallas, TX					
<u>Number*</u>	<u>Volunteer</u>	<u>Organization</u>	<u>Action Description</u>	<u>Status</u>	<u>Due</u>
07-10_07	Tom McGuffin	Honeywell	Develop new text for ARINC 618 that expresses the airline's desire that new DSP frequencies avoid the pre-existing frequency assignments of other DSPs, particularly their base frequency.	Open	
07-10_06	Alexandre Simonin	Eurocontrol	Provide proposed revisions to the VSDA address to specify a single address. Changes impact the body of the text plus Appendix D. MPR to provide diagrams.	Open	
07-10_05	Tom McGuffin	Honeywell	Update Appendix H for Draft 3 of Supplement 6 to ARINC 631.	Open	
07-10_04	Alexandre Simonin	Eurocontrol	Submit an overview of the frequency management process and update Attachment 2 or ARINC 631.	Open	
07-10_03	Alain Bothorel	Rockwell Collins France	Prepare descriptions of the avionics use of FSL contents (random/sequential/CSC fallback/all) and the use of an ordered list.	Open	
07-10_02	Rob Morgenstern	MITRE	Inform ICAO that the SARPs use of the term "ground command" is confusing. The SARPs and VDL Tech Manual should be edited to remove inconsistencies.	Open	
07-10_01	Rob Morgenstern	MITRE	Research the applicability of Airport Coverage Indication (See Table 2-2-9 of Attachment 2 to ARINC 631) to ensure that there is no conflict with the SARPs.	Closed	