

June 26, 2007

Report of the **DSEC Telecon 11** held on **21 June 2007**

In attendance were:

Doug Murri, Southwest	Paul Storck, ARINC
Dave Kassander, USAF	Dave Coombs, Carillon
Capt. Ben Brandt, USAF	Mike Olive, Honeywell
Cindy Freud, USAF	Don Kaufman, Honeywell
Hugh Mote, Airbus	Alain Bothorel, Rockwell Collins
Mathias Julien, Airbus	Eric Mehn, SITA
	Mike Russo, IA Staff

Doug Murri opened a one-hour twenty minute teleconference. The primary topics were the status of changes to the Honeywell Commitment to License and the view of potential licensees on its acceptability. This information has direct impact on the input to the AEEC ExCom for their adoption consideration of Project Paper 823. Telecon 11 also reviewed the response to the ExCom and post-meeting changes to PP823P1.

Doug Murri introduced the proposed agenda.

Telecon 11 Agenda		21 June 2007
	Description	Documents
1	Admin: Report of June 2007 / Action Item Status	
2	Results of Honeywell Telecon on CTL	
3	Review response to ExCom position paper	
4	Review of PP823 Part 1 changes from June Meeting	
5	Develop presentation for DLK UF	
6	Close	

Status of Commitment to License

At the previous meeting, the DSEC Subcommittee supported an offer by Honeywell to host a teleconference with potential licensees to reach consensus on its commitment to license. Don Kaufman reported that the telecon was held on 14 June. The telecon was attended by primarily legal representatives of ARINC, Boeing, Honeywell, Rockwell Collins, SITA and the DSEC Chairman from Southwest Airlines. The result was general concurrence on the alternatives available to licensees:

- 1) royalty free with leaseback
- 2) AEEC fair and reasonable terms
- 3) Termination of the license from Honeywell if a patent claim (on ARINC 823 as adopted) is made.

The length of the license period is the life of the patent.

There were no negative responses or objections so the projected 90 minute telecon lasted only 35 minutes. The majority of the time was spent wordsmithing the details, an indication that the controversial issue had been resolved.

Mathias Julien noted that Airbus had not provided an input and retained its right to a response. Their input has been delayed due to schedule problems.

Review of Response to AEEC ExCom Tasks

At the previous meeting, the DSEC Subcommittee developed a preliminary response the tasking of the AEEC ExCom. Industry Editor Mike Olive introduced the response, in PowerPoint presentation format, and highlighted the new slides that had been added to incorporate data that was not available at the meeting. These included an endorsement ACARS security services consistent with PP823 by Lufthansa. The file will be shared with the StratCom Subcommittee of ExCom for their views prior to forwarding it to the ExCom in general.

Review of Changes to Part 1 of PP823

Mike Olive briefly presented the most recent changes to Project Paper 823 Part 1. He highlighted the changes that he had made subsequent to the previous DSEC SC meeting.

Action Item Inputs

Mike Russo presented the outstanding action items with an emphasis on determining status and prompting inputs for the next meeting. Mike Olive noted in his review of PP823P1 that he had proactively modified Figure 3.5-1, a task that had been assigned to Mathias Julien. Mathias reported that he was awaiting an input from other Airbus parties to complete his tasks.

Don Kaufman promised that he would submit copies of the most recent commitment to license and pro-forma license. Mike Olive committed to submit version 9 of the strawman for PP823P1 by 21 June. Mike Russo will submit version 9 to the IA support staff to expedite its preparation in anticipation of a recommendation to issue Draft 2 of Project Paper 823 P1 for final industry review (and subsequent AEEC ExCom adoption consideration at the 2007 AEEC General Session in September) immediately following the next meeting.

Next Meeting

The next meeting (DSEC7) is scheduled to be held on 31 July – 2 August 7 in Dallas, Texas. This is a change from the conclusion to confirm the meeting location of Montreal, Canada.

This report was prepared by Mike Russo, IA Staff.

**ATTACHMENT 1
LIST OF ACTION ITEMS**

Tables 1-8: Action Items from January 2006 – January 2007		
#	DESCRIPTION	STATUS
01-06_01-04	Table 1: Meeting 1, January 2006	Closed 3/21/06
02-06_05-06	Table 2: Telecon 1, 15 February 2006	Closed 3/21/06
03-06_07, 09	Table 3: Meeting 2, 21-23 March 2006	Closed 11/29/06
05-06_10-12	Table 4: Meeting 3, 23-24 May 2006	Closed 2/27/07
07-06_13-14	Table 5: Telecon 4, 12 July 2006	Closed
10-06_15	Table 6: Telecon 5, 4 October 2006	Closed 12/18/06
11-06_16	Table 7: Meeting 5, 29 November 2006	Closed 02/28/07
01-07_18-19	Table 8: Telecon 7, 17 January 2007	Closed 02/27/07

Table 3: Action Items – Meeting 2, 21-23 March 2006		
#	DESCRIPTION	STATUS
03-06_08	Mike Russo will explore the viability of tagging requirements in ARINC Standards with AEEC members. 6/6/07	Ongoing

Table 9: Action Items – Meeting, 27 February – 1 March 2007		
#	DESCRIPTION	STATUS
02-07_20	Eric Mehn and Debbie Jacobs will assess the potential need for additional mechanisms to support internetworked air-ground encrypted messages, i.e., where there is a handoff from the initiating DSP to another DSP (where the DSP that is connected to the user does not support security for that user) for message delivery. See Honeywell Comment Disposition C-1 p150 Note 5. Alain Bothorel will define PICs to support the internetworking functionality and any new provisions required by the avionics.	Open
02-07_21		Closed 02/28/07
02-07_22	Mathias Julien will revise text of Section 3.4.6 of PP823 Part 1 to clarify the ability of a user to turn off any security provisions. This feature is needed in certain localities where the government restricts the use of security.	Open

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02-07_23	Michael Leonard and Dave Coombs offered to assist Mike Olive in expanding the content of Section 3.1, Asymmetric key Management, and Section 3.2, Key Management Life Cycle of Part 2. Stephane Tamalet/Mathias Julien offered to provide an equivalent input for Section 4.0, Symmetric Key Management.	Open
02-07_24	Cecile Morlec will provide a report of the on the SAFEE compression experiment.	Open

Table 10: Action Items – Telecon 10, 2 May 2007

#	DESCRIPTION	STATUS
05-07_25	Lou Toth promised to ensure that a patent status overview was provided to the members at the next DSEC meeting.	Closed 6/5/07
05-07_26	Mathias Julien will share the Airbus view of the technology covered by the Honeywell patent and consolidate his questions with those of other potential licensees. Questions should be submitted to Mathias by 17 May to prepare for the next DSEC SC meeting.	Closed 6/5/07

Table 11: Action Items – Meeting, 5-7 June 2007

#	DESCRIPTION	STATUS
06-07_27	Mike Olive will provide a mark-up of draft Supplement 7 to ARINC 620 to reflect the reduced use of Px labels resulting from the DSEC decision to utilize Supplemental Addresses rather than groups of 3 Px labels for routing and internetworking purposes.	Closed 6/8/07
06-07_28	Mathias Julien posed these questions for the DSEC SC: How does the Honeywell patent manage the 31 characters (95-64) not present in table* ? What is precisely HNW's solution to protect the message header? Is it really feasible? Are DEFLATE and v.42bis the most suitable algorithm for ACARS messages (DMC seems more efficient)?	Open

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