CONTACTLESS INTEGRATED CIRCUIT(S) CARDS
VICINITY CARDS
TASK FORCE 3 Meeting No. 17

Date: Monday 27th to Tuesday 28th January 2014, Kochel am See, Germany

Minutes:

1. The acting convener opened the meeting on 27th January at 10:00

2. Roll call of the experts

3. Attendance list

   R. Meindl (acting convener);
   D. Orsatti (FR), K. Finkenzeller (DE), K. Aslanidis (DE), R Boudreau (US), J Perez (CH), M. Stark (AT), Y. Kaneko (JP)

4. Adoption of the agenda
   TF3 adopted the agenda as published

5. Approval of the minutes of the 16th meeting of WG8/TF3 in Singapore (doc TF3 N180)
   TF3 approved tf3n180.

6. Review of available documents

   2 documentrs available at the beginning of the meeting:

   ISO-IECJTC1-SC17-WG8_N2235_TF3_N184_ISO-IEC_15693-3_PDAM4_Se

   WG7_Report_to_SC17WG8TG2_20140127

7. Reminder on ISO IP policy and request for patent declarations
   No patents were declared

8. ISO/IEC 15693-3/Amd.4 Security Framework
   Klaus will remind Andreas to post epc Gen2 v2 including the security framework for UHF.

   ISO/IEC 29167 specifies the crypto suites.

   epc Gen2 v2 will be fast tracked into ISO/IEC 18000-63

   Klaus is LO of WG8 into SC31/WG7 and WG4; Steve Halliday is LO from SC31 to WG8.

   Klaus presents WG7_Report_to_SC17WG8TG2_20140127

   Joe Preishuber-Pfluegl is new chairman of SC31/WG7 Security for item management

   Klaus presents a G&D presentation on security work

   Summary of open topics to be addressed in 15693:

   - timeout for crypto suites

   Current for read - t1 = 320,p us

   Current for write - t1 = 320,9 us + n x 4096/fc (320,9 us) with a maximum of 20 ms

   The amendment should specify something similar to WTX in 14443.

   Kaneko wants to specify a maximum time; Klaus thinks this is application dependent.

   Kostas also prefers to get max specified; Jose also prefers maximum.

   Preliminary conclusion: VICC repeats sending barker code every 20ms; a maximum is not needed because we have no consistent reaction for the PCD can be found, other than switching off the field.

2013-10-16

The group thinks a kind of VICC barker code mechanism will be needed (think of existing EOF package).

Jose presents new draft on security in tf3n184.

(AP) Klaus (as LO to SC31) will inform SC31/WG7 that 15693 will map all errors into one Generic security error. If more are needed, please inform TF3 and bring some justifications.

There was a proposal to avoid listing the security commands in 15693 but rather pack them as data specified in 29167 and define only one container transfer command.

Both options were intensively discussed – and the plus and minus should be worked out until planned webex call.

Klaus thinks that 15693 does not need a change of the state diagram – would prefer to rely on the state diagrams defined in the crypto suites.

Jose proposes to schedule a separate Webex session (probably Feb 12, 2pm MET) to discuss how to change in the state diagram and could live with one container command instead of listing all security commands.

Timeout procedure should also be re-discussed in the webex and other options should be checked (like the VICC can take any time for its computation and saves time and power for barking)

9. Revision of ISO/IEC 10373-7
    No contributions received

10. Any other business
    none

11. Dates and venues of next TF3 meetings
    * webex call on Feb 12 with the following agenda topics

       One container command vs 6 dedicated commands + related state diagrams

       Timing requirements (barker codes or alternatives)

       Klaus will Invite SC31/WG7 experts

    * F2F in Neuchatel April 7, at 9am to April 8 , 12am
    * Next meeting collocated with SC17 week in Madrid

12. The acting convener closed the meeting on 28th January, 12:00