

Meeting Minutes

INCITS B10.1 - IC Cards with Contacts

January 22, 2003  
Westin Innisbrook Resort  
Palm Harbor, FL

1. Call to order – joint session with B10.5 for initial topics
  - Introductions and welcome to new members
  - Review of agenda B10.1 N03-001 – no changes
2. Approval of minutes N02-011 – approved as is
3. WG4 Report by Jim Russell (wg4n1670)
  - ◆ Summary of activity on FCD 7816-15 (cryptographic application)
    - \* The US comments were rejected by the Task Force, partially because the US was not present to defend them in person. These comments were made to provide a more usable standard due the use of the ASN.1 notation that many people do not know.
    - \* Several technical changes were introduced by the Task Force with the result that the WG4 secretariat has requested members to comment on how to proceed – another FCD or FDIS.
    - \* The subcommittee decided to respond by requesting a second FCD.
    - \* Furthermore, the subcommittee will prepare two sets of comments with the same information as before, one set as an annex as before and the other as insertions in clause 8 where relevant. The US will vote No unless one of the sets of comments are accepted.
    - \* Hopefully this can be addressed in the June meeting when the US will be present as hosts.
  - ◆ FCD ballots
    - \* The package of related standards, parts 4, 5 6, 8 and 9 have been released for FCD balloting. Parts 6, 8 and 9 had been previously reviewed at the CD level and are to be considered in conjunction with the other FCDs as a group.
    - \* The closing dates should be the end of May allowing the documents to be addressed at the June meeting to be hosted by the US.
    - \* The committee will meet in April and the ballot response can be prepared in that meeting.
  - ◆ CD 7816-4.2 resolution of comments

- \* The questions raised on command chaining should be reviewed by all members and their comments prepared and exchanged by email. There is also an informative annex on security conditions from Germany. Both must be carefully reviewed since this is a FCD ballot.
- ◆ FCD 7816-5
  - \* Part 5 had originally been balloted at the FCD level and was ready for the FDIS level. Changes were required due to changes in the Part 4 balloting process.
  - \* Therefore, Part 5 will be resubmitted for FCD balloting.
- ◆ ISO/IEC 7816-3 five year review
  - \* Although the standard was confirmed in the five year review, the standard can be revised by WG4 to include all amendments and the current work efforts. (Per SC17 secretariat.)
  - \* A draft WD has been sent out on the WG4 web site for review and comments to be presented at the next WG4 meeting to be held in Rennes on March 10-12.
  - \* One major topic to be reviewed is the definition of the GET RESPONSE command in part 3 and part 4. Is there a valid need for GET RESPONSE in Part 4 as an APDU command. Is the TPDU version of GET RESPONSE different from the APDU version?
  - \* All comments should be submitted to Philip McCauley who will attend that meeting for the US. He needs the comments by March 3, 2003.
- ◆ Register of IC Manufacturers
  - \* The SC17 secretariat had received a request for a block of numbers for SC31. WG4 resolved that the list maintained by SC17 is only for ICs embedded in cards.
  - \* The request was rejected and SC31 was requested to set up their own list of IC manufacturers.
  - \* The reference to SC31 will be removed from ISO/IEC 7816-6.
- ◆ USB Task (7816-12) Force results
  - \* The USB task force presented two alternative solutions to WG4. Many issues concern the PC infrastructure and the operation of USB devices. Microsoft is the stumbling block for the acceptance of the two alternatives and the implementation must fit with PC/SC v2.
  - \* The notion of using the T=0 and T=1 protocols was removed from the draft. (This was expected since the USB has its own protocols).
  - \* The work previously referenced by Schlumberger was removed from the draft. They are seeking support to restore this to the draft.
  - \* Note: The US needs assistance from technical experts on this topic. Scott Guthery is working on this and will be consulted for a US position. In an initial contact Scott indicates that there are several sources of IPR and patents. The issues will be discussed at the next meeting of the USB technical group.
  - \* The text will be revised based on the results of the USB forum and then the text will be submitted as a CD.
- ◆ Request from WG5 regarding assignment of AID values for virtual card numbers
  - \* IINs used to be allowed as an AID but this option was deleted from the standard. Only values beginning with a letter are allowed.

- \* IIN's are completely separate from AIDs and should never be confused. Therefore, WG5 can issue whatever numbers it desires. There will be no collision due to the different contexts
  - ◆ Task Force on interconnection of components on cards.
    - \* The task force does not have many participants. A call for additional members was made. There will be a meeting following the next WG4 meeting on March 13 in Rennes.
    - \* Note: The US does not participate and does not see the need for this effort.
  - ◆ WG4 has developed a new web site: access [www.afnor.fr](http://www.afnor.fr) and search the e-committees / information technology. An individual user ID and password is required for documents restricted to members. An ID can be requested from the secretariat through either Jim Russell or Philip McCauley.
    - \* Note: All of the WG4 documents will be available from the B10.1 web site in the members section. The access ID is B101user. The password was distributed earlier. If this is needed it can be obtained from Jim Russell or Philippe Hiolle.
  - ◆ Request from WG1 to eliminate tests for UV, magnetic field and X-Ray.
    - \* WG4 reviewed the usage of ID cards and affirmed the need for these tests.
4. WG4 work activity – ballots – recommendations to B10
- No ballots pending.
  - The FCDs will be distributed and discussed during the next three months and the comments will be reviewed at the April meeting in San Diego. The recommendation will be presented at the B10 meeting on May 1.
5. Liaison activity
- WG3 Travel Documents
    - ◆ No activity
  - WG11 Biometrics
    - ◆ No activity
6. Next B10.1 meetings
- April 30, 2003 Cubic, San Diego CA
  - Aug 27, 2003 DataCard & 3M, Minneapolis MN
  - January TBD, 2004 Intelli-check, Palm Harbor FL (if possible)
7. Next WG4 meetings
- March 10-12, 2003 Rennes, FR
  - June 23-27, 2003 Colorado Springs, CO ATMEL
8. Old Business

- Printing specifications – ISO/IEC 7816-2 FPDAM to raise the height of contacts to the original position was discussed. The rationale is that the card manufacturers can not hold to the standard tolerances for high volume production at a desired cost level.
  - ◆ The changes restore the standard to the original values so that inexpensive telephone cards can be produced at minimum cost. Cards that are to be printed after embedding of the chip can be specified to have the desired tolerance level (+.00, -.10) to preclude damaging the print heads.
  - ◆ DataCard shared the information that Gemplus has detailed documentation on this subject.
  - ◆ The FDAM is expected to be out for final balloting shortly.
  
- NIST – Smart Card Interoperability Specification
  - ◆ The current status was described by Teresa Schwarzhoff and Jim Dray.
  - ◆ They are expanding the initial version to include contactless technology and biometrics. The document is still expected to be available for the April meeting.
  - ◆ The biometrics work is being done in conjunction with an Ad Hoc working group of M1. Terry Schwarzhoff requested that a liaison from B10.1 be present at the next meeting on Feb 7, 2003. DOD will present their proposal at that meeting. The chairman, Jim Russell, will plan to attend the meeting if he can arrange it.

9. New Business – no new business

10. Adjournment