

1. The B10.5 meeting in Clearwater, FL, was called to order with the B10.1 group. The two groups held a joint meeting to listen to each other's reports so that the two groups can share general information.
2. The attendees were asked to introduce themselves and the roll was taken for the B10.5 group
B10.5 members/participants are;
 1. Francis Christian – FC Consulting Rep: Atmel, chair
 2. Randy Roebuck – TI, vice chair & secretary
 3. Dennis Caulley – Access ID / I.T.G.
 4. Peter Saunders – American Express
 5. Jean-Pierre Benhammou - Atmel
 6. Walt Bonneau – 3Point Consulting Rep: Cubic
 7. Barry Kefauver – Fall Hill Associates
 8. Won Jun – G&D
 9. Jay Colleran – HID
 10. Jim Ferguson– Innovision
 11. Ian Keen – Innovision
 12. Emmanuel Limtao – Magtek
 13. Philippe Hiolle – MasterCard
 14. Jim Dray – NIST/U.S. Government
 15. Henk Dannenberg – Philips
 16. Ed Barrett – Sony

New members are observer for the first meeting and then a full voting member the second meeting.

3. The Draft Agenda for, B10.5, N03-103 was approved with the addition of a presentation from NIST, and a discussion of who is on the B10.5 email list.
4. Reviewed and approval of August 14, 2002, Meeting Minutes, B10.5 N02-133, approved.
5. List of technical contribution for January 22, 2003 meetings
 - 5.1. SC17N2225 FPDAM Ballot, ISO/IEC 10373-6 FPDAM 2, Identification cards - Test methods - Part 6: Proximity cards - Draft Amendment 2: Improved RF test methods N03-109
 - 5.2. SC17N2258 For PDAM Letter Ballot, ISO/IEC PDAM 10373-6/AM 1.2, Identification cards - Test methods - Part 6: Proximity cards AMENDMENT 1: Additional PICC test methods- N03-110
 - 5.3. NWI Proposal from Amex B10.5 N03-104, 5, 6
 - 5.4. NWI Proposal from Cubic on the Limited Use CSC N03-107-8
 - 5.5. WG8 Calling Notice March 3-7, 2003 in Japan N03-111
 - 5.6. WG8 report Copenhagen October 7-8, 2002, N02-145
6. Report of ISO/IEC meetings
 - 6.1. WG8 meeting in Copenhagen – Walt Bonneau - OTI provided additional inputs to improve the new test document Part-6 and was discussed by members. Overall approval was high. Sony and Philips gave an informal joint presentation on “near field communications (NFC)”. It was noted that no further information was or has been given by either company since this meeting. It was also noted that there were questions as to this NFC proposed standard including all of ISO14443. Francis will look on WG8 website for near field document. The Baud rate increase on 14443 type A was assigned to WG8/TF2 to develop a work plan. However there were several areas of contention of the selective working for Type “A” only as the documents header. Walt gave a “Limited Use” Smart Card presentation. The presentation was the precursor to the B10.5 and B10 committee voting on approval to request a new work proposal. NIST gave an additional presentation on the Virtual Card proposed Interface standard, GSC.
 - 6.2. SC17 & SC37 plenary – Jim Russell. Gave update. Upper management to sort where biometrics will be done besides M1.
 - 6.3. SC31 RFID -- Randy gave update from September's Cedar Rapids meeting. Next meeting will be held early February in Orlando. FCD 18000 Part –2 (LF), -3 (HF 13.56 MHz includes 15693) and –4 (2.45 GHz) are moving forward and FCD comments being reviewed at national levels.

UHF and 433 MHz being worked at CD level. Savi, Intermec & Samsys gave hardware demonstrations. Biggest issue was ID format & registration between transportation and card environments.

- 6.4. NIST GSC Update – Terry and Jim. Revised document 2.1 will go to NIST technical committee Jan. 31 for review. NP includes contact, contactless and possibly some biometrics to the GSC smart card. Complete reviews and submit to federal review team Feb 24 and submit to ISO process. B10 will receive 2.1 version by March 31. Last week, Lee Holcomb – White House advisor of homeland security mentioned Smartcard would be integrated from Day 1. Both contact and contactless (access control) features with cryptography will be used. May need to adapt LDS data
7. Status of FCC Petition - Randy Roebuck. Julius Knapp, Chief of Rules Making Group will make decision to separate Part 15 (includes 13.56 MHz) items this January since 433 MHz (SAVI) issue has not been resolved with DOD. Delays have been excessive.
8. Actions – Ballots and Recommendations to B10
- 8.1. Recommendation on - SC17 N 2225 FPDAM Ballot, ISO/IEC 10373-6 FPDAM 2, Identification cards - Test methods - Part 6: Proximity cards - Draft Amendment 2: Improved RF test methods **Unanimously approved with the following general changes**
- Page 2, Note 1, redo the sentence wording “In order to limit the worst case measurement error to approximately 5% due...”
 - Page 2, Note 2, change word from “quantification” to “quantization”, delete “of” in sub bullets.
 - Page 8 sub cause 7.2 need to change P1 from “50 ohms” to 10 ohms” (Emmanuel).
- 8.2. Recommendation on - SC17 N 2258 For PDAM Letter Ballot, ISO/IEC PDAM 10373-6/AM 1.2, Identification cards - Test methods - Part 6: Proximity cards AMENDMENT 1: Additional PICC test methods **Unanimously approved without changes**
- 8.3. Recommendation on – Amex NWI Proposal on an interoperable transaction session protocol(s) for contactless cards.
- Peter Saunders (AMEX) gave summary on their proposal. Walt requested an overview of other similar proposals such as those of: (GSC, AmEx, RES & EVI). Philippe sent foils on 7816-overview structure. Proposal discussion led to the need for refining the project scope. AMEX will modify and present at next meeting. Last meeting in St. Louis, five companies volunteered to be involved. It was discussed on whether “ad hoc” was needed and chair is going to research on its need. However, AMEX elected not to request an ad hoc B10.5 action be taken at this time.
- 8.4. Recommendation on – Limited Use CSC NWI Proposal
- Walt (Cubic) gave need analysis case for smart card Limited Use media for the transportation and retail industries. The review included the most urgent need for a low cost ticket in replacement of the presently used magnetic ticket. Henk (Philips) gave counter reasons on how the existing standard (ISO14443) is adequate to comply. Ian (Innovision) gave their input in support of the changes made by Walt. A discussion took place that offered two methods to proceed with this proposed new work item:
- 1.) Work within the ISO 14443 standard allowing modifications and additions or subtractions.
 - 2.) Create a new ISO standard.
- Group majority elected Option 1.** To keep the same standard but add or change existing parts including the provision for additional options as needed. The following were the inputs:
1. Physical (size), part 1 needs to be changed (no restrictions on minimum size).
 2. Data transfer (air Interface), part 2 needs minimum read distance only & power levels. Must operate with existing PCD (readers). Check on possibility of both ISO14443 and ISO15693 technology. Determine if the sub-carrier is necessary.
 3. Initialization/anti-collision, part 3, needs to be reduced in complexity were possible.
 4. Security, Part 4, does not need financial levels but need to prevent copying/fraud.

5. Data storage size to be most cost effective for the application. Recommendation was given for <512 Bytes.
6. Anti-tear (completed transaction). Open item as to need!
7. Data Records – size, access & locking. Do they need to be spec'd

Motion was made by Cubic and second by Atmel: B10.5 ask B10 to vote to have the Limited Use Smartcard NWI Proposal with the seven options above, be sent to the SC17 secretary for balloting as an ISO Work Project. The vote was eight companies in favored, one reject, and one abstained. Philips rejected. MagTek abstained. The motion passed. A technical contribution will be supplied with the NWI Proposal. Cubic has volunteered to be the editor for this task.

9. GSC Discussions - Jim Dray (principal scientist of NIST) presented the Government Smart Card Interoperability Specification and reviewed the architectural framework for the card. The government is driving to have an interoperability spec that can be used for either contact or contactless cards in all government applications. Jim went into a lot of technical detail and concluded that NIST will be asking B10.5 to be ready to receive a proposal from NIST at our next B10.5 meeting in April. NIST will be submitting the proposal in an effort to have the GSC document accepted as a contribution for an international standard. The B10.5 group has agreed to work with NIST on this task.
10. Other Business
 - 10.1. Mailing Lists – All B10.5 information will be sent to the B10.5 principal member. Then the principal member can send to other company people. If the principal member has a special need they can contact me and I will work with them to see that the member company get the B10.5 information.
11. Future Meeting Schedule of B10.5
 - 11.1. April 30, 2003, in San Diego Hosted by CTS –Cubic (Marriot Courtyard in Kearney Mesa). Cubic's contact is Elena Pernicono 858-627-4543.
 - 11.2. August 27, 2003, DataCard & 3M, Minneapolis MN
12. Delegates and inputs to the WG meetings
 - 12.1. WG8/TF2 in Japan March 3-4, 2003 (hosted by Sony), Develop higher baud rate work plan. Delegates – Francis Christian (HOD) & Walt Bonneau
 - 12.2. WG8 in Japan March 5-7, 2003
Delegates – Francis Christian (HOD) & Walt Bonneau
13. Adjournment Ended 5:37pm