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1 Opening of the meeting series, Tuesday 2nd March

Opened by David May who outlined the facilities in the BSI building and apologised for the lack of a projector. He then handed over the meeting to Felix Shvartsman for the TF2 meeting.

2 Wednesday 3rd March 2004, 11.00 a.m.

David May opened the meeting and welcomed the assembled Experts.

3 Adoption of the draft agenda. Please add any item to be discussed under AOCB and table any contributions.

The draft agenda was adopted with the addition of an update on Self-Mark from Japan. This was entered under any other business.

4 Introduction and roll call of experts.

Denny Warwick, Gene Meier, Terry Schindler, Joe Naujokas, Gemma Deler, Jim Riddell, Steve Brunt, David May, Michel Dancygier, Manuel Deloche, Stephan Wolki, Martin Albrecht, Akira Nakazawa, Yoshi Yorimoto, Uwe Truggelmann.

5 Adoption of Report (1N1305) from Singapore WG1 Meeting.

The report on the Singapore meeting was adopted unchanged.

6 Report on Singapore Plenary Meeting

David May presented his report in 1N1307.

7 Report on current status of ISO/IEC 7810.

David May reported that ISO/IEC 7810 had now been published.

8 Report on status of ISO/IEC 7811-6/PDAM1 (U_{i6})

David May reported that he had enquired from Freda Bennett as to when the PDAM would be published. He had received the (surprising) reply that this was a three-stage process, requiring the balloting of an FPDAM before the final PDAM is published.

Martin Albrecht observed that PTB was now testing only to the new U_{i6} definition; that the old definition no longer made sense.

Akira Nakazawa noted that there is a problem whereby some people are taking the U_{i6} allowance to be applied to recording errors (like secondary gap effect = "head bumps" and inadequate overwrite). Martin Albrecht recommended that the attention of users be brought in some way to the fact that U_{i6} is a quantity that is only relevant to the test procedure, not to recording defects observed in the field.

It was agreed that a note be inserted into the FPDAM along the lines of:

"Note: Your attention is drawn to the fact that these requirements relate to unused, unencoded cards. It is incorrect to apply them to used and/or encoded cards."

Denny Warwick will finalise the wording and insert this into the FPDAM.

9 Report on status of ISO/IEC 10373-1 Test Methods – General Characteristics.

David May reported that this document is currently out for ballot. The results will be available for review at the June meeting.

10 CD10373-2 Test Methods – Magnetic Stripes (1N1280 = 17N2355). Resolve comments from ballot (17N2417).

Steve Brunt conducted a comment by comment review of 17N2417 and elicited the following responses.

10.1 Australia

5.5.2.2 Rejected – Essential information is provided. More details unnecessarily restrictive.

5.9.2 Accepted – Should refer to Figure 7 in the base standard 7811-6.

10.2 Czech republic

Norm ref 7811-2 Accepted – Will add "Low coercivity"

Norm ref 7811-7 Noted – Will be adjusted as appropriate to the status of 7811-7 on preparation of the FDIS 10373-2.

10.3 Germany

Overwrite test method for 7811-7 is missing. It has been subject to a round robin procedure and needs to be incorporated into 10373-2. Accepted – Steve Brunt will incorporate this procedure into the document.

New test method for wear of magnetic stripe is required. Comment withdrawn pending further work in this area.

5.5.3.3 hd high density window is wrong. Accepted 7811-7 is different and will be shown as such.

Note: The recording current waveform is incorrect and Martin Albrecht will supply a replacement drawing.

Germany withdrew their negative vote.

10.4 USA

Definitions should not have terminating full stops. Accepted – terminating full stops will be removed.

Wear resistant coatings. After discussion, it was agreed to address this by combining the existing note with the first note in 5.5.2.2 to read:

Note: Although similar results can be obtained using other gaps and constructions of test heads, significant differences can exist depending on the characteristics of the magnetic stripe being tested, such as magnetic stripe thickness or overcoat.

It was further agreed that the report should no longer be required to state whether heads with wear-resistant coatings were used.

A "vote by expert" was conducted on the question of whether the US-proposed explicit ban on wear resistant coatings should be included. The result was 8 abstentions, 1 against and 4 in favour.

Steve Brunt will therefore insert the text requested by the USA. However, in view of the large number of abstentions, experts are requested to consider whether it should stay in.

Terry Schindler wishes to make a proposal to the June meeting regarding guidance to users as to the permissible flat area at the gap. His results seem to support Martin Albrecht's previously submitted results to set 2 mm as the width of flat that should trigger replacement. However, in view of the need for more data, it was agreed to defer this for the current FCD.

10.5 Disposition of comments

Steve Brunt will do a disposition of comments and will also prepare the FCD and send it out to WG1 by email for comment by 19th April 2004 prior to sending to Freda Bennett for FCD ballot by 3rd May 2004.

11 First Review of ISO/IEC 8484 “Design and Use of Savings Books with Magnetic Stripes for Information Exchange” (1N1319)

Martin Albrecht explained that what he had done to this document was based on what had been done to a similar DIN standard. Essentially, the magnetic requirements and normative references have been updated. There are some references that still need to be checked and updated.

Denny Warwick, the Project Editor designate, will now take over the document.

WG1 Experts are invited to comment on the document. In particular, they are requested to seek out manufacturers of associated equipment so that we can validate the signal levels, for example. The current values are those that PTB derived by direct measurement, on real savings books, while carrying out their revision of the DIN Standard.

12 New Work Proposal from France on Low Cost Contactless Cards (1N1321)

Michel Dancygier stated that the proposal related to mass transit ticketing using contactless cards for limited usage. Compatibility with ISO/IEC 14443 is a premise and they should conform to TFC.1/ID.1 format in order to expedite bulk handling.

AFNOR prefer it to be based ISO/IEC 14443 and ISO/IEC 15457. A number of specific additional requirements and modifications will be needed.

Martin Albrecht referred to the similar work item in WG8. Michel explained that this was complementary to that work in that it addressed the physical properties of such cards, while the WG8 item focussed on the simplified silicon.

It was noted that the title "Low Cost Card" had been incorrectly applied by the Secretary. It should be, as given in the New Work Proposal, "Limited Use Card".

Michel Dancygier confirmed that ARNOR will forward this to Freda Bennett as a French proposal. WG1 were pleased to confirm that they were supportive.

13 The following items are not work items but due to their relevance to the card market they have been added to the agenda for discussion only

13.1 Non Standard Cards

Terry Schindler suggested that such things were beginning to lose their attraction. David May confirmed that he had heard similar remarks relating specifically to transparent cards.

13.2 Transparent Cards with IR filters.

David May reported that it appears that the intellectual property situation here does affect ISO/IEC 7810/

14 Reports of Task Force Convenors, as required.

Not required.

15 AOCB.

15.1 Self Mark Cards

Akira Nakazawa reported that Japan will propose a new work item on Self-mark to SC17. A presentation will be given during the June WG1 meeting.

16 Review Action Item List.

Action Denny Warwick: Denny Warwick will finalise the wording and insert into the FPDAM. into the ISO/IEC 7811-6 FPDAM a note similar to: "Note: These values are applicable to unencoded cards. They are not applicable to encoded cards."

Action Steve Brunt: Steve Brunt will issue a disposition of comments on CD ISO/IEC 10373-2. He will also prepare the FCD and send it out to WG1 by email for comment by 19th April 2004 prior to sending to Freda Bennett for FCD ballot by 3rd May 2004.

Action All Experts: WG1 Experts are invited to seek out manufacturers of associated equipment so that we can validate the signal levels.

17 Future Meetings.

Hosts are required for the March and June meetings of 2005. Martin Albrecht will try to arrange a meeting for one of these. Gemma Deler offered to host the other.