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**Title : Minutes of the WG1 meeting, Paris 2006-10**

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# Minutes of the WG1 meeting, Paris 2006-10.

## 1. Opening of the meeting

Uwe Trüggelmann, the WG1 Convenor, called the meeting to order and handed over to Dr Shvartsman, the TF2 convenor, for the TF2 session.

Following the TF2 session, the WG1 session commenced, proceeding as follows.

## 2. Adoption of the draft agenda

The agenda 1N1573R3 was adopted.

## 3. Introduction and roll call

The WG1 Experts introduced themselves in turn and a signing-in sheet was circulated. The following Experts were present:

Name	Organisation	Country or ILO
Uwe Trüggelmann (WG1 Convenor)	Trüggelmann Ltd	UK
Steve Brunt (WG1 Secretary)	Steve Brunt Consultancy	UK
Bruno Tahouo	Gemalto	France
Michel Dancygier	Thales Transportation Systems	France
Erick Brisse	RATP	France
Dianne Furness	Card Testing International	New Zealand
David May	David May Consulting Ltd	UK
Zulkifli Rahmat	National Registration Department	Malaysia
Lucien Amiot	Oberthur CS	France
Chuah Ban Cheng	Iris Corp	Malaysia
Mohamed Rosli Saad	Min Home Affairs	Malaysia
Rohaila Abdul Latif	Malaysian Electronic Payment (MEPS)	Malaysia
Mohd Ariffin Adimin	National Registration Dept	Malaysia
Zulkairi Md Dahalin	Univ Utara Malaysia	Malaysia
Francisco Alarcon	Applus+	Spain
Mohamed Zulkhornain Ab	National Registration Dept	Malaysia

Ranee		
Kevin Tall	Eclipse Laboratories	USA
Terry Schindler (TF2 Minutes Secretary)	Brush Industries	USA
Steve Schwartz	Kurz Transfer Products	USA
Kaoru Tsakamoto	The Kyoyo-Hin Foundation	Japan
Akira Nakazawa	Nidec Sankyo Corporation	Japan
Martin Winkler	Infineon Technologies	Germany
Marty Frary	HID Global	USA
Marco Balatti	INEOS Films Cards Business	Italy
John Stearns	Magtek Inc	USA
Felix Shvartsman (TF2 Convenor)	HID Global	USA
Denny Warwick	Datacard	USA
Brad Paulson	Thor Engineering	ICMA
Gene Meier	Datacard	USA

#### **4. Adoption of report from the previous meeting**

The minutes of the previous meeting 1N1558 were adopted.

#### **5. Review of WG1 Standards**

WG1 reviewed the following standards for which it bears responsibility.

##### **5.1 ISO/IEC 7810**

The current edition is 2003.

##### **5.1.1 Physical requirements to be transferred from WG8 ISO/IEC 14443-1**

- Report on incorporation of physical requirements from ISO/IEC 14443-1 into ISO/IEC 7810
- Relevant documents: 1N1559, 17N3103.

Steve Brunt reported that the proposed changes had been circulated by SC17 as draft common information, in accordance with SC17 SD2. The response to the ballot is contained in document 17N3103.

There was some discussion as to whether it was appropriate for all of the items incorporated into the amendment, which were originally listed by WG8, to be inserted into ISO/IEC 7810. Steve Brunt recommended that the draft amendment should go forward to ballot, thereby providing an opportunity for those who wish to object to do so.

All four of the German ballot comments were accepted but that relating to ESD will be resolved by agreeing to incorporate the ESD requirements from ISO/IEC 7816 into ISO/IEC 7810.

It was agreed that the "IC?" Entries should be changed to "ICC".

**Note:** Subsequent to the meeting a commentary (1N1590) was received from WG8 that requested the use of the term "card" only. This request will be complied with, as will the other requests in that commentary.

**Action 2006-10/01:** Steve Brunt will notify WG4 that the ESD requirement from ISO/IEC 7816 has to be inserted into ISO/IEC 7810. The reason is that, although there is no common requirement, there is sufficient similarity to co-locate the two sets of ESD requirements from ISO/IEC 7816 and ISO/IEC 14443. He will also inform WG4 and WG8 that the corresponding ESD tests will have to be moved into ISO/IEC 10373-1 from ISO/IEC 10373-3, -6 and -7.

**Action 2006-10/02:** Denny Warwick will produce a disposition of comments for the draft common information ballot and a draft amendment for ISO/IEC 7810. Steve Brunt will send these to SC17 and request a ballot of the draft amendment.

### 5.1.2 Opacity

- Report on comparison between PTB and Eclipse results.
- Relevant documents: 1N1574.

Kevin Tall reminded WG1 that the base standard criteria associated with the new opacity test method have to be derived. The data in 1N1574 provides some input to the forthcoming discussions when 7810 is opened for review. There was some discussion as to whether 7810 should be opened for review.

**Action 2006-10/03:** WG1 Experts are requested to consult their national bodies and liaison organisations as to whether ISO/IEC 7810 should be opened up for review now or left until the end of its normal 5 year review period.

**Action 2006-10/04:** WG1 Experts are requested to obtain data relating to the new opacity test in ISO/IEC 10373-1 method so as to assist in establishing the ISO/IEC 7810 criteria.

### 5.1.3 Other items

The possibility of extending 3.14 to include such influences as ESD conduction was broached by Uwe Trüggelmann. He invited Experts to propose forms of words for this.

**Action 2006-10/05:** WG1 Experts are requested to propose forms of words to extend the scope of 3.14 of ISO/IEC 7810 to cover influences such as the conducting of electrostatic discharge currents. Experts should also comment on the advisability of doing this.

## 5.2 ISO/IEC 7811

### 5.2.1 ISO/IEC 7811-1 Identification cards – Recording technique – Part 1: Embossing

The current edition is 2002.

It was agreed that nothing needs to be done at present.

### 5.2.2 ISO/IEC 7811-2

The current edition is 2001.

- Report on selection of a new source of low coercivity reference material.

- Relevant documents: 1N1560, 1N1562, 1N1585
- Relevant Action items: 2006-06/04, 2006-06/05.

WG1 expressed their thanks to Kevin Tall for his sterling efforts in establishing the new reference material. The reference cards are now available to order from the PTB. Kevin warned that there was a current calibration factor in addition to a voltage calibration factor.

### 5.2.3 ISO/IEC 7811-6

The current edition is 2001 with Amd 1 ( $U_6$ ) 2005.

It was agreed that the standard should be opened for routine review. No issues are known other than the existing amendment.

**Action 2006-10/06:** Denny Warwick will produce a draft FCD of ISO/IEC 7811-6 to be approved for FCD ballot at the next meeting.

### 5.2.4 ISO/IEC 7811-7

The current edition is 2004

There are no outstanding issues. No action is required.

### 5.2.5 ISO/IEC 7811-8

This is a new part of ISO/IEC 7811.

- Ballot result for FCD ISO/IEC 7811-8 1N1517 17N3033.
- Relevant documents: 1N1517, 17N3033, 17N3114, 1N1585
- Relevant Action items: 2006-03/02

It is understood that German objections are based on the fact that multiplying a value that includes a certain error by a number (scaling the value up) produces a larger error. However, it is also true that, since the base value is also multiplied, the percentage error is unaffected. Consequently, while the concerns regarding guarantee and liability are respected and will be accommodated, the German comment could not be accepted.

**Action 2006-10/07:** Steve Brunt will write formally to Martin Albrecht to enquire what form of words would satisfy the PTB regarding guarantees and liability for use of the RM 7811-2 in ISO/IEC 7811-8 calibration. He will pass the response on to Denny Warwick.

**Action 2006-10/08:** Denny Warwick will make the necessary modifications to ISO/IEC FDIS 7811-8 to incorporate the form of words specified by PTB (see Action 2006-10/07) and send the result to Steve Brunt to arrange the FDIS ballot.

### 5.2.6 ISO/IEC 7811-9

- Review of working document 1N1564.
- Relevant documents: 1N1564, 1N1565, 1N1582, 1N1586
- Relevant actions: 2006-06/01, 2006-06/02, 2006-06/03.

WG1 reviewed the draft 1N1564 and considered the comments received.

US comments are contained in 1N1565

The Japanese document 1N1586 is a commentary on the US commentary 1N1565. The supporting information (presented but not yet submitted for distribution by Japan) contains modifications of the dimensions of the tactile pattern which will be passed to Denny Warwick.

There was discussion of the question of whether the location should be recommended or required and whether the location should be changed. It was agreed that the TIM should be restricted to the standard embossing area but that the location within that area should remain recommended.

Regarding alignment with EN 1332-5, which was distributed for reference by both Uwe Trüggelmann and Steve Brunt, it was agreed that it would be best to allow EN1332-5 a reasonable period of time to stabilise before considering its incorporation into 7811-9.

**Action 2006-10/09:** Denny Warwick will update the working document for ISO/IEC 7811-9 in line with the changes agreed at the 2006-10 meeting and prepare it for CD ballot. Steve Brunt will then arrange for a CD ballot so as to obtain a result in time for the March meeting.

### **5.3 ISO/IEC 8484**

- Ballot result.
- Relevant documents: 17N3059.

There were no comments to address. Consequently, 8484 may now proceed to FDIS.

**Action 2006-10/10:** Denny Warwick will produce an FDIS for ISO/IEC 8484. Steve Brunt will send it to SC17 for ballot.

### **5.5 ISO/IEC 10373-1, -2, -3**

#### **5.5.1 ISO/IEC 10373-1 Identification cards - Test methods - Part 1: General characteristics**

The current edition is 2006.

There were no issues to discuss.

#### **5.5.2 ISO/IEC 10373-2 Identification cards - Test methods – Part 2: Magnetic stripes.**

The current edition is 2006.

Note: Action 2006-06/06 and 2006-06/07 already dealt with by ISO Editor.

There were no issues to discuss.

### **5.6 ISO/IEC 15457**

#### **5.6.1 ISO/IEC 15457-1 Identification Cards – Thin flexible cards - Part 1: Physical characteristics**

The current edition is 2001.

- Report on progress to FCD ballot.
- Relevant documents: 1N1576.
- Relevant Actions: 2006-06/08 and 2006-06/09

In 1N1576, Michel Dancygier has provided the information requested. Recommendations are based upon test results which will be provided.

**Action 2006-10/11:** Steve Brunt will update the working document for ISO/IEC 15457-1 and send it for FCD ballot, concurrent with the other two parts of ISO/IEC 15457.

**Action 2006-10/12:** Michel Dancygier will provide WG1 with a copy of the results underpinning the recommended values in 1N1576. Steve Brunt will register these as a WG1 document and cross-reference them to 1N1576.

### **5.6.2 ISO/IEC 15457-2 Identification Cards – Thin flexible cards - Part 2: Magnetic recording technique**

The current edition is 2001.

- Report on progress towards FDIS ballot.
- Relevant documents: 1N1577.
- Relevant action: 2006-06/10.

The document has been held pending the ballot of Part 3 so that the base standard and its test methods proceed to ballot together.

**Action 2006-10/13:** Steve Brunt will finalise the draft of ISO/IEC 15457-2 and send it for FDIS ballot, concurrent with the other two parts of ISO/IEC 15457.

### **5.6.3 ISO/IEC 15457-3 Identification Cards – Thin flexible cards - Part 3: Test Methods.**

The current edition is 2002.

- Report on progress towards FCD ballot.
- Relevant Action items: 2005-06/11, 2006-06/12

In 1N1576, Michel Dancygier has provided the information requested

**Action 2006-10/14:** Steve Brunt will finalise the draft of ISO/IEC 15457-3 and send it for FCD ballot, concurrent with the other two parts of ISO/IEC 15457.

## **6. Liaison with other WGs**

### **6.1 Liaison with WG8 over Low Usage Contactless Cards**

ISO/IEC CD 14443-1 was approved, with two negative votes.

WG1 will advise WG8 of WG1's progress (Action 2006-03/1) regarding integration of physical requirements items transferred from ISO/IEC 14443-1 to ISO/IEC 7810 and/or ISO/IEC 15457-1).

This item was covered at least in part by the discussion relating to ISO/IEC 7810.

The DOC for the 14443-1 ballot will be circulated to WG1, as will the draft 2<sup>nd</sup> CD.

### **6.2 Liaison with WG3 over passport test methods**

Report on ad hoc liaison meeting 1N1526. WG1 Convenor report 1N1541.

There are currently no activities requiring WG1 assistance.

### 6.3 Liaison with CEN TC224.

- Relevant documents: 17N3111
- Relevant actions item: 2006-06/13

Steve Brunt reported the response made to SC17. There were no further comments.

### 6.4 SC17 Standing document 2

- Report on ballot result for proposed revision of SD2.
- Relevant documents 17N3061, 1N1565, 17N3083
- Relevant Actions: 2006-06/14.

Regarding the US comments, the response to the first was determined to be that it is noted and that appropriate action will be taken when it is required. Meanwhile, TFCs and MRTDs are not subject to the same degree of complexity due to multiplicity of working groups, as ID.1. The second and third comments are helpful and will be accepted.

**Action 2006-10/15:** Steve Brunt will produce a revised version of SD2, taking account of the agreed disposition of the US comments, and send it to SC17 for issue.

## 7. Any other WG1 business

There was no other business.

## 8. Review Action Item List.

### 8.1 Actions from previous meetings

**Action 2005-06/09: Steve Brunt** will provide information and comment relating to stripe width measurement problems for (paper) TFCs. [**terminated 2006-10**] [

**Action 2006-06/01: Laurence Robles** will ask Catherine Protic to send Denny Warwick (the Project Editor for this work) a copy of the current documentation for EN1332-5 in Word format. [**complete**]

**Action 2006-06/02: Denny Warwick** will prepare a new working document for the Tactile Identification Mark (TIM) based on the work item description. [**complete**]

**Action 2006-06/03: Steve Brunt** will distribute a copy of EN1332-5 to the WG1 Experts. [**complete**]

**Action 2006-06/04: Kevin Tall** will write a covering report for the RMC evaluation results table 1N1546 for inclusion in the WG1 document set. [**complete**]

**Action 2006-06/05: Kevin Tall** will draft a letter to the RMC contributors thanking them for their contributions. [**complete**]

**Action 2006-06/06: Steve Brunt** will capture the relevant material from the current edition of ISO 2409 and insert it into ISO/IEC 10373-2. [**complete**]

**Action 2006-06/07: Steve Brunt** will change the reference in ISO/IEC 10373-2 from IEC 454-2 to IEC 60454-2. [**complete**]



**Action 2006-06/08: Michel Dancygier** will resolve delamination resistance and stiffness issues in ISO/IEC 15457-1 Annex B [complete]

**Action 2006-06/09:** Once the additional information has been received from Michel Dancygier, **Steve Brunt** will update the draft FCD 15457-1 and send it to SC17 for FCD ballot. [superseded by Action 2006-10/11]

**Action 2006-06/10: Steve Brunt** will review the references in ISO/IEC 15457-2 to make sure they are up to date and submit the document to SC17 for FDIS ballot. [superseded by Action 2006-10/13]

**Action 2006-06/11: Michel Dancygier** will resolve the "tbd" values in clause 8 of 1N1533 [complete]

**Action 2006-06/12: Steve Brunt** will fix FCD 15457-3 once the new information has been received from Michel Dancygier. He will then send the document for FCD ballot. [superseded by Action 2006-10/14]

**Action 2006-06/13: Uwe Trüggelmann and Steve Brunt** will respond to the TC224 contribution 1N1524. [complete]

**Action 2006-06/14: Steve Brunt** will draft a proposed revision of SD2 and circulate for to WG1 Experts for comment before sending to Freda Bennett. [complete]

## 8.2 Actions from the 2006-10 meeting

**Action 2006-10/01:** Steve Brunt will notify WG4 that the ESD requirement from ISO/IEC 7816 has to be inserted into ISO/IEC 7810. The reason is that, although there is no common requirement, there is sufficient similarity to co-locate the two sets of ESD requirements from ISO/IEC 7816 and ISO/IEC 14443. He will also inform WG4 and WG8 that the corresponding ESD tests will have to be moved into ISO/IEC 10373-1 from ISO/IEC 10373-3, -6 and -7.

**Action 2006-10/02:** Denny Warwick will produce a disposition of comments for the draft common information ballot and a draft amendment for ISO/IEC 7810. Steve Brunt will send these to SC17 and request a ballot of the draft amendment.

**Action 2006-10/03:** WG1 Experts are requested to consult their national bodies and liaison organisations as to whether ISO/IEC 7810 should be opened up for review now or left until the end of its normal 5 year review period.

**Action 2006-10/04:** WG1 Experts are requested to obtain data relating to the new opacity test in ISO/IEC 10373-1 method so as to assist in establishing the ISO/IEC 7810 criteria.

**Action 2006-10/05:** WG1 Experts are requested to propose forms of words to extend the scope of 3.14 of ISO/IEC 781 to cover influences such as the conducting of electrostatic discharge currents. Experts should also comment on the advisability of doing this.

**Action 2006-10/06:** Denny Warwick will produce a draft FCD of ISO/IEC 7811-6 to be approved for FCD ballot at the next meeting.

**Action 2006-10/07:** Steve Brunt will write formally to Martin Albrecht to enquire what form of words would satisfy the PTB regarding guarantees and liability for use of the RM 7811-2 in ISO/IEC 7811-8 calibration. He will pass the response on to Denny Warwick.

**Action 2006-10/08:** Denny Warwick will make the necessary modifications to ISO/IEC FDIS 7811-8 to incorporate the form of words specified by PTB (see Action 2006-10/07) and send the result to Steve Brunt to arrange the FDIS ballot.

**Action 2006-10/09:** Denny Warwick will update the working document for ISO/IEC 7811-9 in line with the changes agreed at the 2996-10 meeting and prepare it for CD ballot. Steve Brunt will then arrange for a CD ballot so as to obtain a result in time for the March meeting.

**Action 2006-10/10:** Denny Warwick will produce an FDIS for ISO/IEC 8484. Steve Brunt will send it to SC17 for ballot.

**Action 2006-10/11:** Steve Brunt will update the working document for ISO/IEC 15457-1 and send it for FCD ballot, concurrent with the other two parts of ISO/IEC 15457.

**Action 2006-10/12:** Michel Dancygier will provide WG1 with a copy of the results underpinning the recommended values in 1N1576. Steve Brunt will register these as a WG1 document and cross-reference them to 1N1576.

**Action 2006-10/13:** Steve Brunt will finalise the draft of ISO/IEC 15457-2 and send it for FDIS ballot, concurrent with the other two parts of ISO/IEC 15457.

**Action 2006-10/14:** Steve Brunt will finalise the draft of ISO/IEC 15457-3 and send it for FCD ballot, concurrent with the other two parts of ISO/IEC 15457.

**Action 2006-10/15:** Steve Brunt will produce a revised version of SD2, taking account of the agreed disposition of the US comments, and send it to SC17 for issue.

## **9. Future Meetings.**

Subsequent meetings will be held as follows:

- Braunschweig, March 2007
- Japan, June 2007
- Berlin, October 2007