

Reference number of document: ISO/IEC JTC1/SC17/WG1 N **1702R2**

Date of registration: 2007-10-02

Committee identification: ISO/IEC JTC1/SC17/WG1

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**Title : WG1 Agenda for 2007-10-08/10**

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**Requested action : to prepare for the meeting**

Document type: WG1 Committee Document

Document subtype: N/A

Document stage: N/A

Document language: English

# **Agenda for the WG1 meeting, Berlin, Germany, 2007-10-08/10**

## **1. Opening of the meeting**

Uwe Trüggelmann, the WG1 Convenor, will call the meeting to order at 09.30 and hand over to Dr Shvartsman, the TF2 convenor, for the TF2 session.

## **1.2 TF2 session**

Following the TF2 session (see separate agenda), the WG1 session will recommence, proceeding as follows:

## **2. Adoption of the draft agenda**

The agenda 1N1702R2 will be adopted, subject to corrections and modifications agreed by the WG1 Experts.

Note: See also WG1 Document Register parts 1N1650 and 1N1700.

## **3. Introduction and roll call**

The WG1 Experts will introduce themselves in turn and a signing-in sheet will be circulated.

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

The minutes of the previous meeting 1N1682 will be reviewed and corrected as necessary.

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

WG1 will review the following standards, for which it bears responsibility.

### **5.1 Primary calibration standards**

WG1 is responsible for a number of primary calibration standards for quantities that are defined within the standards documents only by reference to those primary calibration standards. The standards documents themselves are inoperable without these primary standards and the availability of secondary calibration standards (Reference Materials in WG1 terminology) calibrated from them.

#### **5.1.1 RM7811-2 and RM7811-6**

**Reference documents:** 1N1705, 1N1706, 1N1707, 1N1716, 1N1717, 1N1719, 1N1721, 1N1727, 1N1692.

**Action 2007-06/01 :** The Reference Material Task Force [comprising Terry Schindler, Denny Warwick, Michel Dancygier, Steve Brunt and Uwe Trüggelmann] will produce a final report on their consultation with interested parties in time for the October meeting.

**Status:** WG1 Secretariat has written to ISO CS to clarify the formal obligations to be placed on the "owner" of a primary calibration standard. These are currently assumed to be similar to that placed on holders of critical intellectual property. Whether or not restrictions need to be placed on the suppliers of Reference Materials will depend upon whether or not there is a monopoly, or is likely to become one.

It has been proposed and tentatively agreed via email correspondence that formal responsibility for the safekeeping of the batches of cards that comprise the primary standard should be distributed between a number of agencies, including PTB. It is envisaged that an almost ideal form of storage is a safe deposit box in a bank vault under the access control of those to whom formal responsibility is given.

In view of the fact that this issue is of major significance for the continued smooth operation of the ISO/IEC 7811 and ISO/IEC 15457 series of standards, it has been decided that it would be wrong to come to any conclusion without a full and frank discussion involving the whole of WG1. In particular, the question of approving one or more agencies as issuers or secondary calibration standards (Reference cards) must be addressed.

**Enquiry:** Experts were asked to contact any parties likely to be interested in establishing a supply of Reference Materials, offering funding or providing any form of practical assistance. Interested parties were asked to write to the Secretary of WG1, Steve Brunt. At the time of writing, two expressions of interest have been received.

### **5.1.2 ORM7810 (Opacity standard)**

ORM7810 is the primary standard for card opacity measurements. It is currently administered by Eclipse Laboratories.

**Action 2007-06/02 :** Experts are requested to consider whether or not some formal safeguards should be put in place between WG1 and the sole supplier of ORM 7810, Eclipse Laboratories.

**Status:** WG1 Secretariat has written to ISO CS to clarify the formal obligations to be placed on the "owner" of a primary calibration standard. These are currently assumed to be similar to that placed on holders of critical intellectual property. Whether or not restrictions need to be placed on the suppliers of Reference Materials will depend upon whether or not there is a monopoly, or is likely to become one.

## **5.2 ISO/IEC 7810**

**Reference documents:** 1N1685, 1N1711, 1N1725.

The current edition is 2003 and the standard is now open for review.

**Action 2007-06/03 :** WG1 Experts are requested to consult their national bodies regarding ESD requirements for contactless cards.

Note: France has submitted a detailed proposal relating to ESD in 1N1669.

**Status:** To be determined during the meeting

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

It was decided that the amendment should proceed rather than be incorporated into the overall review.

A minor correction to 1N1638 was made and the document re-registered as 1N1638R.

**Action 2007-06/04:** Steve Brunt will edit the front sheet of 1N1638R and re-issue it, ensuring that the amendment proceeds to FDAM ballot.

**Status:** Action complete. The amendment, together with its Disposition of Comments, was sent to the SC17 Secretariat on 2007-06-15. The ballot document 17N3276 [7810 FPDAM1] and DoC 17N3277 were posted on the SC17 web site 2007-06-21 with due date of 2007-10-22.

### **5.2.2 Requirement relating to three wheel test**

Although there was no directly corresponding requirement, it had been agreed to incorporate the three wheel test from the normative annex of ISO/IEC 10373-3 into ISO/IEC 10373-1. Therefore, WG1 decided to insert a new requirement *IC module dynamic stress*, corresponding to the three wheel test, into the working document for ISO/IEC 7810.

**Action 2007-06/05** : Denny Warwick will update the ISO/IEC 7810 working document for further review at the next meeting.

**Status:** Complete. The revised document was distributed as 1N1685.

## **5.2 ISO/IEC 7811**

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

The current edition is 2002.

No need for further work on ISO/IEC 7811-1 is envisaged at present.

### **5.2.2 ISO/IEC 7811-2**

The current edition is 2001.

No need for further work on ISO/IEC 7811-2 is envisaged at present.

### **5.3.3 ISO/IEC 7811-6**

The current edition is 2001 with Amd 1 ( $U_{i6}$ ) 2005 and the standard is now open for routine review.

The FCD Ballot 17N3249 was posted 2007-04-24 and the result 17N3305 has been distributed. WG1 will need to address the one negative vote and the comments.

### **5.2.4 ISO/IEC 7811-7**

The current edition is 2004

WG1 will discuss the PTB proposal in 1N1706 that this standard should be withdrawn.

### **5.2.5 ISO/IEC 7811-8**

**Reference documents:** 1N1686.

This is a new part of ISO.IEC 7811.

**Action 2007-06/06** : Denny Warwick will make the necessary final changes to FDIS ISO/IEC 7811-8 and send it to Steve Brunt who will arrange for an FDIS ballot.

**Status:** Work in progress. The document was sent to the SC17 Secretariat for FDIS ballot on 2007-06-15. The ballot document 17N3275 was posted on the ISO server 2007-06-20 with a due date date "To be advised by ISO". A status query was sent to the SC17 Secretariat 2007-08-09.

### **5.2.6 ISO/IEC 7811-9**

Reference documents: 1N1688, 1N1689,

This is a new part of ISO/IEC 7811.

A revised version (1N1643R - correcting the status of the document to FCD) was distributed and sent for FCD ballot 2007-04-15.

The result of the FCD ballot 17N3303 has been distributed and, since there are no negative votes, WG1 can proceed to prepare the standard for FDIS ballot.

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

This standard will now proceed to publication.

No further action is required.

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

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

**Reference documents:** 1N1710, 1N1711, 1N1714, 1N1722, 1N1723.

The current edition is 2006.

**Action 2007-06/07:** Steve Brunt will write to WG8 to ask for a Word version of the current edition of ISO/IEC 10373-6 and to propose to WG8 that any test methods corresponding to the requirements transferred from ISO/IEC 14443-1 to ISO/IEC 7810 should be transferred from ISO/IEC 10373-6 to ISO/IEC 10373-1.

Note: France has submitted a detailed proposal relating to ESD in 1N1669.

**Status:** Action completed. The WG1 Secretary wrote to Michael Hegenbarth, WG8 Convenor, 2007-06-15 as follows:

WG1 have instructed me to write to WG8 with a request that WG8 review "their" parts of ISO/IEC 10373 with a view to identifying any test methods that relate to card properties now transferred from a contactless physical characteristics base standard (e.g. ISO/IEC 14443-1) into ISO/IEC 7810. Please send any such test methods to the WG1 Secretariat (steve.brunt@physics.org) in a Word-compatible file format. WG1 will incorporate these into an amendment of ISO/IEC 10373-1 currently in preparation as a result of taking over certain characteristics of IC cards (WG4) and their associated test methods.

WG1 do not propose to conduct a revision of the ISO/IEC 10373-1 at this time - the current edition is less than one year old - merely to add the "migrating" material by means of an amendment. Also, we would obviously prefer to make one amendment incorporating all migrating material, rather than a series of smaller amendments.

**Action 2007-06/08 :** Steve Brunt will update the ISO/IEC 10373-1 working document in time for the next meeting.

**Status:** Work in progress. Not yet complete.

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

The current edition is 2006.

In consideration of the fact that the current edition is less than one year old, WG1 agreed that the test method requirements of ISO/IEC 7811-8 should be accommodated by adding an annex into ISO/IEC 7811-8, rather than amending ISO/IEC 10373-2.

No further action is required for ISO/IEC 10373-2 at present.

## **5.6 ISO/IEC 15457**

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

**Reference documents:** 1N1694, 1N1695

The current edition is 2001.

The FCD ballot result 1N1647 was approval but with some comments to be resolved.

**Action 2007-06/09 :** Steve Brunt will implement the changes to FCD ISO/IEC 15457-1 and send the result with a DOC to SC17 for FDIS ballot

**Status:** Action complete. The Disposition of Comments and the FDIS were distributed 2007-07-13. The FDIS (doc and pdf versions) were sent to the SC17 Secretariat the same day. A reminder was sent to the SC17 Secretariat 2007-08-09. 17N3291 was posted to the SC17 web site 2007-08-09 with the ballot due date "to be advised by ISO".

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

The standard will now proceed to publication.

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

**Reference documents:** 1N1697, 1N1718.

The current edition is 2002.

The FCD ballot result 1N1648 was approval but with some comments to be resolved.

**Action 2007-06/10 :** Steve Brunt will implement the changes to FCD ISO/IEC 15457-3 and send the result with a DOC to SC17 for FDIS ballot

**Status:** Action complete. The Disposition of Comments and the FDIS were distributed 2007-07-13. The FDIS (doc and pdf versions) were sent to the SC17 Secretariat the same day. A reminder was sent to the SC17 Secretariat 2007-08-09. 17N3292 was posted to the SC17 web site 2007-08-09 with the ballot due date "to be advised by ISO".

## **5.7 ISO/IEC 24789 Identification cards – Card service life**

WG1 will review the work programme for ISO/IEC 24789-1 and ISO/IEC 24789-2 within TF2.

## **6. Liaison with other standards committees and working groups**

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

**Reference documents:** 1N1693, 1N1698, 1N1699.

**Status:** The 2<sup>nd</sup> CD ballot of ISO/IEC 14443-1 was extended by 17N3136 to 2007-01-24. The ballot result in 17N3189 included 3 negative votes that were subsequently resolved by WG8. The FCD was created and issued by WG1 as 1N1618 with the DOC in 1N1619. The FCD Ballot is in 17N3205 and has a closing date of 2007-06-16.

The ballot result has been received and the comments resolved. The current status depends on progress on the ISO/IEC 7810 amendment, as noted by the WG8 Convenor:

The further reason, why we can't yet forward your new text of 14443-1 as FDIS is the WG8 Resolution 38.05 (2nd one above), which says that

the launch of the FDIS vote will not earlier be processed than 7810/AM1 will have reached the status of an approved FCD..

## **6.2 Liaison with CEN TC224.**

There has been no further correspondence.

## **6.3 SC17 Standing document 2**

The current document is now in need of updating. Experts are invited to make contributions and/or suggestions.

**Action 2007-06/11** : Denny Warwick will update the “summary of standards” document.

**Status:** To be determined during the meeting.

## **7. Any other WG1 business**

Other WG1 business may be raised for discussion.

## **8. Review Action Item List.**

**Reference document:** 1N1701R.

### **8.1 Actions from previous meetings**

**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 7810 to cover influences such as the conducting of electrostatic discharge currents. Experts should also comment on the advisability of doing this.

**Action 2007-03/02:** All experts will consult with their national bodies or liaison organisations to identify material to be incorporated into the forthcoming revision of ISO/IEC 7810.

**Action 2007-03/08:** 5.2 of 1N1626 calls for a mil standard. If possible, an IEC standard should be substituted. WG1 Experts will make relevant comments and suggestions.

### **8.2 Actions from the 2007-06 meeting**

**Action 2007-06/01** : The Reference Material Task Force [comprising Terry Schindler, Denny Warwick, Michel Dancygier, Steve Brunt and Uwe Trüggelman] will produce a final report on their consultation with interested parties in time for the October meeting.

**Action 2007-06/02** : Experts are requested to consider whether or not some formal safeguards should be put in place between WG1 and the sole supplier of ORM 7810, Eclipse.

**Action 2007-06/03** : WG1 Experts are requested to consult their national bodies regarding ESD requirements for contactless cards.

**Action 2007-06/04:** Steve Brunt will edit the front sheet of 1N1638R and re-issue it, ensuring that the amendment proceeds to FDAM ballot.

**Action 2007-06/05** : Denny Warwick will update the ISO/IEC 7810 working document for further review at the next meeting.

**Action 2007-06/06** : Denny Warwick will make the necessary final changes to FDIS ISO/IEC 7811-8 and send it to Steve Brunt who will arrange for an FDIS ballot.

**Action 2007-06/07**: Steve Brunt will write to WG8 to ask for a Word version of the current edition of ISO/IEC 10373-6 and to propose to WG8 that any test methods corresponding to the requirements transferred from ISO/IEC 14443-1 to ISO/IEC 7810 should be transferred from ISO/IEC 10373-6 to ISO/IEC 10373-1.

**Action 2007-06/08** : Steve Brunt will update the ISO/IEC 10373-1 working document in time for the next meeting,

**Action 2007-06/09** : Steve Brunt will implement the changes to FCD ISO/IEC 15457-1 and send the result with a DOC to SC17 for FDIS ballot

**Action 2007-06/10** : Steve Brunt will implement the changes to FCD ISO/IEC 15457-3 and send the result with a DOC to SC17 for FDIS ballot

**Action 2007-06/11** : Denny Warwick will update the “summary of standards” document.

## **9. Future Meetings.**

Subsequent meetings will be held as follows:

- Barcelona [unconfirmed] March 2008
- Harrisburg, USA [confirmed], 2008-06-03/05
- Co-located with SC17 Plenary, October 2008