

International Committee for Information Technology Standards
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Date: December 13, 2006
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Draft Meeting Minutes for the 19th Meeting of the M1.3 task group (Biometric Data Interchange Formats) of INCITS Technical Committee M1, Biometrics

1. Administrative

- 1.1 Call to Order (chair)
The Chair called the meeting to order at 9:03 am.
- 1.2 Appointment of Recording Secretary
John Mayer-Splain foolishly agreed to act as the M1.3 Secretary.
- 1.3 Introduction of Attendees and New Members
The members introduced themselves.
- 1.4 Membership Report (Mr. Cannon)

REF: Jeopardy Letters: M1/06-0934
The Chair reviewed the Jeopardy Letter above.

Voting members present (18)

Aware, Inc.	L1
BioPassword	Mitretek Systems
Bioscrypt, Inc.	Motorola
Booz Allen Hamilton	NIST
Cogent Systems, Inc.	OSS Nokalvo
Cross Match Technologies, Inc.	Retica Systems
CSC	Transaction Security, Inc.
Daon	US ARMY - BTF
Fujitsu	US DHS

Voting members absent (15)

3M	Bearing Point
A4Vision Inc.	Geometrix
Anametrics	ID Tech Partners
Assa Abloy	NBSP
Authorizer Technologies	Purdue
BAI	Recognition Systems, Inc

Sagem Morpho, Inc.
UPEK

US DoS

Provisional (2)
Artec Group

Iritech, Inc.

Observer

Ex Officio

Liaison (1)
Voice XML Forum

1.5 Document Distribution

INCITS M1 documents are posted in the [M1 Document Register](#).

JTC 1 SC 37 document posted in the [JTC 1 SC 37 web site](#) are part of this agenda.

Documents were distributed via the M1 Document Register and memory stick at the meeting.

1.6 INCITS Antitrust Policy - **REF:** <http://www.incits.org/inatrust.htm>

The Chair reviewed the Antitrust Policy and encouraged the membership to read the document and conduct themselves appropriately.

1.7 INCITS IPR Policy - **REF:** http://www.incits.org/sd9_rev1c.htm#p8

The Chair reviewed the IPR Policy and encouraged the membership to read the document and conduct themselves appropriately.

2. Approval of Agenda – Revised Final Agenda (m1/06_1064)

Motion to accept the Revised Final Agenda (Crooks, Soutar) – Unanimous Consent

3. Approval of Draft Minutes for M1.3 Meeting #18 (Mr. Cannon) - **REF:** [M1/06-0925](#)

Motion to accept the Draft Minutes for M1.3 Meeting #18 (M1/06-0925rev) as amended for spelling of last names (Mayer-Splain, Swayze) – Unanimous Consent

4. US National Data Format Projects

4.1 Project 1564-D: Revision to INCITS 378-2004 - Finger Minutiae Format for Data Interchange

4.1.1 **FOR ACTION:** Appointment of Replacement Editor

REF: Resignation Letter Dr Jones ([M1/06-1025](#))

REF: Current Draft([M1/06-0978](#)), NIST Contribution ([M1/06-1037](#)) Proposed Summary Comment Disposition(M1/06-0993), TG Approved Comment Resolution(M1/06-0994), Revised Draft(M1/06-0995)

Chair opened the floor to nominations, acknowledging Mike McCabe had thrown his hat in the ring. Receiving no additional nominations, the Chair appointed Mike McCabe as editor of this project.

Action Item: Chair will issue a Call for Comments on moving fields from the general header to the view header (in response to NIST 21 from M1/06-0993).

Action Item: Chair will issue a standing instruction to editors to not reference any optional CBEFF requirements and to remove references to CBEFF in Data Interchange Format Standards.

There was discussion that a formal mechanism is necessary to harmonize common changes across all Data Interchange Format Standards.

***** Motion to approve Disposition of Comments (M1/06-0994) (Zektser, Soutar) – Unanimous Consent**

***** Motion to recommend to M1 to issue a 30 Day Letter Ballot to initiate Public Review of revised draft (M1/06-0995) (Cardwell, Zektser) – Postponed due to lack of required voting members**

4.2 Project 1563-D: Revision to INCITS 377-2004 - Finger Pattern Format for Data Interchange (Dr. Jahromi)

4.2.1 **FOR ACTION:** Review of tech contributions towards revised draft (m1/06-1035)

REF: Approved Standard INCITS 377-2004

***** Motion to recommend to M1 to issue a 30 Day Letter Ballot to initiate Public Review of revised draft (M1/06-1082) incorporating amendments offered during meeting (update history table, add introduction) (McCabe, Soutar) – Postponed due to lack of required voting members**

4.3 Project 1577-D: Revision to INCITS 381-2004 - Finger Image Format for Data Interchange (Mr. McCabe)

4.3.1 **FOR ACTION:** Review of tech contributions towards revised draft ([m1/06-1038](#))

REF: Approved Standard INCITS 381-2004

"The regulation of order shall not be proscribed" – Patrick Grother

***** Motion to approve Disposition of Comments (M1/06-1088) (Zektser, Cardwell) – Unanimous consent**

***** Motion to recommend to M1 to issue a 30 Day Letter Ballot to initiate Public Review of revised draft (M1/06-1081) (Cardwell, Zektser) – Postponed due to lack of required voting members**

4.4 Project 1576-D: Revision to INCITS 379-2004 - Iris Image Format for Data Interchange (Mahlmeister)

4.4.1 **FOR ACTION:** Approval of TG recommendation on action to address the alleged defects

REF: [M1/06-0675](#) (alleged defects filed by BTF), [M1/06-0418](#) (alleged defects filed by Iridian), [M1/06-0848](#) (Iritech comments on M1/06-0675), [M1/06-0928](#) (TG recommendation developed at the TG October meeting on action to address the alleged defects), M1/06-0988 (TG recommendation developed at the TG December meeting) - **(2/3 voting)**

***** No action taken**

4.4.2 **FOR ACTION:** Approval of response to comments/contributions

REF: Existing Standard, Proposed Summary Comment Disposition([M1/06-0987](#)), TG Approved Comment Resolution(M1/06-0990), Revised Draft(M1/06-0991)

***** Motion to approve Disposition of Comments (M1/06-0990) (Zektser, Mahlmeister) – Unanimous consent**

***** Motion to recommend to M1 to issue a 30 Day Letter Ballot to initiate Public Review of revised draft (M1/06-0991) (Mahlmeister, Crooks) – Postponed due to lack of required voting members**

4.4.3 **For Info:** BTF Contribution “National and International Iris Image Record Format Standards: Comparative Analysis Report”: **Ref** [M1/06_0977](#)

***** Deferred until International Projects**

4.5 INCITS 385:2004 – Face Image Format for Data Interchange

4.5.1 **FOR ACTION:** Approval of TG recommendation on action to address the alleged defects

REF: [M1/06-0593](#) (alleged defects filed by BTF), [M1/06-0929](#) (TG recommendation developed at the TG October on action to address the alleged defects), [M1/06-1024](#) (TG Proposed Resolution for Defect Report), M1/06-0996 (TG recommendation developed at the TG December meeting) - **(2/3 voting)**

***** Motion to approve the Disposition of Comments (M1/06-1083 as revised during the meeting) (Zektser, Mahlmeister) – Unanimous consent**

***** Action Item – Chair will request a project proposal and call for contributions for revision Face**

4.5.2 **For Info:** BTF Contribution “National and International Face Record Format Standards: Comparative Analysis Report”: **Ref** [M1/06_0976](#)

***** Deferred until International Projects**

- 4.6 Project 1565-D: Amendment to INCITS 385-2004 - Face Image Format for Data Interchange, Amendment 1: 3D Face

Status: Under Management Review

***** No action taken**

- 4.7 Project 1790-D: Biometric Fusion Data Format
4.7.1 **FOR ACTION:** Approval of response to comments/contributions

REF: Current Draft([M1/06-0950](#)), Proposed Summary Comment Disposition(M1/06-0997), TG Approved Comment Resolution(M1/06-0998), Revised Draft(M1/06-0999)

***** Motion to recommend to M1 to issue a 30 Day Letter Ballot to initiate Public Review of current draft (M1/06-0950) (Soutar, Lazarick) – Postponed due to lack of required voting members**

- 4.8 Project 1797-D: Keystroke Dynamics Format for Data Interchange– Review of Contributions
4.8.1 **FOR ACTION:** Appointment of Editor
4.8.2 **FOR ACTION:** Recommendation to M1 on further processing of the revised draft - REF: M1/06-0xxx (revised draft)

Note - this action will be deferred until a project editor is appointed.

***** No action taken – Project may be withdrawn at March meeting**

- 4.9 Project 1672-D: Biometric Sample Quality Standard (Benini)
4.9.1 **FOR ACTION:** Approval of response to comments/contributions

REF: Current Draft([M1/06-0948](#)), Aware Comments ([M1/06-980](#)), Aware Contribution ([M1/06-0979](#)) NIST Comments ([M1/06-1022](#)), NIST Contribution ([M1/06-1023](#)) Proposed Summary Comment Disposition([M1/06-1000](#)), TG Approved Comment Resolution(M1/06-1002), Revised Draft(M1/06-1001)

Chair recessed the meeting at 5:58 pm.

Chair reconvened the meeting at 9:00 am.

***** Motion to approve Disposition of Comments (M1/06-1002) (Cardwell, Lazarick) – Unanimous consent**

***** Motion to recommend to M1 to issue a 30 Letter Ballot for Public Review of revised draft (M1/06-1001) (Soutar, Lazarick) – Postponed due to lack of required voting members**

- 4.10 Project 1821-D: Speaker Biometrics Format for Data Interchange (Markowitz)
4.10.1 **FOR ACTION:** Approval of response to comments/contributions

REF: Current Draft([M1/06-1015](#)), Proposed Summary Comment Disposition(M1/06-1019), TG Approved Comment Resolution(M1/06-1020), Revised Draft(M1/06-1021)

***** Action Item – Call for Contributions on the current draft (M1/06-1015)**

4.11 INCITS M1 SD-2 Document Update (INFO) Ref: [M1/06-0927](#)

Approval of new IDs for Ten-print capture records and generic EFTS format – Chair instructed to add 8013,8014,8015

***** No action taken**

5. US National Data Format Conformance Project 1749-D: Conformance Testing Methodology Standard

5.1 Part 1: Conformance Testing, Generalized Conformance Testing Methodology (Dr. Campbell)

Will Be Submitted for Public Review

***** No action taken**

5.2 Part 2: Conformance Testing, Finger Minutiae (Mr. Cannon) – Letter Ballot Closed

5.2.1 **FOR ACTION:** Approval of LB comment resolution and TG recommendation to M1 on further processing of the revised draft - (**roll call - 2/3 voting** for forwarding the revised draft to INCITS for Public Review - **maj** for issuing a third M1 LB on forwarding the revised draft to INCITS for Public Review)

REF: [M1/06-0769](#) (5th draft), [M1/06-0960](#) (LB), M1/06-1004 (ballot results), [M1/06-1005](#) (Editor's proposed resolution of comments), M1/06-1006 (TG approved resolution of comments), M1/06-1007 (revised document based on the approved resolution of comments - to be developed after the December meeting)

***** Motion to approve Disposition of Comments (M1/06-1006) (Zektser, Mayer-Splain) – Unanimous consent**

***** Motion to recommend to M1 for further processing of the revised draft (M1/06-1007) (Cannon, Jahromi) – Postponed due to lack of required voting members**

5.3 Part 3: Conformance Testing, Finger Pattern (Dr. Jahromi) 30 day LB

5.3.1 **FOR ACTION:** Approval of TG recommendation – issuing a 30-day LB on forwarding the draft to INCITS for Public Review

REF: Current Draft(M1/06-0565), Proposed Summary Comment Disposition(M1/06-1008), TG Approved Comment Resolution(M1/06-1009), Revised Draft(M1/06-1010)

***** Motion to approve Disposition of Comments (M1/06-1009) (Mayer-Splain, Zektser) – Unanimous consent**

***** Motion to have Chair instruct the editor to incorporate technical content from Part 4 (M1/06-1014) (esp. Clause 6) in Part 3 (M1/06-1010) (Mayer-Splain, Zektser) – Unanimous consent**

***** Motion to have Chair instruct the editor to produce revised draft by February 1, 2007 (Soutar, Cannon) – Unanimous consent**

***** Action Item – Issue Call for Comments on revised draft when it is produced**

5.4 Part 4: Conformance Testing, Finger Image (Mr. Yen) – Status in Letter Ballot

5.4.1 **FOR ACTION:** Approval of LB comment resolution and TG recommendation to M1 on further processing of the revised draft - (**roll call - 2/3 voting** for forwarding the revised draft to INCITS for Public Review - **maj** for issuing a third M1 LB on forwarding the revised draft to INCITS for Public Review)

REF: [M1/06-0771](#) (draft), [M1/06-0961](#) (LB), M1/06-1011 (ballot results), [M1/06-1012](#) (Editor's proposed resolution of comments), M1/06-1013 (TG approved resolution of comments), M1/06-1014 (revised document based on the approved resolution of comments - to be developed after the December meeting)

"Never have so many comments been rejected in so little time by so few" – Patrick Grother

"Waah!" – Elaine Newton

***** Motion to approve Disposition of Comments (M1/06-1013) (Zektser, Mayer-Splain) – Unanimous consent**

***** Motion to recommend to M1 for further processing of the revised draft (M1/06-1014) (Zektser, Mayer-Splain) – Postponed due to lack of required voting members**

5.5 Part 5: Conformance Testing, Face Image as Part 5

5.5.1 NIST Contribution of First Draft ([m106-1039](#))

***** Action Item – Chair will issue a Call for Comment and Contributions on the First Draft (M1/06-1039) of Conformance Testing, Part 5: Face Image**

***** Action Item – Chair will request a project proposal for 3D Face or a revised project proposal for CTM: Part 5**

5.6 Part 6: Conformance Testing, Iris Image (Mr. Mahlmeister) as part 3

5.6.1 **FOR ACTION:** Approval of TG recommendation – issuing a 30-day LB on forwarding the draft to INCITS for Public Review

REF: Current Draft (WD2) ([M1/06-0130](#)), TG Approved Comment Resolution([M1/06-0460](#)), Revised Draft(M1/06-0462)

***** Motion to have Chair instruct the editor to incorporate technical content from Part 4 (M1/06-1014) (esp. Clause 6) in Part 6 (M1/06-0462) (Zektser, Tabassi) – Unanimous consent**

6. International Projects – Development of US Positions for SC37 WG3 Meeting in New Zealand

6.1 Approval of US NB delegation to SC37 WG3

FOR ACTION: Endorsement of US NB delegation

***** Motion to approve US NB delegation (Cannon, Tilton) – Unanimous consent**

6.2 SC37 19794: Multi-part biometric data format standard

6.2.1 19794-1 (Framework) FDIS ([SC37-N1314](#))

***** No action taken**

6.2.2 19794-2 (Fingerprint Minutia)

6.2.2.1 Editorship Positions for Part 2 and Part 9 - SC 37 Call for Nominations to replace Dr. Jones as Editor of ISO/IEC 19794-2, Biometric data interchange format, Part 2: Finger Minutiae Data and Co-editor of ISO/IEC 19794-9, Biometric Data Interchange Formats - Part 9: Vascular Image Data

6.2.2.1.1 **For Action:** Approval of TG recommendation

REF: Letter from Dr Jones ([SC37-N1846](#))

Chair opened floor to discussion on naming a replacement editor for Part 2 and a replacement co-editor for Part 9.

***** Motion to nominate Mike McCabe as editor of Part 2 (Tabassi, Zektser) – Unanimous consent**

***** Motion to nominate Jon Agre as co-editor of Part 9 (Agre, Lazarick) – Unanimous consent**

6.2.2.2NP on Procedural Clarification for Fingerprint Minutia Extraction

REF: Summary of Voting ([SC37-N1787](#)), Call for Contributions ([SC37-N1749](#))

The Chair reviewed the Summary of Voting and called attention to the Call for Contributions.

6.2.2.3Proposed Defect Report for 19794-2

REF: German Defect Report ([SC37-N1608](#)) NIST contribution addressing the Implementation Conformance Statement for the SC37 Finger Image Format

***** Delegates' instruction drafted**

6.2.3 19794-2 (Fingerprint Image)

***** Delegates' instruction drafted**

6.2.4 19794-5 (Face Image)

6.2.4.1 ISO/IEC 19794-5 Draft Technical Corrigendum 1

REF: ([SC37-N1751](#)), Ballot Results (SC37-NXXX)

***** Delegates' instruction drafted**

6.2.4.2 Defect Report 2

REF: ([SC37-N1632](#))

***** No action taken**

6.2.4.3 Defect Report 3 (Not Available Yet)

REF: (SC37-NXXXX)

***** No action taken**

6.2.4.4 Conditions for Taking Photographs for Face Image Data

REF: ([SC37-N1714](#), SC37-N1836)

***** Delegates' instruction drafted**

6.2.4.5 Amendment 2: 3-Dimensional Face Image Data Interchange Format

6.2.4.5.1 Summary of Comments and Proposed Disposition ([SC37-N1792](#)), 2nd WD
([SC37-N1775](#))

***** No action taken**

6.2.4.6 **For Info:** BTF Contribution “National and International Face Record Format Standards: Comparative Analysis Report”: **Ref** [M1/06_0976](#)

For Action: Submission of Defect Report

***** No action taken**

***** Action item – Chair will Call for Contributions on how to deal with International vs. National standards, migration between them, guidance to industry, etc.**

6.2.5 19794-6 (Iris Image)

6.2.5.1 Editorship for Part 6 and Part 1 – Call for Nominations to replace Dr. Cambier as Co-editor, of ISO/IEC 19794-1, Biometric data interchange format, Part 1: Framework and as Editor of ISO/IEC 19794-6, Biometric data interchange format, Part 6: Iris image data

6.2.5.1.1 **For Action:** Approval of TG recommendation

REF: Letter from Dr Cambier ([SC37-N1805](#))

***** Motion to nominate Udo Mahlmeister as co-editor of Part 6: Iris Image Data (McCabe, Cardwell) – Unanimous consent**

6.2.5.2 **For Info:** BTF Contribution “National and International Iris Image Record Format Standards: Comparative Analysis Report”: **Ref** [M1/06_0977](#)

For Action: Submission of Defect Report

***** No action taken**

6.2.6 19794-7 (Biometric Graphic Password)

6.2.6.1 NWI and revised NWI

REF: NP ([SC37-N1545](#)), Summary of Voting ([SC37-N1740](#)), Revised NP ([SC37-N1773](#)) Summary of Voting ([SC37-N1821](#))

***** No action taken**

6.2.7 19794-11 (Signature/Sign)

6.2.7.1 Project Editor ([SC37-N1726](#))

6.2.7.2 Call for Contributions ([SC37-N1724](#))

***** No action taken**

6.2.8 19794-12 (Face Identity)

6.2.8.1 Call for Editor ([SC37-N1727](#))

6.2.8.2 Disposition of Comments on NP ([SC37-N1710](#)), ([SC37-N1748](#))

***** No action taken**

6.2.9 NWI on Voice Data File Format (Speaker)

6.2.9.1 NP for New Std ([SC37-N1733](#)), Ballot Results([SC37-N1816](#))

6.2.9.2 NP for New Part ([SC37-N1742](#)), Ballot Results([SC37-N1818](#))

***** Delegates' instruction drafted**

6.3 NWI Conformance Testing Methodology

6.3.1 NWI

REF: NWI Proposal ([SC37-N1734](#)), Call for Contributions ([SC37-N1735](#)), Summary of Voting for NP ([SC37-1817](#)), **US Contribution for Finger Image Format Conformance** ([m1/06-1036](#)), **Potential US Contribution** (M1/06-1039)

***** Motion to forward M1/06-1036 and M1/06-1039 as US NB Contributions to NWI (Cannon, Benini) – Unanimous consent**

***** Motion to nominate Elham Tabassi as editor of Part 4 (Cannon, Mayer-Splain) – Unanimous consent**

***** Motion to nominate Gregory Zektser as editor of Part 1 (Cardwell, Mahlmeister) – Unanimous consent**

***** Motion to nominate Omid Jahromi as editor of Part 3 (Cannon, Zektser) – Unanimous consent**

***** Motion to nominate Udo Mahlmeister as editor of Part 6 (Cannon, Zektser) – Unanimous consent**

6.3.2 SG on Conformance Issues

6.3.2.1 Final Report (SC37-NXXXX)

***** Delegates' instruction drafted**

6.4 Biometric Sample Quality Standard

6.4.1 Part 1 Framework WD ([SC37-N1718](#)), Ukraine (SC37-N1847), Singapore (SC37-N1838), US (SC37-N1837), Germany (SC37-N1812)

***** No action taken**

6.4.2 Part 4 (Fingerprint Image) WD ([SC37-N1760](#)), US NB Contribution ([SC37-N1863](#)), Germany (SC37-N1813),

***** No action taken**

And the M1.3 membership remaining was awestruck when the Chair shared the joy of "Hanging Paragraphs" – ISO/IEC Directives Part 2 – Rules for the structure and drafting of International Standards, 2004 5th edition

6.4.3 Part 5 (Face Image) Call for Contributions ([SC37-N1723](#)), Germany (SC37-N1839),

***** Delegates' instruction drafted**

6.5 SG on Common Headers

6.5.1 Final Report (SC37-NXXXX)

***** No action taken**

6.6 For Action: Approval of US NB Position and Delegate Instructions to WG3

***** Motion to approve US NB Position and Delegate Instructions to WG3 (Zektser, McCabe) – Unanimous consent**

7. New Business

***** No new business was offered**

8. Review of Action Items (Mr. Cannon)

8.1 Future Meeting (M1.3, SC37 WG3) Schedule

REF: http://www.ncits.org/tc_home/m1.htm

REF: ([M1/06-1029](#))

Chair will issue a Call for Comments on moving fields from the general header to the view header (in response to NIST 21 from M1/06-0993).

Chair will issue a standing instruction to editors to not reference any optional CBEFF requirements and to remove references to CBEFF in Data Interchange Format Standards.

Chair will issue a Call for Contributions on the current draft (M1/06-1015) of Speaker Biometrics Format for Data Interchange.

Chair will Issue Call for Comments on revised draft (M1/06-1010) of Conformance Testing Methodology, Part 3: Finger Pattern when it is produced.

Chair will issue a Call for Comment and Contributions on the First Draft (M1/06-1039) of Conformance Testing Methodology, Part 5: Face Image

Chair will request a project proposal for 3D Face or a revised project proposal for Conformance Testing Methodology: Part 5

Chair will Call for Contributions on how to deal with International vs. National standards, migration between them, guidance to industry, etc.

9. Adjournment

***** Motion to forward all unprocessed motions to M1 (Zektser, Cardwell) – Unanimous consent**

***** Motion to adjourn (Mayer-Splain, Cardwell)**