

Document: M1/05-0817

Title: Draft minutes of December 2005 meeting of INCITS M1.3

Source: M1.3 chair (creed.jones@morpho.com)

Date: December 15, 2005

1. Administrative

1.1 Call to Order (chair) at 9:00 December 13 by Creed Jones

1.2 Membership and Attendance

1.2.1 Introduction of Attendees and New Members

1.2.2 Membership Report (Mr. Cannon)

Voting Members Present

A4Vision Inc.

Assoy Abloy

Aware, Inc.

BioPassword

Bioscrypt, Inc.

Cross Match Technologies, Inc.

Daon

Identix Corporation

Iridian Technologies

Mitretek Systems

Motorola

NBSP

NIST

OSS Nokalva

Purdue

Recognition Systems, Inc

Retica Systems

Sagem Morpho, Inc.

Transaction Security, Inc.

US DoD - BMO/BFC

US DHS

US DoS

Voting Members Absent

3M Company

Atmel Corporation

Bearing Point

Cogent Systems, Inc.

Geometrix

ID Tech Partners

The Aerospace Corpotion

Provisional

WV University

Intellitrack

Anametrix

Fujitsu

Observer

Authenticorp

Precise Biometrics

US Dept. of Justice

Liaison
ANSI
Voice XML Forum (intended)

Dropped
SIA

22 Voting Members Present out of 29 Total
Quorum for is 1/3 or 4 (whichever is greater) Quorum is 10

2/3 Rule Requirement is to have 15 Yes Votes
 $\text{yes}/(\text{yes}+\text{no}) \geq 2/3, \text{yes} \geq 15$

Majority Rule Requirements
 $\text{yes}/(\text{yes}+\text{no}+\text{abstain}) > 1/2$

Voting Rules
<http://www.ncits.org/rd2/t4.htm>

***** Actions that require 2/3 Voting
Project Proposals (Recommendation to M1)
Recommendations to M1
Response to ANSI Public Review Comments
Recommendations on Intl NP ballots
CD Vote
DIS Recommendation
FastTrack Candidacy

1.3 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.

1.4 Approval of Draft Minutes

1.4.1 Approval of the Draft Minutes for M1.3 Meeting #12 (Mr. Cannon) - REF: M1/05-0401
*** Benini/Jahromi - Motion to approve minutes (unanimous consent)

1.5 Approval of the Draft Agenda - REF: M1/05-0668

*** Cannon-Karaguiozian - Motion to approve revised agenda (unanimous consent)

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

2. US National Data Format Projects

2.1 Project 1797-D: Information technology - Biometric Data Interchange Formats - Keystroke Dynamics Data - (Mr. Friant)

2.1.1 FOR ACTION: Disposition of comments on initial draft document - REF: M1/05-0812 (comments from Sagem Morpho), M1/05-0813 (editor's proposed disposition)

The editor's proposed disposition of comments was presented.

*** Motion to approve disposition of comments (Jarohmi-Campbell) (unanimous consent)

2.2 Project 1790-D - Biometric Fusion Data Format - Part 1: Fusion Information format (Mr. Grother) - REF: M1/05-0659

2.2.1 FOR ACTION: Disposition of comments - REF: M1/05-0820 (Identix comments), M1/05-0843 (Mitretek comments), M1/05-0851 (editor's proposed disposition)

The editor's proposed disposition of comments was presented.

*** Motion to approve disposition of comments (Karaguiozian-McCabe) (unanimous consent)

2.3 Project 1564-D: Amendment to INCITS 378-2004 - Finger Minutiae Format for Data Interchange (Dr. Jones)

2.3.1 FOR ACTION: Disposition of initial comments on existing standard - REF: M1/05-0787 (new comments from Motorola),

M1/05-0786 (editor's proposed disposition)

*** Action: During discussion of polarity, it was determined that the polarity of the image (dark ridge or light ridge) does not need to be recorded in this standard, but should be added into INCITS 381 Technical discussion – in comment disposition:

- either instead of other
- ridge endings instead of medial valley
- invoke international definition
- call for comments on ridge encoding statistic
- contributions on alternative definitions/encodings
- 32 pixel counts on branches, find midpoint, calculate angle
- change polarity of images to support reverse to help with this

*** Motion to approve disposition of comments (Karaguiozian-Campbell) (unanimous consent)

*** Motion to generate ad-hoc (Karaguiozian-Beatson) (17-1-0-29) (Pass)

Terms of reference are:

Name: M1.3 Ad-Hoc group on INCITS 378 encoding rules

Chair: - John Mayer-Splain

Members:

- | | |
|-------------------|---|
| - Creed Jones | - Artour Karaguiozian |
| - Tim Brown | - Mike McCabe |
| - Patrick Grother | - John Campbell |
| - Greg Cannon | (a call for participation will be issued) |

Duration: to conclude at the April 2006 M1.3 meeting

Scope: Via electronic meeting (teleconference), to respond to calls for contributions, develop further detail on the issues of minutia location and angle, core and delta location and angle, a better example record and other aspects of minutia encoding that require more complete definition for INCITS 378.

2.4 Project 1563-D: Amendment to INCITS 377-2004 - Finger Pattern Format for Data Interchange (Dr. Jahromi) – general review; no action

2.5 Project 1565-D: Amendment to INCITS 385-2004 - Face Image Format for Data Interchange (Dr. Yukhin)

2.5.1 FOR ACTION - Disposition of comments - REF: M1050785rev (previous draft), M1/05-0824 (A4Vision comments), M1/05-0849 (editor's proposed disposition)

The editor's proposed disposition of comments was presented.

*** Motion to approve disposition of comments (Nobel-Splain) (unanimous consent)

Acknowledge Identix comments - even though they were late

The comments from Identix were received very late, but there was no objection to considering them because: they are in line with other comments, they are not difficult to respond to and they are useful.

*** Motion to approve disposition of Identix comments (Yukhin-Nobel) (unanimous consent)

2.5.2 FOR ACTION: Recommendation to M1 to issue an M1 Letter Ballot on forwarding the 3D Face Amendment for forwarding to INCITS for public review (2/3 vote).

*** Motion to recommend to M1 for letter ballot to public review (Cannon-Nobel) (15-0-1-29) Pass

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

3.1 Part 1: Generalized Conformance Testing Methodology (Dr Campbell)

3.1.1 FOR ACTION - Disposition of comments - REF: M1/05-0798 (NBSP comments), M1/05-0799 (editor's proposed disposition)

The editor's proposed disposition of comments was presented.

*** Motion to approve disposition of comments 799 as revised (Cardwell-Jahromi) (unanimous consent)

*** Motion to recommend to M1 for Letter Ballot (m105-0744 as revised) for Public Review (Cannon-Cardwell) (16-0-0-29)

3.2 - Part 2: Conformance Testing, Finger Minutiae (Mr. Cannon)

3.2.1 Review of current draft - REF: M1/05-0800 (2nd draft)

*** Motion to recommend to M1 for Letter Ballot for Public Review (Cannon-Cardwell) (15-0-0-29)

<< RECESS for the evening>>

<< RECONVENE at 9 AM on Wednesday>>

3.3 - Part 3: Conformance Testing, Finger Pattern (Dr. Jahromi)

*** Motion to instruct editor to remove portions related to part-1 content and publish 1st draft (Cardwell,Morozov) (unanimous consent)

3.4 - Part 4: Conformance Testing, Finger Image (Mr. Yen) - Ref M105-0720

Action: Instruct editor to harmonize it with existing multipart conventions and format, especially part 1

3.5 - Part 5: Conformance Testing, Face Image (Dr. Griffin)

3.5.1 Technical contribution from NBSP - REF: M1/05-0797

*** Discussed and Completed

*** M1.3 instruct editor to incorporate 797 and produce a 1st working draft proposal (Campbell,Nobel) (unanimous consent)

3.6 - Part 6: Conformance Testing, Iris Image (Dr. Cambier)

3.6.1 Technical contribution from Iridian - REF: M1/05-0832

*** Discussed - Document will be posted as a 1st draft, and comments encouraged relative to it

*** Motion to accept contribution as 1st working draft (Campbell, Cannon) (unanimous consent)

3.7 - Project proposal for Conformance Testing, Hand Geometry format (Mr. Tamer)

4. Other US National Projects

4.1 Project 1672-D: Biometric Sample Quality Standard (Mr. Benini)

4.2. Project Proposal "Information technology" Speaker Biometrics Format for Data Interchange

4.2.1 FOR ACTION: Recommendation to M1 on approval of the project proposal (2/3 vote) - REF: M1/05-0773 (draft project proposal M1/05-0815 (INCITS/VoiceXML Forum collaboration document)

*** Motion to recommend approve project proposal (Griffin, McCabe) (16-0-1-29)

4.2.2 FOR ACTION: Recommendation to M1 on establishment of mutual liaison with VoiceXML Forum

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REF: M1/05-0816 (liaison request)

*** Recommend to M1 a mutual liaison relationship (Splain, Campbell) (16-0-1-29)

*** Recommend to M1 that this revised document be forwarded to Incits for their consideration of the proposed collaboration between INCITS and VoiceXML (Caldwell, Splain) (unanimous consent)

4.3 CBEFF Format Type codes

4.3.1 FOR ACTION: Recommendation to M1 on approval of M1/05-0724 as update of M1 SD2 - REF: M1/05-0724 (CBEFF type codes)

*** Motion to recommend to M1 that M1 SD2 be updated with 724 as revised (Cannon-McCabe) (unanimous consent)

4.3.2 FOR ACTION: Recommendation to M1 to submit M1 data formats to IBIA for registration REF 37NSD8 (SC37 CBEFF registration procedure), 37NSD9 (SBEFF namespaces)

*** Motion to recommend to M1 update IBIA with SD-2 (Cannon-Tamer) (unanimous consent)

*** Motion recommend to M1.3 officers that as SD-2 is synchronized (Cannon-Caldwell)

(unanimous consent)

5. International Projects

5.1 SC37 19794: Multi-part biometric data format standard

5.1.1 SC37 19794-1 Biometric data Interchange formats - Part 1: framework

5.1.1.1 Development of US position for Kyoto

*** Completed

5.1.2 SC37 19794-2 Biometric data interchange formats - Part 2: finger minutiae data

*** Completed

5.1.3 SC37 19794-3: Biometric data interchange formats - Part 3: finger pattern spectral data

5.1.3.1 Development of US position for Kyoto

*** Completed

5.1.4 SC37 19794-4: Biometric data interchange formats - Part 4: finger image data

*** Completed

5.1.5 SC37 19794-5: Biometric data interchange formats - Part 5: face image data

5.1.5.1 amendment for 3D face data - REF: 3791377 (editing team proposed disposition of NB comments), 37N1378 (Base document)

5.1.5.2 amendment for taking face photographs - REF: 3791266 (working draft), 37N1393 (proposed response to NB comments)

*** Completed

5.1.6 SC37 19794-6: Biometric data interchange formats - Part 6: iris image data

5.1.7 SC37 19794-7: Biometric data interchange formats - Part 7: signature/sign time series data

5.1.7.1 Development of US position for Kyoto - REF: 37N1410 (proposed response to NB comments)

*** Completed

5.1.8 SC37 19794-8: Biometric data interchange formats - Part 8: finger pattern skeletal data

5.1.8.1 Development of US position for Kyoto - REF: 37N1417 (proposed response to NB comments)

*** Completed

5.1.9 SC37 19794-9: Biometric data interchange formats - Part 9: vascular image data

5.1.9.1 Development of US position for Kyoto - REF: 37N1373 (summary of voting on CD)

*** Completed

5.1.10 SC37 19794-10: Biometric data interchange formats - Part 10: hand geometry silhouette data

5.1.10.1 Development of US position for Kyoto - REF: 37N1403 (proposed response to NB comments)

*** Completed

5.1.11 SC37 19794-11: Biometric data interchange formats - Part 11: signature/sign processed dynamic data

5.1.11.1 Development of US position for Kyoto

*** Completed

5.1.12 SC37 19794-12: Biometric data interchange formats - Part 12: face identity data

5.1.12.1 Development of US position for Kyoto - REF: 37N1422 (proposed response to NB comments)

*** Completed

5.2 SC37 NP for a Biometric Sample Quality Standard

5.2.1 Development of US position for Kyoto- REF: M1/05-0655 (NIST comments on quality metric contributions),

37N1385 (editor's proposed disposition of NB comments), 37N1386 (part 1 proposed base document),

37N1391 (part 4 proposed base document)

*** Completed

5.3 Conformance Testing work within SC37

5.3.1 Development of US position for Kyoto

*** Completed

5.4 SC37 Defect Editing group for 19794

5.4.1 Development of US position for Kyoto - REF: 37N1225 (call for participation)

*** Completed

5.5 SC 27 project on Practical digital signature generation using biometrics

REF: 37N1202 (SC27 liaison statement to SC37), 37N1287 (US NB comments), 37N1278 (UK NB comments)

*** Completed

5.6 SC37 WG3 meeting, January 2006, Kyoto, Japan

5.6.1 FOR ACTION: Nomination and endorsement of US delegation to WG3

Creed Jones (HOD)

Don D'Amato

Patrick Grother

Pavel Morozov

Mick McCabe

Artiom Yukhin

Greg Cannon

David Benini

John Campbell

Samir Tamer

Jim Cambier

*** Motion recommend to M1 that this list of delegates be approved (Cannon-Tamer) (unanimous consent)

6. New Business

No new business

7. Review of Action Items (Mr. Cannon)

- Editors to advance their documents and projects

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8. Future Meeting Schedule

8.1 Future M1 and M1.3 meetings - REF: M1/05-0774

The next meeting will be a limited-agenda meeting in February to dispose of letter ballot comments on public review ballots for conformance part 1, conformance part 2 and 3d face amendment. M1.3 is requesting a one-day meeting.

The next full meeting is scheduled for April 2006.

8.2 Future SC37 and WG3 meetings - REF: M1/05-0774

SC37 WGs in January in Kyoto, SC37 in June in the UK

9. Adjournment (Cannon,Campbell) at 12:45 PM