

**M1/04-0518**

Minutes of the 8<sup>th</sup> meeting of M1.3 Data Formats

Meeting called to order Monday 8-16-04 at 1:15 PM

\*\*\* 1. Administrative

Call to order  
Introduction of Attendees/New Members  
Membership  
Procedures  
Document Distribution  
Antitrust

Prospective Members:

UWV (1st meeting declaration)

Members 26 (7 absent)

14 required to take action (simple majority of total membership)

19 present - 13 required for 2/3 majority of those present

1. 3M Ait	present
2. Aware	present
3. Bioscrypt	present
4. Identix	present
5. Iritech	present
6. Iridian	present
7. NBSP	present
8. NIST	present
9. OSS Nokalva	present
10. Recognition Systems	present
11. DOD BMO	present
12. Mitre	present
13. Authentec	present
14. SIA	present
15. Transaction Sec	present
16. Aerospace	present
17. Mitretek	present
18. Crossmatch	present
19. DHS	present
20. Purdue	absent
21. Lockheed	absent (jeopardy)
22. Business Solns	absent (jeopardy)
23. Sagem Morpho	absent
24. Unisys	absent (jeopardy)
25. Atmel	absent
26. DOS	absent (jeopardy)

DOJ has requested Observer Status

Secretary to send letters out to Business Solutions, DOS, Lockheed, Unisys  
advising them that their membership has been terminated

\*\*\* 2. Agenda Covered

MOTION: to approve agenda as revised (M1/04-0541) (Cannon, Campbell)  
Unanimous Consent

\*\*\* 3. Minutes Approved

MOTION: to approve minutes (Campbell, Cannon) Unanimous Consent

\*\*\* 4. Sign/Signature (INCITS 395) (Deferred)

MOTION: to forward to M1 the proposed disposition of public review comments as revised and posted as M1/04-0450(1603-D)  
(Cambier,Campbell) 14-0-0-26

MOTION: to recommend to M1 that a revision of Signature/Sign (INCITS 395) based on disposition of the public review comments and posted as M1/04-0516 be issued for a 30 day LB for 2nd PR  
(Hogan,Campbell) 14-0-0-26

MOTION: to recommend to M1 that a 30 day LB be issued for a revised project proposal posted as M1/04-0517 be issued for Project 1603-D

\*\*\* 5. Hand Geometry (Tamer)

)

MOTION: to approve the proposed disposition of public review comments to INCITS 396 as revised and posted as M1/04-0451, and to recommend to M1 that the revised draft be forwarded to INCITS for management review and further processing  
(Cannon,Noble) 14-0-1-26

\*\*\* 6. Finger Image Conformance Project 1705-D

Contribution Discussed - 1st Draft Standard and Call for Comments for October

Mr. Robert Yen of DoD BMO nominated as editor.

\*\*\* 7. Finger Minutia Conformance

Contribution Discussed - 1st Draft Standard and Call for Comments for October

\*\*\* 8. Iris Conformance Project

MOTION: to recommend M1 that the Iris Image Conformance Testing project proposal contained in M1/04-0331 be approved as a new project, to be assigned to M1.3, and that the project proposal be forwarded to INCITS for further processing  
(Cambier, Zekster) 14-0-1-26

9. International

\*\*\* 9.1 Hand Geometry Letter Ballot

MOTION: to recommend to M1 that the proposed vote and comments nominating Samir Tamer as editor posted as M1/04-0509 on the Hand Geometry NP ballot be approved as the US ballot response  
(Cambier-Campbell) 14-0-1-26

\*\*\* 9.2 Hand Geometry US Contribution

MOTION: that the technical contributions on Hand Geometry contained in document M1/04-0438 as modified in accordance with M1/04-0469 and posted

as M1/04-0505 be approved as a US NB contribution and submitted to SC37  
WG3  
(Cambier,Tamer) 14-0-1-26

9.3 Finger Pattern Skeletal  
Discussed - No Action Required

9.4 Signature/Sign (Deferred)

MOTION: to empower John Campbell and Rod Beatson to generate a revised US  
contribution on 19794-7 Signature/Sign Behavioral data based on comments  
posted as M1/04-0441  
(Cannon,Hogan) Unanimous Consent

\*\*\* 9.5 Finger Pattern Spectral

Call for contributions on N715 - No comments received

MOTION: to recommend to M1 that the ballot response approving the ballot  
without comment posted as M1/04-510 to the CD2 LB posted SC37 N666 be  
forwarded to SC37 by the M1 International Representative  
(Noble,Visbal) 15-0-0-26

\*\*\* 9.6 Finger Pattern Spectral

Review of US contribution in response to specific items in SC37 N665. No  
contributions received; no action taken

\*\*\* 9.7 Signature/Sign Behavioral Data

Review of US contributions in response to specific items in SC37 664. No  
contributions received so no action taken

\*\*\* 9.8 Quality Assignment Best Practices

Quality Discussion:

Algorithm ID should be derived from Capture Device ID  
High Quality Scores should improve ROC performance  
Scores should be useful for FTE or FTV uses  
Scores should have enough resolution  
Algorithms might also be tied to matcher  
Scores are relative to algorithm, not attempting absolute correlation  
Do not standardize on a specific quality algorithm because of possible IP  
problems  
Lookup info (cf iris illumination) already based on equipment id  
Consider using bit field  
    quality algorithm (ibia)  
    quality score (3 bits)

Objections

    Don't use capture device id  
        id sensor type for image processing  
        still a constraint and change for vendors  
        quality may be assessed independently of capture  
We need an absolute meaning - considered achievable

M1.3 chair should communicate to M1.2 that CBEFF needs to assure the mandatory existence of a field for device ID within CBEFF patron formats for various interchange file formats because SC37 wants to remove the device ID from the 19794 parts per comments from Japan and Germany on various 19794 parts

MOTION: that the technical contributions on Quality Assignment Best Practices contained in M1/04-0428 as revised and posted as M1/04-0514 be approved as a US NB contribution and forwarded to SC37 by the M1 International Representative  
Passed by majority vote

\*\*\* 9.9 Technical Experts for SC37 FCD Ballot Resolution (Doc #M1040513)

MOTION: that the following technical experts posted as M1/04-0513 be endorsed as US representatives to the SC37 FCD ballot resolution meeting to be held in September in Washington DC:

Creed Jones, Sagem Morpho, Inc.  
Robert Yen, DoD BMO  
Paul Griffing, Identix  
Patrick Grother, NIST  
James Cambier, Iridian Technologies  
Michael McCabe, NIST  
John Campbell, NBSP  
Fred Herr, Biometric Foundation  
Cathy Tilton, SAFlink  
Steve Elliott, Purdue  
Eric Kukula, Purdue  
Nate Sickler, Purdue

(Cambier,Noble) 15-0-0-26

\*\*\* 9.10 US position on NB comments on 19794-6 Iris Image

MOTION: that document M1/04-0454 be approved as the US position on other NB comments on the FCD 19794-6, Iris Image Interchange, for the SC37 ballot resolution meeting  
(Visbal, Campbell) 14-0-1-26

\*\*\* 9.11 US position on NB comments on 19794-4 Finger Image

MOTION: that document M1/04-0512 be approved as the US position on other NB comments on the FCD 19794-4 Finger Image Interchange, for the SC37 ballot resolution meeting  
(Hogan, Cannon) 15-0-0-26

\*\*\* 9.12 US position on NB comments on 19794-5 Face Image

MOTION: that the editor's proposed comment disposition be approved as the US position on other NB comments on the Face Image FCD for the SC37 ballot resolution meeting  
(Campbell, Visbal) 14-0-0-26

\*\*\* 9.13 US position on NB comments on 19794-2 Finger Minutiae

No proposed comment disposition was received so no action was taken.

\*\*\* 9.14 US vote on CD 19794-1 Data Formats Framework

MOTION: that the proposed CD ballot posted as M1/04-0506 on the SC37 Framework (19794-1), with comments in M1/04-0440, be approved as the US NB vote on this ballot

\*\*\* 10.0 Quality Ad Hoc

Revised Terms of Reference for the M1.3 Ad Hoc Group on Quality Assignment Best Practices to be prepared and posted as M1/04-0542

The Ad Hoc will be reconstituted through the January 2005 meeting of M1.3

\*\*\* 11.0 New Business

Presentation from DoD BMO on "Fingerprint Standards: Overview and Comparative Analysis" posted as M1/04-0399

Discussion of preparation of contribution on Data Structures for an Extensible Fingerprint Template Data Format by Authentec to be posted as M1/04-0508

Discussion of Part 1 harmonization effort.

MOTION: to recommend to M1 to approve M1/04-0504 as a US NB contribution toward harmonization of 19794-1, 19795-1, and 24713-1 (Visbal, Nobel) 13-0-1-2

Proposal that M1.3 form an Ad Hoc Committee on Generalized Conformance Testing Methodologies. Call for participants and terms of reference posted as M1/04-0515

Appointed by chairman:

Gregory Zektser  
Robert Yen  
David Benini  
Greg Cannon  
James Cambier

\*\*\* 12. Review of Action Items

Preparation of future contribution on 19794-7 - Beatson, Campbell

Statement to M1.2 requesting that they send a contribution to WG2 mandating inclusion of device ID in the CBEFF patron format - Cambier

\*\*\* 13. Future Meeting Schedule

Next Meeting Oct 4-8 Date unknown