

Minutes of the 11th meeting of Task Group M1.2 on Technical Interfaces of INCITS Technical Committee M1, Biometrics**Tuesday, October 4, 2005, 9:00AM - 6:00PM.**Williamsburg Hospitality House
Williamsburg, Virginia

Reference Agenda: M1/05-0647 as revised.

1. Administrative

Call to Order (Mr. Herr)

Mr. Herr called the meeting to order at approximately 09h05.

Mr. Kyle agreed to take the meeting notes/minutes.

1.2 Introduction of Attendees and New Members

The membership was introduced.

1.3 M1.2 Membership

Mr. Herr performed a roll-call of the members.

The following voting members were present:

1. 3M-AiT
2. Aerospace
3. Biocom
4. The Biometric Foundation
5. Cogent
6. Cross Match
7. Daon
8. DoD BMO
9. ID Technology Partners
10. Identix
11. NIST
12. OSS Nokalva
13. Retica Systems
14. Saflink

The following voting members were absent:

15. Assa Abloy
16. Bearing Point
17. DoD DISA
18. A4Vision
19. Iridian Technologies

1.4 Document Distribution

INCITS M1 documents are posted in the M1 Document Register. JTC 1 SC 37 documents related to Technical Interfaces that are posted in the JTC 1 SC 37 web site are part of this agenda.

Mr. Herr distributed documents.

1.5 Approval of the Draft Minutes for M1.2 Meeting #10, June 7-8, 2005 (Mr. Herr)**Reference:** M1/05-0405Mr. Herr highlighted the minutes of the 10th meeting of M1.2.**Motion:** Approve minutes as posted. Zektser / Buettner. Unanimously approved.**1.6 INCITS Antitrust Guidelines****REF:** <http://www.incits.org/inatrust.htm>

Mr. Herr highlighted the INCITS Antitrust guidelines.

2. Approval of the Agenda

REF: M1/05-0647

Mr. Herr reviewed the agenda and the changes made.

Motion: Approve revised agenda as posted. Tilton / White. Unanimously approved.**3. Chairman's Remarks****Note:** Reference documents appearing in red do not exist before the meeting, but are included here as reserved document numbers and titles going into the M1 meeting.

Mr. Herr offered no remarks.

4. National Projects

4.1 INCITS Project 1703-D - Conformance Testing Methodology for ANSI INCITS 358-2002, BioAPI Specification

For review: review Draft 3 and consider next step for the project.

References: [M1050403](#)

Mr. Zektser informed the TG that the document is considered complete and highlighted the work that is being done to cross-validate the two test-suite documents. Once this is done Mr. Zektser informed the group that the document should be ready for ballot for public review. Mr. Podio suggested that the TG wait until the M1.2 meeting in December prior to issuing a ballot due to timing considerations. Mr. Zektser suggested that a call for comments be issued prior to this process occurring. Mr. Jerde highlighted that there are still some comments that need to be addressed in the document prior to public review.

Action: It was agreed that the M1.2 Chair would issue a call for comments and contributions to close by November 11 2005 so that the membership may review the document before the document is put out for ballot after the December meeting of M1. The Editor will perform a proposed disposition of comments on the document.

4.2 INCITS Project 1538-M - Amendment to INCITS 358-2002 (BioAPI) to support multi-modal biometric fusion.

This project has been approved by INCITS.

References: [M1/05-0221](#), [M1/05-0298](#)

Mr. Herr highlighted that the project was approved and that no new contributions were reviewed yet on this project. Mr. Triglia proposed that the document as submitted by OSS Nokalva at the 10th meeting of M1.2 be used as the first WD. Mr. Herr suggested that a call for comments on the contribution be issued. Mrs. Tilton suggested that the TG could either instruct Mr. Triglia to create a first WD out of the original contribution or issue a call for comments on the contribution prior to creating a WD. The group discussed the next steps.

Action: Mr. Herr suggested that the contribution M1/05-0298 be adopted as the first WD and a call for comments on the first WD be issued with a closing date of 11 November 2005.

4.3 INCITS Project 1622-M - Amendment to 398-2005, Common Biometric Exchange Formats Framework

This project has been approved by INCITS.

For action: Appointment of project editor. Resolution of comments.

References: [M1/05-0328](#), [M1/05-0329](#)

[M1050498](#) NIST/TBF list of proposed changes to address alleged defects

[M1050594](#) NIST comments

M1050602 Approved disposition of comments on project 1622-M, INCITS 398-2005 CBEFF amendment.

Mr. Podio announced that Mr. Tim Brown would serve as the Project Editor on this document. Mr. Herr reviewed document 498 in detail. A lengthy discussion ensued pertaining to the use of different patron formats within a single nested structure.

The discussion on document 498 continued pertaining to the registration regulations and procedures pertaining to the registration of patron formats by the IBIA.

Action: Establish an informal experts group to discuss and formulate comments on Clause 2b and clause 3 of the general comments, discuss with the IBIA and produce a recommendation to M1.2 to be submitted by Nov 11 for discussion at the December meeting of M1.2. The first meeting will be on Tuesday 11th October 2005 via teleconference at 15h00 EST.

Preliminary members:

Fernando Podio

Jim Cambier

Cathy Tilton

Alessandro Triglia

Fred Herr

Action: Mr. Tim Brown will prepare the amendment draft document based on the comments reflected in documents 498, 594 and 602 and considering comments raised during the discussion on these documents by November 11, 2005.

Mr. Podio started a discussion pertaining to the use of GPS information within CBEFF and Data Interchange Formats. Mr. Podio was authorized by M1.2 to discuss with experts from other TG's issues relating to including GPS information in these records.

4.4 Draft Project Proposal - Biometric Identity Assurance Services (BIAS)

References: [M1/05-0526](#) (draft proj. prop.),

[M1/05-0527](#) (Draft proposed letter to INCITS Executive Board Related to M1/05-

0526)

M1050603 M1.2 to M1 recommended BIAS project proposal

M1050604 M1.2 to M1 recommended letter to INCITS Executive Board related to BIAS project proposal

M1050605 M1 approved BIAS project proposal

M1050606 M1 approved letter to INCITS Executive Board related to BIAS project proposal.

Mr. Podio made introductory remarks about this project proposal. Mr. White and Mrs. Tilton reviewed a presentation relating to the project proposal as well as document M1/05-0527 as revised.

Motion: M1.2 forwards M1/05-0603 to M1 with a recommendation that M1 approve this document as an M1 project proposal. M1/05-0603 will consist of M1/05-0526rev as amended in the M1.2 meeting to include the addition of BIP in the technical references list.

White/Zektser. 12/0/0/19.

Note: There were no issues or concerns raised about M1/05-0527 and the TG took no action on this document.

5. International Projects

5.1 ISO/IEC 19784-1: Information Technology – BioAPI Biometric Application Programming Interface - Part 1: BioAPI Specification

5.1.1 **For action:** Recommend US response to FDIS ballot. (Note: while the FDIS ballot has not yet begun, the text is available as 37N1242.)

Reference: [37N1242](#)

M1050608 M1.2 to M1 recommended US NB ballot response: FDIS 19784-1, BioAPI Part 1

M1050607 M1 approved recommendation to INCITS EB for ballot response: FDIS 19784-1, BioAPI Part 1

Mrs. Tilton reviewed the status of the document and ballot. Action was deferred to the December meeting of M1.

5.2 ISO/IEC 19784-2: BioAPI Biometric Application Programming Interface - Part 2: Biometric Archive Function Provider Interface

5.2.1 **For action:** Recommend US response to FCD ballot.

References: [37N1209](#), [M1050427](#)

M1050609 M1.2 to M1 recommended US NB ballot response: FCD 19784-2, BioAPI Part 2

M1050612 M1 approved US NB ballot response: FCD 19784-2, BioAPI Part 2

Late comments were received from OSS Nokalva. The meeting agreed that these comments should be submitted with the US ballot response.

Motion: M1.2 recommends (m1050609) to M1 that the US vote Yes with comments on this FCD ballot. Kyle/Tilton. 11/0/0/19.

5.3 ISO/IEC 19785-1: Common Biometric Exchange Formats Framework (CBEFF) – Part 1: Data Element Specification

5.3.1 **For action:** Recommend US response to FDIS ballot.

References: [37N1181](#)

M1050610 M1.2 to M1 recommended US NB ballot response: FDIS 19784-1, CBEFF Part 1

M1050611 M1 approved recommendation to INCITS EB for ballot response: FDIS 19785-1, CBEFF Part 1

Motion: M1.2 recommend to M1 that M1 recommend to INCITS EB a YES vote on this ballot. Tilton/Triglia. Rollcall vote. 12/0/0/19.

Yes votes from:

1. Aerospace
2. Biocom
3. The Biometric Foundation
4. Cogent
5. Cross Match
6. Daon
7. DoD BMO
8. IDTP
9. Identix
10. OSS Nokalva
11. Retica Systems
12. Saflink

5.4 ISO/IEC 19785-2: Common Biometric Exchange Formats Framework – Part 2: Procedures for the Operation of the Biometrics Registration Authority

5.4.1 **For action:** Recommend US response to FDIS ballot.

References: [37N1182](#)

M1050613 M1.2 to M1 recommended US NB ballot response: FDIS 19785-2, CBEFF Part 2

M1050614 M1 approved recommendation to INCITS EB for ballot response: FDIS 19785-2, CBEFF Part 2

Motion: M1.2 recommend to M1 that M1 recommend to INCITS EB a YES vote on this ballot. Buettner/Cannon. Rollcall vote. 12/0/0/19.

Yes votes from:

1. Aerospace
2. Biocom
3. The Biometric Foundation
4. Cogent
5. Cross Match
6. Daon
7. DoD BMO
8. IDTP
9. Identix
10. OSS Nokalva
11. Retica Systems
12. Saflink

5.5 ISO/IEC 19785-3: Common Biometric Exchange Formats Framework – Part 3: Patron Format Specifications

5.5.1 **For Action:** Recommend US response and comments to CD ballot.

References: [37N1245](#), [M1050474](#)

[M1050509](#) OSS Nokalva comments

M1050615 Consolidation and proposed disposition of comments on CD ISO/IEC 19785-3, CBEFF Part 3

M1050617 M1.2 to M1 recommended US NB ballot response: CD 19785-3, CBEFF Part 3

M1050616 M1 approved US NB ballot response: CD 19785-3, CBEFF Part 3

Mr. Herr and Mr. Triglia briefly reviewed the comments submitted by OSS Nokalva.

Motion: Recommend that M1 approve M1/05-0617 as comments and that US vote YES on this CD ballot. Zektser/Buettner. Approved 12/0/0/19

5.6 ISO/IEC 24708: BioAPI Interworking Protocol (BIP)

5.6.1 For action: Develop US comments on WD4.

Reference: [37N1268](#), [M1050488](#)

[M1050511](#) OSS Nokalva comments

M1050512 OSS Nokalva supplementary comments

[M1050634](#) Approved US TAG comments on WD 24708, BioAPI Interworking Protocol

Mr. Triglia briefly reviewed the OSS Nokalva comments contained in documents M1/05-0511 and M1/05-0512.

Motion: Approve and submit M1/05-0634 as US comments on WD4. Cambier/Buettner. Approved unanimously.

Action: Mr. Triglia will compile M1/05-0634.

5.6.2 For action: Develop US comments on BIP Issues document.

Reference: [37N1269](#), [M1050490](#)

5.7 ISO/IEC 24709: Conformance Testing for BioAPI

5.7.1 FCD 24709-1 Conformance Testing for BioAPI - Part 1: Methods and Procedures

For action: Recommend US ballot response and comments on FCD ballot.

Reference: [37N1208](#), [M1050426](#)

[M1050530](#) DoD BMO comments

M1050618 Consolidation and proposed disposition of comments on FCD ISO/IEC 24709-1, BioAPI Conf. Test Part 1

[M1050620](#) M1.2 to M1 recommended US NB ballot response: FCD 24709-1, BioAPI Conf. Test Part 1

M1050619 M1 approved US NB ballot response: FCD 24709-1, BioAPI Conf. Test Part 1

Mr. Zektser reviewed document M1/05-0530.

Action: Mr. Zektser to submit DOD BMO comments in M1/05-0530 as M1/05-0620.

Motion: Recommend M1/05-0620 to M1 as the official US NB comments and ballot response on FCD ballot SC37N1208 with a yes vote. Zektser / Buettner. 12/0/0/19.

5.7.2 24709-2: Conformance Testing for BioAPI - Part 2: Test Assertions for Biometric Service Providers

For action: Develop US contribution for the next WD.

Reference: [37N1213](#), [M1050428](#)

[M1050520](#) DoD BMO contribution

M1050621 Approved US TAG contribution to WD 24709-2, BioAPI Conf. Test Part 2

Mr. Zektser reviewed document M1/05-0520.

Action: Mr. Zektser to submit DOD BMO contribution in M1/05-0520 as M1/05-0621.

Motion: Submit document M1/05-0520 to SC37 as the US NB comments on October 5 2005 and the M1 IR will request that the document be posted immediately. Zektser/Triglia. Unanimously approved.

5.7.3 24709-3: Conformance Testing for BioAPI - Part 3: Test Assertions for BioAPI Frameworks

For action: Recommend US candidate for project editor.

Reference: [37N1217](#), [M1050432](#)

For action: Develop US contribution for the base document.

Reference: [37N1214](#), [M1050431](#)

No US nominations for Editor were received.

No US contributions were received.

No action was taken.

5.7.4 24709-4: Conformance Testing for BioAPI - Part 4: Test Assertions for BioAPI Applications

For action: Recommend US candidate for project editor.

Reference: [37N1218](#), [M1050433](#)

For action: Develop US contribution for the base document.

Reference: [37N1215](#), [M1050429](#)

No US nominations for Editor were received.

No US contributions were received.

No action was taken.

5.8 ISO/IEC WD3 24722, Technical Report on Multi-Modal Biometric Fusion.

5.8.1 For action: Develop US comments on WD3.

Reference: [37N1271](#), [M1050491](#)

[M1050569](#) Purdue Univ contribution

[M1050591](#) DHS comments

[M1050592](#) CSC comments

- [M1050593](#) NIST comments
 M1050622 Consolidation and proposed disposition of comments on WD3 ISO/IEC 24722, TR on Multi-Modal Fusion
 M1050623 Approved US TAG comments on WD3 ISO/IEC 24722, TR on Multi-Modal Fusion

Mr. Lazarick reviewed the status of WD3.

Mr. Kukula reviewed document M1/05-0569.

M1.2 delegates authority to AHGEMS to compile and submit comments to M1 for approval on behalf of M1.2.

5.9 WD 19784-1 BioAPI Amendment 1, BioGUI

5.9.1 **For action:** Develop US comments on WD.

Reference: [37N1263](#), [37N1264](#), [M1050489](#)

- [M1050510](#) OSS Nokalva comments
 M1050624 Consolidation and proposed disposition of comments on WD ISO/IEC 19784-1, BioAPI Amd 1, BioGUI
[M1050625](#) Approved US TAG comments on WD ISO/IEC 19784-1, BioAPI Amd 1, BioGUI

Mr. Triglia reviewed document M1/05-0510.

Motion: Approve and submit M1/05-0625 as US comments on WD. Zektser/Tilton. Approved unanimously.

Action: Mr. Triglia will compile M1/05-0625.

5.10 19784-3 BioAPI Lite

5.10.1 **For action:** Develop US contribution (note specified contribution requirements).

Reference: [37N1216](#), [M1050430](#)

- M1050639 SAFLINK contribution on the scope of the BioAPI Lite project
 M1050640 The Biometric Foundation contribution on the scope of the BioAPI Lite project
 M1050626 Approved US TAG contribution on the scope of the BioAPI Lite project

Mr. Herr briefly reviewed the contributions received. There was consensus that all the comments are useful and should be forwarded, but they should be merged into a single, coherent contribution, but there was not enough time to do this during the TG meeting.

Motion: Establish an Ad-Hoc group with the following ToR.

Title: M1.2 Ad Hoc Group on BioAPI Lite Contribution

Chair: Fred Herr

Duration: Oct 4 – Nov 1, 2005

Purpose: The AHG shall perform the following tasks:

- a. Merge the content of the technical contributions from TBF and SAFLINK (M1/05-0640 & M1/05-0639) to form a single US contribution against ISO/IEC JTC1 SC37 N1216, BioAPI Lite.
- b. Submit to the M1 IR this contribution by the closing date of 1 Nov 2005.

Tentative Meeting Schedule: Telecon to be held at 9 AM eastern on 17 Oct 2005.

Members: Herr, Tilton, Cannon, Triglia, Buettner

Cannon/Buettner. Unanimously approved.

5.11 WD 24741 Technical report on a biometrics tutorial

5.11.1 **For action:** Develop US comments.

Reference: [37N1272](#), [M1050495](#)

- [M1050633](#) Identix comments on WD 24741, TR on a biometrics tutorial
[M1050635](#) TBF comments on WD 24741, TR on a biometrics tutorial
 M1050636 Consolidated comments on WD 24741, TR on a biometrics tutorial
 M1050627 Approved US TAG comments on WD 24741, TR on biometrics tutorial

Mr. Herr reviewed the comments received (document M1/05-0627)

Mrs. Tilton reviewed some late comments from Saflink.

Motion: Forward document 687 with cover letter identifying sections that US considers useful within tutorial together with copyright waiver letter to SC37. Zektser/White Unanimously approved.

Motion: Approve comments in 636 for submission. Cambier/Zektser. Unanimous approval

Action: Mrs. Tilton compile cover letter for above and formulate summary of US comments for submission.

5.12 SC 37N1241 call for comments on Text of ISO/DIS 19092-1, Financial Services - Biometrics - Part 1: Security framework

Source: ISO/TC 68/SC 2/WG 10

5.12.1 **For action:** Develop recommended US comments and submit to M1.

Reference: [37N1241](#), [M1050472](#)

- [M1050595](#) SAFLINK comments on ISO/DIS 19092-1,
 Financial Services - Biometrics - Part 1: Security framework
[M1050638](#) The Biometric Foundation comments on ISO/DIS 19092-1
 M1050628 Consolidation and proposed disposition of comments on ISO/DIS 19092-1,

Financial Services - Biometrics - Part 1: Security framework

[M1050629](#) Approved US NB comments on ISO/DIS 19092-1, Financial Services - Biometrics - Part 1: Security framework

Mr. Herr and Mrs. Tilton reviewed the comments documents.

Motion: Fred Herr to create 628 out of 595 and 638 and incorporate comments from Matt Tilton/Buettner. Approved unanimously.

Action: Matt to consult original SC37 liaison report to TC68 and formulate comments out of submitted comments documents for submission to M1 as US comments.

5.13 SC 37N1246 Text for 1st Working Draft 24761, Information technology - Security techniques - Biometric authentication context (BAC)

5.13.1 **For action:** Develop recommended US comments and submit to M1 (SC 37 will consolidate all NB comments and transmit to SC 27 through the liaison officer, Mr. Cannon).

Reference: [37N1246](#), [M1050473](#)

[M1050596](#) SAFLINK comments on SC 27 WD 24761, Biometric authentication context

[M1050518](#) Cross Match Technologies comments on SC 27 WD 24761, Biometric authentication context

[M1050637](#) The Biometric Foundation comments on SC 27 WD 24761, Biometric authentication context

M1050630 Consolidation and proposed disposition of comments on SC 27 WD 24761, Biometric authentication

context

[M1050631](#) Approved US NB comments on SC 27 WD 24761, Biometric authentication context

Mr. Herr reviewed the US member comments.

Motion: Establish an Ad-Hoc group with the following ToR.

Title: M1.2 Ad Hoc Group on BAC

Chair: Fred Herr

Duration: Oct 4 – Nov 1, 2005

Purpose: The AHG shall perform the following tasks:

- a. Formulate a list of US comments.
- b. Submit to the M1 IR these comments by October 7.

Tentative Meeting Schedule: 4 October 2005.

Members: Herr, Tilton, Cannon, Triglia

Cannon/Triglia. Unanimously approved.

5.14 SC 37 N1248 (version 4) SD2, Harmonized Biometric Vocabulary (Dr. Elliott)

5.14.1 **For review:** Review terms of particular interest to M1.2.

Reference: [37N1248](#), [M1050446](#)

[M1050648](#) Contribution from M1.1 inviting M1.2 to review particular terms

Mr. Elliot reviewed document M1/05-0648 and requested comments on the document. No further action was taken on this item.

6. New Business

No new business was offered.

7. Future Meeting Schedule

December 12-16, 2005 - M1.2 and M1, Toronto, ON, CA

January 9-14, 2006 - SC 37 working groups only, Kyoto, Japan

Reference:

Mr. Herr reviewed the meeting schedule.

8. Review of Action Items

Mr. Kyle briefly reviewed the action items.

9. Adjournment

Motion to adjourn the meeting at approximately 17h50.

Jerde/Brown. Unanimously approved.