

APPROVED

23 JUL 2001

International Association for Identification



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AFIS Committee Minutes – February 2001

The International Association for Identification (IAI) AFIS Committee convened at the US Army Crime Laboratory, Fort Gillem, Georgia, on 22 and 23 February 2001. These minutes reflect the key discussions and decisions from the meeting.

1 Call to Order

The meeting was called to order by Chairman Ed German

2 Roll Call

IAI AFIS Committee members present and constituting a quorum were Lloyd Bunbury, Stephen Meagher, Jeri Eaton and Ed German. A complete roster of the 30 attendees is attached.

3 Approval of Agenda

3.A -Tentative Topics were discussed as follows:

- Continuity of Unfinished Projects/Traditions from Pre-2000 AFIS Committee
- SWGFAST Reaffirmation of Need for High Resolution Ten Print Images
- Wisconsin's State-Side IAFIS LP Management Software (Search Management)
- IAI Conference AFIS Presentations – July 2001 – Miami, FL
- Joint AFIS Users Group Meeting
- Other topics suggested by the Committee and visitors:
 - Need for Education
 - Interoperability Standards
 - Misanalysis Feedback to Vendors
 - Generate interest/awareness in more agencies (e.g., IACP, NSA)
 - AFIS Statistics standardization
 - International AFIS Interoperability
 - AFIS/IAFIS (FBI) Latent Print Interoperability
 - AFIS/IAFIS (FBI) Ten Print Interoperability
 - AFIS/AFIS (multi-vendor) Interoperability
 - Free IAFIS (no software purchase) Access via the Internet for American Law Enforcement
 - New Image Quality Standards in the Paperless Environment (“the sky is not falling” and 1000 ppi display is possible with extraction/matching operating at 500 ppi)

- Invitation for Bid Guidance to Help Law Enforcement Agencies (Most Bang for the Agency's Buck)
- Guidance on Mini-AFIS versus the Big Guys... Where is the Cut-Off in Database Size and What are the Pro's and Con's
- Balancing IAI AFIS Committee vendor interests (they will always charge what the market will bear) with Law Enforcement interests (they live off our budgeted money AND we cannot operate at our best without their input and cooperation)
- Other Topics which primarily benefit the Interests of the "international law enforcement fingerprint identification community"
- Lights out TP/TP guidance - Lights out Verification when SID furnished, etc.
- Best Practices Document

The meeting was explained as open to all visitors until midday on 23 FEB 01, at which time a business meeting would convene excluding vendors. With the aim of gaining maximum input from all attendees during the limited time available, the agenda was thinned down to the following items:

- Review of July 2000 minutes
- Needs for Education
- Interoperability Standards
- Misanalysis Feedback to Vendors
- Generating interest/awareness in more agencies - National Sheriff's Association, International Association of Chiefs of Police (NSA, IACP)
- AFIS statistics standardization

3.B - Review of July 2000 minutes

Draft of July 2000 meeting minutes as prepared by Peter Higgins were discussed. Meagher pointed out a typo (missing "we") in the third paragraph of page 8. No further modifications needed per comments from attendees.

3.C - Needs for Education

Tom Hopper discussed his potential IAI presentation on a "Pilot Latent Print Exchange Network." Steve Meagher will get CJIS to coordinate an IAFIS speaker at the IAI. Joe Brown is lecturing in Miami on optimal encoding techniques for IAFIS and remote services.

An IAI Educational presentation was discussed involving Garbage-in, Garbage-out (GIGO), Ten Print Quality Problems, End-to-End QC/QA, Live-scan calibration, etc. Format discussed was Powerpoint presentation tool for users, with a sample "attaboy" post-AFIS hit certificate for the TP recorder... and more. The presentation should perhaps use real case scenarios... success and failure. The Goal is a training tool for trainers.

3.D - Interoperability Standards

IAFIS capability is now 1200 searches per day at 30% penetration but the average search is only 15 to 17%, thus 2300 LP searches are possible

per day. The next IAFIS hardware upgrade should increase that capability ten fold.

Tom Hopper has a draft Best Practices document (for latent ID services/exchange network).

It was discussed that there exists a need for a universal Memorandum of Agreement (MOA) for interagency LP to LP exchange.

3.E - Misanalysis Feedback to Vendors

Vendors attending discussed various feedback mechanisms and lack thereof. Some have match analysis tools for users to evaluate what the matcher sees, etc.

Vendors attending generally agreed to the concept (but did not promise to follow-through) of searching NIST SD latents and records against each other and reporting in July 2001 the 20 LP's producing the lowest matching scores in their system. Encoded is to use the vendor's best practices. It was discussed that perhaps by the July meeting, a plan could be formulated for a feedback mechanism.

3.F - Generating interest/awareness in more agencies

Marty Ludas recommended a survey be conducted to gather information of the percent LP's AFIS suitable and % of cases with AFIS suitable LP's. Ken Moses' may have stats of value for this purpose. The resulting information could be used in an article for IACP/NSA .

Creation of an on-line 10 most wanted LP's and 10 most wanted TP's was discussed.

3.G - AFIS statistics standardization

Discussion centered on meaningful statistics and the following four values were considered to have greatest value and meaning:

Cases where any AFIS searches occurred

LP's ID'd

Persons ID'd

Cases with AFIS ID's

(optional - # Cases with "spin-off" ID's)

It was discussed that definitions need to have caveats to avoid misinterpretation. Also an explanation of statistical fallacies should be considered.

3.H – SWGFAST 1000 ppi Reaffirmation Letter

SWGFAST's 16 FEB 2001 letter was discussed (copy attached) and discussion centered on accepting with a caveat explanation clarifying the "Level 2 detail" portion. (Three of the four IAI AFIS Committee voting members present are also SWGFAST members and were partly responsible for the letter.)

4 Approval of Minutes

July 2000 meeting minutes drafted by Peter Higgins, with the page 8 third paragraph missing “we” typo corrected, were approved.

5 Unfinished Business

None.

6 New Business

- 6.A - Creation of online web pages for Ten Most Wanted LP’s and Ten Most Wanted TP’s on the IAI AFIS web site was approved. Action item for Ed German.
- 6.B - An IAI presentation on End-to-End Quality Issues (It begins and ends with real people – a training the trainer type presentation) was approved. Peter Komarinski’s data should be considered for inclusion. Action item for Steve Meagher.
- 6.C - Tabled for the July 2001 meeting Agenda:
- Articles for IACP/NSA on record print quality needs
 - Articles for IACP/NSA on AFIS interconnectivity
 - Universal/American MOA for LP-to-LP exchange
 - AFIS Statistics standardization
 - Review of Tom Hopper’s Best Practices Document for Interconnectivity
 - Lights Out Best Practices for TP Identification
 - Develop Educational Tool for Non-FP Managers reference general FP knowledge
- 6.D - The drafting of a plan for vendor and user match analysis (NIST SDB 27 – FBI’s good, bad and ugly 300 LP’s and 27,000 NIST ten prints) lowest 20 LP matches... was approved. Action item for Lloyd Bunbury.
- 6.E - A motion for the IAI AFIS Committee to work with the IAI to help Tom Hopper get a booth for inter-AFIS connectivity demo – RFES and ULW together... was approved. Action item for Ed German.
- 6.F - SWGFAST’s 16 FEB 2001 letter was discussed (copy attached) and a motion endorsing the letter was approved, with a caveat explanation clarifying the “Level 2 detail” portion. The letter should be coordinated with Mike Wiener’s Committee and staffed by the IAI Board of Directors. Action item for Ed German.
- 6.G – The drafting of a letter to the CJIS APB requesting state-to-state IP messaging, was approved. The letter should mention 1995 and 1997 LP user requests (cite document). Action item for Jeri Eaton.

6.H – The Committee approved a recommendation that the IAI FP Identification Committee and SWGFAST be urged to develop training tools for educating managers and AFIS vendors reference level 1, 2 and 3 detail. Action item for Ed German.

6.I – The Committee approved coordination and collection of PITO and Canadian statistics on LP's and Palms toward possibly drafting a survey for IAI sponsorship. Action item for Steve Meagher.

7 Approval of Next Meeting Location

The IAI Conference was approved as the next meeting location – Miami in July 2001.

8 Adjournment

Ed German, Chair, adjourned the meeting.

IAI AFIS Committee Meeting Attendees 22-23 FEB 01 - Fort Gillem, Georgia

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