

International Association for Identification



January, 2009 – IAI Monthly Update

FYI, this update is sent each month to all IAI board members, officers, committee chairs, regional representatives, division secretaries, certification board chairs and secretaries, division editors and IAI staff. This update contains information that is of particular interest to these groups. It is also available on the “Members’ Area” of the IAI’s website. Please see the last page of *Identification News* for login and password information.

Hello again from the IAI office.

National Institute of Standards (NIST) – *Expert Working Group on Human Factors in Latent Print Analysis*

On December 15 and 16, 2008, NIST convened a working group to address the above topic, specifically dealing with error rates in latent fingerprint identification. The goal of the group is to define what is meant by error rate, seek to identify the underlying causes of error and work to create recommendations to minimize those errors.

A complete overview of the working group can be found at the following web link:

http://www.theiai.org/nij_lp_analysis.pdf

Many IAI members as well as individuals from academia have been chosen to serve on this working group. There are also members from the private sector who are well known for their work in risk assessment, error detection and prevention and root cause analysis.

The questions being asked and discussed by this working group have the potential to greatly affect the latent fingerprint community.

The next meeting is set for February or March 2009. As part of the root cause analysis planned for the next meeting, actual and theoretical cases where less than desirable outcomes occurred will be discussed.

Please see the February/March 2009 issue of *Identification News* for more complete information on this very important initiative.

ATTN: Division Secretaries

Many divisions have Crime Scene and Latent Print Certification Committees. A few divisions also have Tenprint and Forensic Photography Certification Committees. Quite often we find that

a division changes the chair of one of those committees but fails to notify the IAI office of the change. Because applications for certification in those disciplines are sent for approval to the chair of the respective division committee, it is imperative that this office be notified if/when the chair changes. Fairly often applications are sent to a person who is no longer the chair causing a significant delay in processing the application.

Thanks in advance for your assistance with this.

AFIS Interoperability Working Group

As you know, the National Institute of Justice (NIJ) is partnering with the National Institute of Standards and Technology (NIST) Office of Law Enforcement Standards (OLEES) to support the NIST/NIJ AFIS Interoperability Working Group. The third working group meeting has been scheduled for January 27-28, 2009 in San Diego, CA.

The first day will be dedicated to interacting with AFIS vendors. Using a panel format, each vendor representative will be given time to present on how their current technology supports interoperability as well as outline how R&D efforts will improve interoperability. On the second day the group will hear presentations on:

- Overview of Information Sharing Mandates (i.e., relevant statutes, executive orders and Presidential guidance) that provide and facilitate the means for sharing information among all appropriate Federal, State, local, tribal, private sector, and foreign partners.
- The Information Sharing Environment (<http://www.ise.gov/pages/vision.html>) mandated by the Intelligence Reform and Terrorism Prevention Act of 2004. Section 1016 of the law required the President to designate a Program Manager for the ISE and establish an [Information Sharing Council](#) to advise the President and the Program Manager. This presentation will provide the working group with an update of current activities of this body.
- The draft Model Procurement Specifications created by several Working Group members will be reviewed and discussed with the goal of reaching consensus on the content for a sample RFP. Once finalized, this will serve as the initial document in the "Interoperability Toolkit" that will be provided to state and local agencies.

A number of IAI members serve on this Working Group. As I have noted in the past, this is the first time concrete action is being taken to address the longstanding problem of lack of interoperability of AFIS systems. We thank NIST and NIJ for creating and funding this group and also Melissa Taylor from NIST for her outstanding job in leading and coordinating the Working Group's activities.

FBI CJIS Advisory Policy Board (APB) – Peter Komarinski

Peter Komarinski, Chair of the IAI's AFIS Committee and representative to the Identification Services Sub-Committee (ISS) of the FBI's Advisory Policy Board (APB) submitted the following information regarding the recent meeting of the APB.

The CJIS Advisory Policy Board (APB) held its winter meeting on Dec 3-4 2008. In addition to the members of the APB, the meeting was well attended by a variety of state, local and federal criminal justice agency representatives as well other interest groups. As has been a long-standing custom, the IAI is invited to attend the meeting and speak to the APB on current IAI initiatives and respond to questions. Peter Komarinski, Chair of the AFIS Committee, represents the IAI. Peter also represents the IAI on the Identification Services Subcommittee of the APB.

The IAI's report to the APB on recent activities included:

- An overview of the 2008 Educational Conference
- The anticipated report from the National Academies on Forensics Sciences
- NIST - AFIS Interoperability Working Group
- NIST - Expert Working Group on Human Factors in Latent Print Analysis
- Standardization II Committee
- NIST Mobile ID
- Inform IAI membership of developments of CJIS Biometric Center of Excellence and FBI BioSpecs website at <http://www.fbibiospecs.org/fbibiometric/biospecs.html>

For those with LEO access, the APB Action and Information Only items for the meeting can be found by going to

LEOSIGS
PUBLIC LEOSIGS
CJIS
Advisory Process Information

Look for more information on the APB and the Center of Excellence in an upcoming issue of *Identification News*.

AFIS News

The below information was supplied by Peter Komarinski and Peter Higgins. For more information on each item, please visit the website shown below.

The Federal Bureau of Investigation (FBI) Electronic Biometric Transmission Specification (EBTS) Version 8.1 is now available for public dissemination via the www.fbibiospecs.org website.

Due to the recent implementation of certain technical capabilities designed to augment the IAFIS, the FBI's EBTS has been updated to reflect such ancillary information.

Below is a list of the most notable areas of revisions within EBTS v 8.1:

- Significant efforts have been made to note those EBTS specifications which do not clearly delineate between the functionality within the IAFIS that is currently available to the CJIS user community and what is anticipated to be developed in the future.
- Seven new Type-2 Record Field Tags have been created and will be used in design to facilitate the NGI acceptance of DNA, Rap Back, and III participant sealing.
- A special Departmental Orders Channeling Electronic (DOCE) Type of Transaction (TOT) has been created specifically for the electronic submission (through designated Channeling Agencies only) of noncriminal justice applicant fingerprint transactions with the corresponding receipt of an electronic response.
- As a "Future Capability", the citizenship field will be updated to allow up to 10 entries.

- EBTS section 3.1.2 regarding Special Population Cognizant (SPC) files will be removed since SPC functionality is not supported by the IAFIS and will not be supported by the future Next Generation Identification (NGI).
- EBTS Rap Back section 3.16 has been updated with the results from previously approved APB Action Items and some definitions have been modified.
- Various tables/data within the Appendices section have been updated (e.g., inaccuracies corrected, placed in numerical or alphabetical order, deleted due to material duplication/summarization, etc.).
- According to ANSI/NIST standards, the IAFIS will receive and store as part of a Tenprint Fingerprint Identification Search: 1,000 pixels per inch (ppi) images, Iris, Palmprint, Photo, Supplemental Fingerprint and Palmprint data, and Type-99 Common Biometric Exchange File Format (CBEFF) biometric data record.
- To clarify requirements, a new section (i.e., 5.0 Mobile ID) has been added to Appendix F *IAFIS Image Quality Specifications* for certification of Mobile ID fingerprint capture systems.

The SABER Report prepared by MITRE for the CJIS Division is now also available. The report is being distributed by CJIS on a disc. The report and updates are also available at www.biometriccoe.gov

For more information on either of these items, please contact Peter Komarinski at pkomarin@nycap.rr.com or by phone at (518) 357-4934.

As always, don't hesitate to contact the IAI office if there is anything we can do to assist you.

Joe Polski