
From: Fredrick T. Martin [mailto:ftmartin@topsecret.net.com]
Sent: Wednesday, July 30, 2008 9:01 PM
To: ICAHST Council Members (icahst@topsecret.net.com)
Cc: Fredrick T. Martin (ftmartin@vzw.blackberry.net)
Subject: Feedback from 30 July ICAHST Meeting

Attachments:

1. Attendee List 30 July 2008.pdf
2. Final Agenda 30 July 2008.pdf
3. Morgan SL LE Visits 30 July 2008 2008.pdf
4. Lantzy RAWG Brief 30 July 2008.pdf
5. Martin Website Slides 30 July 2008.pdf
6. Draft Agenda C-IED Informational Workshop NRO 19 August 2008.pdf
7. Wilson NIJ Geographic Profiling 30 July 2008.pdf
8. Miller VA Fusion Center 30 July 2008.pdf

To all –

On behalf of the ICAHST Chair, Dr. John S. Morgan, I would like to thank all of you who came to the fourth *Interagency Council for Applied Homeland Security Technology* (ICAHST) Meeting on 30 July held at National Counterterrorism Center (NCTC) support facilities located within the MITRE campus in McLean, VA. In particular, we would like to thank our hosts for their hospitality and support – including Mr. James Lantzy, NCTC Deputy Chief Technology Officer, and MITRE support personnel.

Twenty five Council members or alternates and two NCTC interns were in attendance from DOJ/NIJ, DHS, NCTC, NRO, NSA, FBI, ATF, NIST, DOE (Sandia National Laboratories), the Office of Science and Technology Policy (OSTP), the Technical Support Working Group (TSWG), the Virginia State Police and the District of Columbia Metropolitan Police Department (DCMPD); as well as adjunct representatives from the International Association of Chiefs of Police (IACP) and the University of Southern California / Information Sciences Institute. The meeting was held at the UNCLASSIFIED level. For your convenience, I have attached a listing of the attendees and their contact information.

Meeting Summary

Primary discussions at this meeting included feedback from the Chairman, Dr. Morgan, on his visits to State/Local law enforcement; updates/status from the two ICAHST Working Groups (Civil Liberties and Research Agenda); a discussion of the upcoming ICAHST sponsored Counter-Improvised Explosive Device (C-IED) “Informational Workshop” in August; and the new ICAHST secure website; a briefing on Geography and Public Safety by the National Institute of Justice; and a briefing on the Virginia Fusion Center, as well as other briefings of interest to the ICAHST Coalition directly from State/Local law enforcement representatives.

Meeting Discussions

Mr. Lantzy welcomed the ICAHST members to NCTC and this meeting. With the relatively large number of new participants, Dr. Morgan asked each person to briefly introduce themselves and their organization.

ICAHST Activities from the Chair

Dr. Morgan discussed the recent visits that he and other ICAHST members have made to the chiefs of police in various state/local law enforcement agencies, including his recent visit to the Major Cities Chiefs Association meeting in ID as well as visits to the Las Vegas Police Department (January 2008), the District of Columbia Metropolitan Police Department (March 2008), the Boston Police Department (May 2008), and the upcoming visit to the Miami/Dade

Police Department in August. He also cited his recent session with DHS/S&T Under Secretary Jay M. Cohen on 9 July at which time the Under Secretary reiterated his support for ICAHST and collaborating with the National Institute of Justice. This session was a follow up to their joint meeting at the NRO in November 2007 to tour the NRO Futures Laboratory.

Dr. Morgan cited three reflections or broad themes in the ICAHST visits to state/local law enforcement to date:

- **Fusion Centers:** There is some concern among chiefs that not all fusion centers are fully relevant to their day-to-day operations. Although there are solid successes, much work remains to be done. This was discussed in a recent seminar conducted at Harvard University as part of their *Criminal Justice Policy and Management Program* attended by Dr. Morgan and a number of the top technology oriented chiefs of police from around the nation.
- **Predictive Policing:** There exists a huge need for “Predictive Policing,” i.e., while the ability has existed for years to retrospectively examine data, the need now is to implement new technologies such as “Geographic Profiling” to use data to perform crime forecasting and predict police needs.
- **Investigation Aids:** There is great interest – especially cited in the visit to Boston – in tools that will aid the police in their day to day crime investigations.

Dr. Morgan concluded by emphasizing the need for ICAHST members to address these problems of state/local law enforcement through specific collaborative efforts endorsed by the Council.

For convenience, I have attached the slides associated with the remarks by Dr. Morgan.

Civil Liberties Working Group (CLWG) Status:

This working group is charged with leveraging civil liberties protection efforts underway across government in order to develop an approved set of policy guidelines for research activities undertaken by ICAHST. The goal is to ensure that the comprehensive set of privacy protection rules under development across government would be applied to all ICAHST research activities.

Peter Sand, DHS Privacy Office, is co-chairing this working group with Mr. Alex Joel, the ADNI for Civil Liberties Protection in the Office of the Director of National Intelligence. Both were unable to attend this session; however, Mr. Sand requested that it be reiterated that the overall strategy is to apply the DHS structured privacy, civil rights/liberties compliance process to the operation of all ICAHST Research Agenda Working Group (RAWG) projects to ensure that all research projects that use “*personally identifiable information*” (PII) will also contain the required privacy/civil liberties protections.

Research Agenda Working Group (RAWG) Status:

Mr. James Lantzy, the NCTC Deputy Chief Technology Officer, gave a presentation on the status of this working group. He stressed that progress is being made in the various RAWG committees, including:

- **ICAHST Research Needs; Chair:** Chris MacKenn (TSWG)
Purpose: To revisit and update/revise/prioritize the existing ICAHST Long Term Research Needs document

Ms. MacKenn gave an update on this effort. She explained that they have merged ICAHST needs with two existing documents – NIJ Requirements Document and the current DHS/S&T High Priority Technology Needs Document – and have emerged with a single draft document that will be distributed to the ICAHST Coalition. In addition, the committee also is working to post these various documents on the new ICAHST website.

- **Protected Computing Environments; Chair:** Blair Deem (USMS)

Purpose: To define the problem set, explore ongoing efforts, and determine feasibility of developing a proof-of-concept pilot for secure and/or protected portable electronic devices to support unclassified, sensitive but unclassified (SBU), and classified voice and data

Mr. Lantzy explained that Mr. Blair had been promoted and can no longer chair this committee, although he plans to continue his participation in ICAHST activities. This ongoing effort continues with the FBI and others in the development of joint proof-of-concept pilots using the Blackberry and other mobile devices.

- **Technology Benchmarking; Chair:** Jim Lantzy, NCTC

Purpose: To engage in ICAHST sponsored outreach activities including specific technology exploration visits to industry, academia, and government locations to determine applicability to mutual homeland security and counterterrorism problems

Mr. Lantzy explained that his organization was going through a reorganization, but that technology exploration trips constitute a key part of his work for this committee – providing the foundation for enhanced RAWG technology understanding and enabling critical first hand operational and R&D community interface.

- **ICAHST Industry Day/Conference; Chair:** Tom Martin, ICAHST

Purpose: To explore the concept of an ICAHST “Industry Day,” and/or periodic ICAHST Conference presentations

It was reiterated that additional members are needed and welcome in every RAWG committee.

I have attached the slides used by Mr. Lantzy in his presentation.

The activities of both working groups will continue to be presented at future Council meetings for endorsement and approval.

ICAHST Secure Website

The undersigned gave a briefing on the newly developed ICAHST logo as well as the development of the ICAHST secure website. A key premise of ICAHST is to collaboratively maximize information sharing of homeland security related research, tools, techniques, technologies, and prototypes through partnerships with other agencies – a prime example of which is this new secure website. With the discontinuation of the DHS/S&T project known as the “Interagency Collaboration Network” (ICON), development of this website became a high priority.

The website is now operational and available at:

<https://www.icahest.org>

Current links include:

- Homepage
- Chairman ICAHST
- Chairman RAWG
- Charter
- Member Organizations
- Previous Meetings
- Future Meetings
- C-IED Workshop
- Tool Repository
- Research Needs

Plans are now underway to begin posting additional material on the website including not only ICAHST general information, but also material related to the "Research Needs" effort, as well as a "Tools Repository."

There was no objection brought forward concerning the new ICAHST logo, and comments are solicited. I have attached the slides used in this presentation.

C-IED "Informational Workshop"

It was announced that a classified (SECRET level) workshop – to be jointly sponsored by ICAHST, DHS and the NRO – will be held on 19 August and focus on Intelligence Community Efforts / Plans for the protection of the homeland against Improvised Explosive Devices (IEDs). This purpose of this workshop and exposition is to provide a forum for representatives from the law enforcement, counterterrorism, and intelligence communities to assess the domestic threat and address other key issues and critical mission needs in support of IED defeat and prevention for the homeland. Emphasis will be placed on the activities of the Intelligence Community including advancing research and technology to prevent IEDs and sharing information with federal, state, and local partners. The workshop will be held at the J. D. Hill Conference Center at the NRO at their headquarters campus in Chantilly, VA. All ICAHST members as well as other relevant organizations are invited. Additional details will continue to be posted on the ICAHST website, which includes a link to National Conference Services, Inc. (NCSI) to register, or go to:

<http://www.ncsi.com/ciedworkshop08/index.shtml>

I have attached the latest draft agenda for this workshop.

It was also announced that the Government Emerging Technology Alliance (GETA), a non-profit organization, is partnering with DHS and the DoD "Joint IED Defeat Organization" (JIEDDO) to host an "International Symposium and Exposition" to be held at the new Gaylord National Harbor Conference Center in Washington, DC, on 12-14 November 2008. Additional details on this event are forthcoming.

Crime Forecasting and Geographic Profiling

Mr. Ronald E. Wilson, Project Manager of the *National Institute of Justice* Mapping and Analysis for Public Safety Program, gave a presentation on Crime Forecasting and Geographic Profiling. He defined geographic profiling – including ongoing research – and explained how it works and why it is an important component of crime forecasting. He then cited and described several key NIJ grants that have been awarded in this area, including "Improving Investigative Effectiveness through Commuter/Marauder Prediction," (Eastern Kentucky University); "The Mathematics of Geographic Profiling," (Towson University); "Crime Travel Demand Modeling," and "Bayesian Journey-to-Crime," (Ned Levine). Mr. Wilson concluded by describing "Multilevel Modeling for Predicting Hot Spots," another key tool used in this area.

Dr. Morgan emphasized again that all relevant tools that can be used in the area of "predictive policing" are in high demand.

I have attached the set of slides used by Mr. Wilson in his presentation.

Virginia Fusion Center

Special Agent John J. Miller, Virginia State Police, gave a presentation on the Virginia Fusion Center (VFC), located in Richmond, VA. He explained that the VFC was designed to facilitate information exchange and collaboration among participating agencies and described the mission, organization, products, and methodologies for reporting information. Overall, the mission of the VFC is to:

- Fuse resources from local, state, and federal agencies and the private sector in order to facilitate information collection, analysis, and sharing – in support of the prevention of terrorist attacks and other criminal activity
- In support of the Virginia Emergency Operations Center, be prepared to provide a coordinated and effective response in the event of an attack

Additional details are available on their website:

<http://www.vsp.state.va.us/FusionCenter/index.shtm>

The slides used by SA Miller were deemed Law Enforcement Sensitive, and cannot be distributed further. I have attached his cover slide along with the VFC contact information.

Comments from State/Local Law Enforcement

On behalf of Mr. James E. McDermond, the Deputy Director of ATF for Intelligence, Mr. Kevin O'Keefe reiterated three systems developed by ATF that are candidates for ICAHST collaborative efforts:

- BATS (Bomb Arson Tracking System)
- eTRACE (Internet-based Firearms Tracing and Analysis)
- ATF GangNet (gang tracking database)

Brochures for these systems were made available to all participants.

In addition, the DC MPD representative, the VA State Police representative as well Mr. James Hagy from the new DHS Office of the Assistant Secretary for State and Local Law Enforcement (established in January 2008) reiterated the need for mechanisms such as ICAHST and their willingness to continue to participate. Mr. Hagy suggested that we consider the formation of a third ICAHST working group – one dedicated to working closely with his new office and State/Local Law Enforcement. Follow up on this suggestion will be held within the next few weeks.

Next Meeting

We anticipate that future Council meetings will continue to occur on a quarterly basis, with the various working groups and committees meeting as frequently as required. Council meetings will be held at the Unclassified level at various locations to be determined. The Council plans to meet next in the late October timeframe – tentatively on Wednesday, 29 October. I will be in touch by email with specific details on the next meeting.

The ICAHST constitutes a Council of *Coalition Stakeholders* and is the primary guidance mechanism for this homeland security/counterterrorism activity. It is very important to have your participation and input and your contributions are greatly appreciated.

Warm regards,

Fredrick Thomas Martin
Executive Agent
Interagency Council for Applied Homeland Security Technology