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Subject: Feedback from 7 March 2011 ICAHST Quarterly Meeting

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Attachments:

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To all –

On behalf of the ICAHST Chair, Mr. Bart R. Johnson, I would like to thank all of you who came to the quarterly *Interagency Council for Applied Homeland Security Technology* (ICAHST) Meeting on 7 March hosted by the MITRE Corporation Homeland Security Systems Engineering and Development Institute (HS SEDI), a Department of Homeland Security sponsored Federally Funded Research and Development Center (FFRDC), and held at their McLean, VA campus. In particular, we would like to thank our hosts for their hospitality and support – including Mr. Edward E. Goodnight and Ms. Nancy T. Foley.

Forty-two council members, alternates, or guests participated from the Department of Homeland Security (DHS), including S&T, OIA, FEMA, CBP, and OBP; the Office of the Under Secretary of Defense for Intelligence (OUSDI); the Department of Energy Remote Sensing Laboratory (DOE/RSL); the Office of the Director of National Intelligence (ODNI); the National Reconnaissance Office (NRO); National Security Agency (NSA); National Geospatial Intelligence Agency (NGA); National Counterterrorism Center (NCTC); the Bureau of Alcohol, Firearms, Tobacco and Explosives (ATF); the Department of Defense Combating Terrorism Technical Support Office (CTTSO) / Technical Support Working Group (TSWG); the US Geospatial Intelligence Foundation (USGIF); the US Forest Service; the *Capital Wireless Information Net* (CapWIN); the State of Virginia Fusion Center and the Office of Science and Technology Policy (OSTP) as well as adjunct representatives from the MITRE Corporation. The meeting was held at the UNCLASSIFIED level.

For your convenience, I have attached the final agenda as well as a listing of the participants who either attended or telephoned in as well as their contact information.

Meeting Summary

Discussions included updates on all ICAHST activities including the ICAHST LAPD/LASD Technology Pilot (TRAIL), including the recent TSWG Broad Agency Announcement (BAA) and the ICAHST/TSWG strategy with OUSDI(Intel). Future C-IED Symposium planning was also discussed as well as other special outreach activities including partnerships with:

- o United States Geospatial Intelligence Foundation (USGIF)
- o ODNI *Open Source Center*
- o NRO Technical Exchange Working Group (TEWG)

In addition, the research needs and collaboration interests of the US Army Special Operations Command were discussed.

Special briefings included:

- Overview of DHS/S&T activities in support of enhanced collaboration in partnership with the US Air Force, Intel, and IBM
- The *Capital Wireless Information Net* (CapWIN) Predictive Policing effort across Maryland, Virginia, and the District of Columbia
- Quick overview of the NRO sponsored effort to use large scale data sets (terrain models, 3D and 2D, imagery, maps, video, text, and navigation layers) integrated into small files for immediate access on hand held iPad/Kindle-like devices without internet connectivity

Meeting Discussions

Chairman Bart Johnson was unable to attend. Acting Chair Mr. Randel L. Zeller, Director of Interagency Programs, Science and Technology Directorate, Department of Homeland Security welcomed the attendees and asked them to briefly introduce themselves and their organization. Mr. Edward E. Goodnight also welcomed ICAHST attendees to MITRE and explained the role of the HS SEDI and its support to the Department of Homeland Security.

The issue of a government senior executive at the Under Secretary level serving as the chair of an ad hoc council has been discussed with the office of the DHS General Counsel. These discussions continue, and I will be in touch with everyone by email as we sort out the details.

ICAHST Working Group Status:

ICAHST LAPD/LASD Technology Pilot (TRAIL)

Mr. Jeff Huber, Investigative Support and Forensics (ISF), Combating Terrorism Technical Support Office (CTTSO), gave ICAHST members an update on the CTTSO requirement for the LAPD/LASD Technology Pilot, now known as the "Terrorism Related Analytics in Law Enforcement" experiment, or "TRAIL." Mr. Huber explained the missions of CTTSO and the ISF subgroup, and the requirements generation process in general and then outlined the specifics of TRAIL. He stated that ISF has moved forward with TRAIL as part of a process to generate additional funding from other interested agencies. This has included the advertisement of the TRAIL requirement on a Broad Agency Announcement (BAA) which closed last week. Upon evaluation of the submissions, CTTSO will conduct a special strategy session among the stakeholders and decide how to proceed. Planning efforts will continue with the NRO, CTTSO/TSWG, and the OUSD/Intelligence. I have attached the slides used by Mr. Huber.

Outreach Activities

Mr. Frank Toomer, ICAHST Outreach Director, and Senior Federal, Civil, and Homeland Security Coordinator, Systems Engineering Office, NRO, presented an update on current outreach activities, including membership activity, the NRO Law Enforcement / Homeland Security Technology Exchange Working Group (TEWG) – next meeting is scheduled for 24 March at 1:00pm in the Aerospace Data Facility – East (ADF-E) in Alexandria, VA; the United States Geospatial Intelligence Foundation (USGIF) and the ODNI Open Source Center. Mr. Toomer also gave a brief introduction to Project GENESIS, an NRO sponsored effort to use large scale data sets (terrain models, 3D and 2D, imagery, maps, video, text, and navigation layers) integrated into small files for immediate access on hand held iPad/Kindle-like devices without internet connectivity. A full briefing on this effort will be presented at the next ICAHST quarterly meeting.

Mr. Toomer reported that collaboration opportunities with the United States Geospatial Intelligence Foundation (USGIF) continue to grow. The President of USGIF, Mr. Keith J. Masback, suggested the formation of a special joint working group to explore the roles and responsibilities of each organization to facilitate USGIF/ICAHST interaction. ICAHST members present were informally polled for their interest, or the interest of their agency, and some thirteen attendees indicated interest. This will be an excellent opportunity to add a geospatial intelligence component to the activities of ICAHST. Several possible options were discussed, including:

- One-day GEOINT workshop for ICAHST members
- Requirements/needs identification
- Breakout panel at "GEOINT 2011", to be held in San Antonio, TX, 16-19 October 2011

Additional information can be found on the USGIF website:

www.usgif.org

Mr. Toomer also explained the role of the ODNI Open Source Center (OSC) and said that a full brief of this activity will be scheduled for the next ICAHST meeting. In the interim, Ms. Viktoria Herson gave a quick overview stating that the ODNI OSC serves as the “hub of the Intelligence Community's National Open Source Enterprise,” collecting and analyzing open source information from around the world. OSC makes its products – ranging from textual translations to multimedia productions – available to customers throughout the US Government. I have attached an information sheet on the OSC from Ms. Herson.

I have attached the slides used by Mr. Toomer.

Other Activities

Third Annual C-IED Symposium

The undersigned gave an update on several other ICAHST activities, including the “Third Annual C-IED Symposium.” ICAHST remains interested in supporting the DHS/Office for Bombing Prevention (OBP), DHS/S&T, and other relevant agencies in this effort. Mr. Jeffrey David, DOE Remote Sensing Laboratory, gave a summary of the current plans, which include a focus on “vehicle born IED” (VBIED) response technologies that support determining if an IED device is a threat and then rendering the device safe. Mr. David stated that relevant agencies remain committed to this effort and will now move forward. I have attached a summary sheet on this effort from Mr. David and Dr. Patricia Burt, DHS/OBP.

6th Annual Intelligence Community Technology Exposition

On behalf of the Office of the Director of National Intelligence (ODNI), and the ODNI Director of Science and Technology, it was announced that all TS//SI//TK cleared ICAHST members are invited to attend the *6th Annual Intelligence Community Technology Exposition* to be held in Room SVC-217 of the United States Capitol on 8-10 March. I have attached a copy of the invitation with information on passing clearances.

Special Briefings:

Leveraging Public/Private Partnerships

Mr. Randel L. Zeller, Director of Interagency Programs, Science and Technology Directorate, Department of Homeland Security, gave an overview on a DHS/CIA/Air Force Academy/Industry partnership to create an “Innovation Ecosystem” by leveraging public/private partnerships. He described this effort as one that would “gain unique insight into private sector R&D investments for future capabilities for the Homeland Security enterprise.” There are three primary goals:

- Enable an “innovation ecosystem” consisting of public-private partnerships to field test truly game-changing technologies
- Create a Flexible Distributed Cyber Security (a layered cyber-security defense) capability for both the public and private sectors
- Field test emerging technologies, capabilities, and distributed collaboration in the Rare Event Scenario framework

The key stakeholders for this initiative are:

- DHS/S&T
 - R&D Partnerships
 - First Responder Programs
 - Interagency Programs
 - Center of Innovation, US Air Force Academy
- Interagency Partners
 - DHS Cyber Programs
 - DHS Intelligence and Analysis
 - CIA/CTO
 - CIA/Chief Scientist
- Private Sector Partners
 - Intel Corporation

- Cisco Systems
- IBM Watson Research Center

This effort will demonstrate a true “open” research partnership with the Private Sector. I have attached the slides used by Mr. Zeller.

The *Capital Wireless Information Net (CapWIN)*

The Capital Wireless Information Net (CapWIN) is a regional coalition of public safety and transportation agencies across Maryland, Virginia, the District of Columbia, and the Federal Government. Their mission is to enable and promote interoperable data communications, operational data access, and incident coordination and situational awareness across various jurisdictions and disciplines.

The CapWIN program is staffed by the Center for Advanced Transportation Technology at the University of Maryland. It operates under a Board of Directors with representatives from state, local, and federal first responder entities across Maryland, Virginia and the District of Columbia. CapWIN focuses on the unique requirements of wireless users and “has over 5000 registered users from more than 80 public safety, transportation, and emergency services agencies drawn from all levels of government—including regional authorities—operating within in the three jurisdictions.”

The CapWIN team – Mr. Mike Roosa, MD State Police CIO, Mr. Roddy Moscosso, Acting CapWIN Director, Dr. William M. Pottenger, Rutgers University, and Thomas A. Henderson, Senior Advisor and former Director – discussed Project ADAPT (Assessment and Demonstration of Advanced Predictive Technologies), a project to advance predictive policing in Maryland partially funded by an NIJ predictive policing grant, and PRISM (Public Regional Information Services Model), a CapWIN program to “serve the information requirements of the post-9/11 world.”

It is anticipated that ICAHST member agencies will continue to interact with this important effort. I have attached the slides used by the CapWIN team.

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. 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,

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Interagency Council for Applied Homeland Security Technology

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