Council of the
INSPECTORS GENERAL
on INTEGRITY and EFFICIENCY

Information Technology Committee

Wednesday, January 18, 2012, 10:30 a.m. – 12:00 p.m.

PBGC Conference Room 4A/4B, 1200 K Street, NW

AGENDA

I. **Welcome & Chairman's Remarks**.. Becky Batts

II. **"Looking the Wrong Way"** ....Franklin S. Reeder
   Center for Internet-Security

III. **Network Monitoring in a Cloud Environment** ....Sabrina Segal

IV. **Appendix C-2 Checklist** ....Chuck Coe

V. **Subcommittee Updates:**
   o **Investigations Subcommittee** ....Chuck Coe
   o **Audit & Evaluations/FAEC IT Subcommittee** .... Andy Patchan

VI. **Other Business**

Next meeting scheduled for April 18, 2012, Location PBGC Training Suite

Changes/Information: Call 202-326-4000 x3355

Information Technology Committee

Wednesday, April 18, 2012, 10:30 a.m. – 12:00 p.m.

PBGC Training Room 4, 1200 K Street, NW

AGENDA

I. **Welcome & Vice Chairman's Remarks** .... Kathleen Tighe

II. **Cyber Security** .... (b) (6)

III. **Status of Cyber Security Project, Phase II** .... Charles Edwards

IV. **Update on the pen testing survey results and the
Quality Standards for Digital Forensics Checklist** .... Mark Smith

V. **Concerns associated with search warrants and cloud storage** ... Chuck Coe

VI. **Subcommittee Updates:**
- o **Investigations Subcommittee** .... Chuck Coe
- o **Audit & Evaluations/FAEC IT Subcommittee** .... Andy Patchan
- o **Chief Information Officer Subcommittee** .... Jason Carol

VII. **Other Business**

Next meeting scheduled for July 18, 2012, Location PBGC Training Room 4

Changes/Information: Call 202-326-4000 x3355

Council of the INSPECTORS GENERAL on INTEGRITY and EFFICIENCY

IT COMMITTEE
Quarterly Meeting
Wednesday, April 18, 2012

Meeting Minutes

Meeting Commenced: 10:30 a.m.

Guest Speakers (b) (6)   from Mandiant Technologies
(b) (6)   discussed discussed "The Advanced Persistent Threat (APT) and
Organizational Preparedness." They defined the APT, described the type of data APT's generally target,
the attack metholdogy (strategy) and the proative controls desinged to mitiage threats from an APT. A
copy of their PowerPoint presentation is attached.

Network Monitoring Group – Sabrina Segal
Sabrina was unable to attend this meeting. However, she provided the following information regarding
the Network Monitoring Group:

"The Network Monitoring Working Group has been working hard for the past six weeks and we
are very proud of what we have accomplished. Our group is made up of 29 fantastic participants from
both the IG IT and Investigations community and we have been focusing on information sharing and
research for the past six weeks. Starting the week of April 16 we will begin drafting the paper with a goal
of providing a draft to the IT committee by the end of May. The purpose of the paper is to 1) outline
what network monitoring tools are presently used by the IG community and the restrictions that apply
and 2) how network monitoring may change if an agency moves to a cloud computing environment. We
are excited about sharing our findings with the IT committee and, eventually, CIGIE. If you have any
questions, please feel free to contact me."

Cyber Security Project, Phase II – Charles Edwards
Charles briefed the Committee on the status of the Cyber Security Project, Phase II and asked the
committee for volunteers, an email soliticing particpation is forthcoming .

Quality Standards for Digital Forensics and Briefing on Worldwide (b) (7)(A)   – Mark Smith
Mark presented the CIGIE Quality Standards for Digital Forensics (attachment #2) for the CIGIE IT
Committee's review. Kathy asks that the committee review the standards and email responses to Chuck
Coe by 4 May 2012.

Mark also briefed the Committee on an ongoing investigation related to (b) (7)(A)

(b) (7)(E)

Update on Pen Testing Survey – Chuck Coe
Chuck presented the Committee with the draft Survey of Vulnerability and Penetration Testing Usage within the Office of Inspector General Community (attachment #3). Kathy ask that the CIGIE IT Committee review this draft and send comments to Chuck Coe by 4 May 2012.

IT Legislative Subcommittee – Andy Patchan
Andy mentioned that there are currently at least two legislative proposals that address information security, both of which would require CIGIE involvement.

CIO Subcommittee – Jason Carol
The subcommittee is evaluating resources and services that can be shared amongst the IG community; NASA OIG shared its solutions at the last subcommittee meeting.

Action Items
The following matters require your attention and/or follow-up:
- Review both the draft Quality Standards for Digital Forensics and the Survey of Vulnerability and Penetration Testing Usage and email comments to Chuck Coe by 4 May 2012 at charles.coe@ed.gov.
- CIGIE requests two volunteers to assist with the preparation of a Statement of Work for their IT support (Help Desk, equipment repairs, etc.). A separate email on this issue will be sent.

2012 Meeting Schedule
Meetings will be held on the third Wednesday of the first month for each quarter. All meetings will be held at PBGC Training Center, 1200 K Street NW. The 2012 meeting schedule is as follows:

July 18, 2012
October 17, 2012

Meeting Adjourned: 12:00 p.m.

Attendees
Kathleen Tighe, Vice-Chair (ED), Andy Patchan (FRB), Chuck Coe (ED), Paul Brachfeld (NARA), John Seeba (FTC), Charles Edwards (DHS), Erica Paulson (DHS), Jason Carol (DOT), Tom Howard (AMTRACK), Mark Smith (ED), Christopher Dentel (CPSC)

Information Technology Committee

Wednesday, July 18, 2012, 10:30 a.m. – 12:00 p.m.

PBGC Training Room 4, 1200 K Street, NW

AGENDA

I. **Welcome & Chairman's Remarks**.................................Rebecca Anne Batts

II. **Electronic Crime Task Force Overview** ....SA Jerome Pickett,

    U.S. Secret Service

III. **Status of Cyber Security Project, Phase II**..........................Charles Edwards

IV. **Update on the pen testing survey results** ....Kathleen Tighe

V. **Quality Standards for Digital Forensics Checklist** ....Mark Smith

VI. **Update on the Network Monitoring Group** ....Sabrina Segal

VII. **Subcommittee Updates:**

   o **Investigations Subcommittee** ....Kathleen Tighe & Mark Smith
   o **Audit & Evaluations/FAEC IT Subcommittee** .... Andy Patchan
   o **Chief Information Officer Subcommittee** ....Jason Carol

VIII. **Other Business**

Next meeting scheduled for October 17, 2012, Location PBGC Training Room 4

Changes/Information: Call 202-326-4000 x3355

Information Technology Committee

Thursday, April 17, 2013, 10:30 a.m. – 12:00 p.m.

PBGC Training Room 2, 1200 K Street, NW

AGENDA

I.   **Welcome & Chairman's Remarks**.. Becky Batts

II.   **FLETC Certification (Digital Forensics)** ....Chuck Coe

III.   **Revised C2 Checklist Update to reflect recently approved Quality Standards for Digital Forensics (QDSF)** ....Chuck Coe

IV.   **Subcommittee Updates:**

- **Investigations Subcommittee** ....Chuck Coe
- **Audit & Evaluations/FAEC IT Subcommittee** ....Andy Patchman
- **Chief Information Officer Subcommittee** ....Jason Carol

V.   **Other Business**

Next meeting scheduled for July 17, 2013, Location PBGC Training Room 2

Changes/Information: Call 202-326-4000 x3355

Information Technology Committee

Tuesday, June 25, 2013, 2:00 pm

Education OIG Conference Room 8070, 550 12th Street, SW

Agenda

1. Welcome & Chair's Remarks……………………………………………..Kathy Tighe
2. DHS Report on New Media……………... Kathy Tighe, Jennifer Kendrick, & Nancy Eyl
3. OMB Draft Memorandum on Continuous Monitoring……………………Phil Heneghan
4. Cloud Computing Efforts…………………………………..... Kathy Tighe & Chuck Coe
5. GAO/CIGIE/RATB Data Forum Follow up…………………………………Kathy Tighe
6. Subcommittee Updates:
   - Investigations Subcommittee…………………………………………...Chuck Coe
     - Digital Forensic Standards Update
   - Audits & Evaluations/FAEC IT Subcommittee……………………..Peter Sheridan
     - Status of discussion with DHS on FISMA guidelines
   - OIG CIO Subcommittee………………………………......................Jason Carroll

7. Other Business
   - Potential Data Analytics Subcommittee
   - Meeting Times/Schedule

REPORT OF MEETING: CIGIE Information Technology Committee
                                              June 25, 2013, 2:00 p.m.

LOCATION: Department of Education
                                    Office of the Inspector General
                                    550 12th Street, SW, Education OIG Conference Room 8070
                                    Washington, DC 22202

Kathy Tighe, Inspector General, Department of Education (Education), and Chair, CIGIE
Information Technology Committee, called the meeting to order.

DHS Report on New Media

Ms. Tighe explained that the Department of Homeland Security (DHS) Office of Inspector
General (OIG) issued a draft report concerning the legal, privacy, and information security
aspects of new media. Because of the discussion in the report related to the Federal Information
Systems Management Act of 2002 (FISMA), the CIGIE Executive Council had asked the IT
Committee to review the draft report. For background purposes, Ms. Tighe asked Nancy Eyl,
DHS OIG, to provide a brief synopsis of the DHS report for committee members.

Ms. Eyl explained the DHS OIG report focused on both official and unofficial use of new and
social media since there has been a growing trend of improper use by government employees.
The DHS OIG report was created to assist staff in addressing legal and privacy issues
surrounding the use of media.

Ms. Tighe put on the table for discussion the report's conclusion as to the applicability of
FISMA to new media. (b) (5)

(b) (5)

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OMB Draft Memorandum on Continuous Monitoring

Phillip Heneghan, United States Trade Commission IG, explained that he is currently working on providing feedback on the draft continuous monitoring memorandum. Discussions were held with OMB on June 8th on the draft memorandum. It is anticipated that further meetings with OMB will be held.

Cloud Computing Efforts

Ms. Tighe stated that the Cloud Computing Working Group was scheduled to meet with the FAR Council on July 11 to review the draft cloud computing IG access clause and the business case. In addition, a subgroup of the Federal Cloud Compliance Committee has crafted specific language for Department of Defense commercial cloud contracts and has asked for input from the Cloud Computing Working Group.   Ms. Tighe also mentioned that the CIO Council had issued a report titled *"Creating Effective Cloud Computing Contracts for the Federal Government - Best Practices for Acquiring IT as a Service"*, which would be sent out and shared with the IT Committee members.

GAO/CIGIE/RATB Data Forum Follow-up

Ms. Tighe stated the GAO/CIGIE/RATB report that resulted from the January Data Sharing Forum would be issued in a couple of weeks. The IT Committee is tasked with implementing at least one of the next steps, the library of open source data analytics tools and resources that can be shared on a common portal for the CIGIE community.

Subcommittee Updates

- Chuck Coe, Education OIG, stated that the IT Investigations Subcommittee is open to all CIGIE members. The subcommittee focuses on investigative issues that involve information technology. He explained that the subcommittee recently met at NASA OIG. As part of the meeting, it reviewed the revised C2 checklist that is part of the Quality Standards for Digital Forensics. At the meeting, the VA OIG also provided a presentation dealing with cloud email and encryption issues. The Postal OIG followed with a demonstration of a web portal (DANTES) for information sharing and a "marketplace" to provide or request technical assistance for digital forensic examinations,

2

technical services, or polygraph support. The Department of Transportation (DOT) OIG closed the day with a presentation on how to triage data from search warrants.

- Peter Sheridan, Federal Reserve Board OIG, for Andy Patchan, head of the Audits and Evaluations/FAEC IT Subcommittee stated that this group meets three to four times a year with 40 OIGs currently involved. The subcommittee's main focus is FISMA; particularly lessons learned from previous FISMA evaluations. The Subcommittee is currently engaged in discussions with DHS over the FY 2015 FISMA guidelines.

- Jason Carroll, DOT OIG, explained that the OIG CIO Subcommittee meets monthly with a current representation of 30 CIOs. Currently, discussions surround OIG operational IT issues, but they spend a lot of time discussing Teammate problems.

Other Business

Potential Data Analytics Subcommittee

Ms. Tighe explained her interest in establishing a Data Analytics Subcommittee. The members agreed with the idea. Ms. Tighe said that she would follow up with an email request to identify those who would commit to this effort.

Meeting Times/Schedule

Lastly, Ms. Tighe wanted to get a consensus on what would be the best time to conduct the monthly meeting so members can plan their calendars accordingly. An email would be sent out for everyone to vote on which weeks for the meetings would best suit everyone.
The meeting concluded at 3:15 p.m.

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The following members were present or represented at the CIGIE IT Committee meeting Tuesday, June 25, 2013:

Ted Alves, IG, Amtrak
Milton Mayo Jr., IG, Equal Employment Opportunity Commission
David Berry, IG, National Labor Relations Board
Rod Desmet, U.S. Department of Agriculture, for Phyllis Fong, IG
Phillip Heneghan, IG, United States International Trade Commission, Committee Vice-Chair
Gail Robinson, NASA, for Paul Martin, IG
Dave Smith, Department of Commerce, for Todd Zinser, IG
Kathy Tighe, IG, Education, Committee Chair

David Williams, IG, Postal
Charles Coe, Education, Investigations Subcommittee Chair
Peter Sheridan, Federal Reserve Board, for Andrew Patchen (Audit Subcommittee Chair)
Jason Carroll, Department of Transportation, CIO Subcommittee Chair

The following guests and observers were present:

Benjamin Shapiro, Education
Carnelious Jones, Education
Jennifer Kendrick, DHS
Nancy Eyl, DHS

Information Technology Committee

Wednesday, August 28, 2013, 2:00 pm

Education OIG Conference Room 8070, 550 12th Street, SW

Agenda

1. Welcome & Chair's Remarks……………………………………………….....Kathy Tighe
2. DHS Cybersecurity Report Phase II.....................................Kathy Tighe/Charles Edwards
3. OMB Draft Memorandum on Continuous Monitoring..….……………….....Phil Heneghan
4. Cloud Computing Efforts………………………………………... Kathy Tighe/Chuck Coe
5. GAO/CIGIE/RATB Data Forum Follow up………………………….….…Kathy Tighe
   o Presentation on Data Analytic Resource Library……………....Ed Sleven/Jenny Rone
6. Data Analytics Working Group
7. Subcommittee Updates:
   o Investigations Subcommittee…………………………………………...Chuck Coe
       o Revised C2 Checklist Update
       o IT Audit & Forensic Survey Results
       o Small OIG IT Policy Analysis
       o FLETC Digital Forensic Examiner Certification Update
   o Audits & Evaluations/FAEC IT Subcommittee………….……..….Andrew Patchan
       o Status of discussion with DHS on FISMA guidelines
   o OIG CIO Subcommittee……………………………….Kathy Tighe for Jason Carroll
   o IT Legislation Working Group.……………………....Jackie Becker/Andrew Patchan
       o Proposed Cybersecurity Legislation and Draft CIGIE Letter

Council of the
INSPECTORS GENERAL
on INTEGRITY and EFFICIENCY

REPORT OF MEETING: CIGIE Information Technology Committee
                                   August 28, 2013, 2:00 p.m.

LOCATION: Department of Education
                                Office of the Inspector General
                                  550 12th Street, SW, Education OIG Conference Room 8070
                                  Washington, DC 22202

Kathy Tighe, Inspector General (IG), Department of Education (Education), and Chair, Council of the Inspectors General on Integrity and Efficiency (CIGIE) Information Technology (IT) Committee, called the meeting to order.

*Note: Documentation packets related to the discussion topics were handed out to committee members prior to the start of the meeting.

DHS Cybersecurity Report Phase II

Ms. Tighe explained that the Department of Homeland Security (DHS) Office of Inspector General (OIG) issued a cybersecurity report for comment. Ms. Tighe asked Mr. Charles Edwards, Acting DHS IG, to address members on the current status of the report.   Mr. Edwards explained that all comments to the report are currently being addressed. He stated that a separate section for continuous monitoring is being added to the report that will be based on National Institute of Standards and Technology (NIST) Special Publication 800-137, "Information Security Continuous Monitoring (ISCM) for Federal Information Systems and Organizations," dated September 2011. Additional sections related to cloud computing and top security threats in 2013 are also being added to the report.

There was also discussion amongst the members concerning the purpose of the report and how it is to be used by OIGs. (b) (5)

OMB Draft Memorandum on Continuous Monitoring

Mr. Phillip Heneghan, United States International Trade Commission (USITC) IG, explained that the Office of Management and Budget (OMB) had incorporated most of the OIG community comments made to the earlier draft of its Continuous Monitoring memorandum. He stated that a meeting was held with OMB via teleconference to discuss the memorandum. It was apparent that the DHS staff working with OMB on the memorandum were not the same staff who had

been working with the Audits and Evaluations/Federal Audit Executive Committee (FAEC), IT Subcommittee on revisions to the FISMA template; more follow-up with OMB was expected.

Cloud Computing Efforts

Ms. Tighe stated that the Cloud Computing Working Group met with the Federal Acquisition Regulation (FAR) Council on July 11, 2013, to discuss the draft proposed cloud contract language for ensuring OIG access in the cloud environment. Mr. Charles Coe, Education OIG, added that the working group is currently developing three possible options based on feedback during the meeting. (b) (5)

GAO/CIGIE/RATB Data Forum Follow-up

Ms. Tighe asked Mr. Ed Slevin, Education OIG, and Ms. Jenny Rone, Recovery Accountability & Transparency Board (RATB), to discuss follow-up from the report issued by the Government Accountability Office, CIGIE and the RATB, resulting from their January Data Forum. Ms. Rone explained that the Data Forum had addressed the challenges and opportunities relating to sharing, using, and analyzing data to identify fraud, waste, and abuse. At the Forum, panelists and leaders agreed on the next steps to be taken. The RATB and CIGIE agreed to undertake two of the "next steps":

- Compile a consolidated detailed directory of existing data sources used within each agency to identify fraud, waste, and abuse for oversight and law enforcement entities; and
- Compile a library consolidating open-source software, algorithms, and data-analytics tools to assist oversight entities in their audits, inspections, evaluations, and investigations.

Mr. Slevin provided a brief presentation of a potential resource library platform that could be utilized through the use of the OMB Max website. It was noted that the OMB Max website already has predefined controls in place that would allow for any information uploaded to the website to only be visible to CIGIE members and RATB staff. During the presentation, there was much discussion about the usage of the OMB Max to host the library. (b) (5)

Data Analytics Working Group

Ms. Tighe explained that she is looking at a day in September for the Data Analytics Working Group's kick-off meeting. She stated that the group is open to anyone in the CIGIE community. Since the Working Group would be addressing the joint projects with the RATB, she asked that RATB staff members be allowed to attend the meeting. Committee members raised no

objection. She explained that she was still seeking leadership for the group--someone equivalent to an SES or GS-15 was preferred. After the meeting, Dave Williams United States Postal Service (USPS) IG, volunteered Bill Siemer, USPS OIG Assistant Inspector General for Investigations, to head the new group.

 Subcommittee Updates

- Ms. Jackie Becker, Federal Reserve Board OIG, on behalf of the IT Legislation Working Group, stated the group has been working on sending formal responses to Congress regarding new proposed cybersecurity legislation. Currently, they are in the process of developing a letter in response to two proposed cybersecurity bills that would impact the IG community and FISMA work. Both bills (H.R. 1163, Federal Information Security Amendments Act of 2013 and H.R. 1468, Strengthening and Enhancing Cybersecurity by Using Research, Education, Information, and Technology Act of 2013) place emphasis on continuous monitoring and reshaping FISMA. If passed, the bills would not require IGs to perform yearly evaluations of agencies but instead would rely on CIOs to ensure compliance with information security policy.

- Ms. Tighe (on behalf of Jason Carroll, Department of Transportation OIG), reported that the OIG CIO Subcommittee had nothing new to report.

- Mr. Andrew Patchan, Federal Reserve Board OIG, and head of the FAEC, IT Subcommittee, stated that the group has had several meetings with DHS to discuss the 2014 FISMA guidance and the maturity model framework. However, DHS ended discussions before any progress could be made toward a maturity model. Consequently, the 2014 reporting metrics are expected to be identical to the 2013 FISMA reporting metrics. Mr. Patchan stated that they have plans to discuss the 2015 FISMA reporting metrics with DHS in the near future. Also, the group reached out to NIST in an attempt to discuss the idea of CIGIE participating in the development of the cybersecurity framework guidance; NIST recently had put out a draft version of the cybersecurity framework. Ms. Tighe suggested the IT Committee try to start a dialogue with NIST about the guidance.

- Mr. Coe, Education OIG, stated that only a couple of comments were received from the CIGIE Investigations Committee on the revised C2 Checklist. The comments were addressed and the checklist sent back to the Investigations Committee. He does not expect any pushback and it should be published in the near future. Also, Mr. Coe informed members that the Federal Law Enforcement Training Center decided not to go forward with its efforts to establish a Digital Forensic Examiner "Certification". He stated he would provide the email confirmation to members following the meeting. Mr. Coe presented two documents that were developed by Mark Smith, Education OIG, as part of his course requirements for his Master's program at Georgetown University.
  - Survey Results - Survey of all OIGs to assess how they accomplish IT auditing and digital forensics and how they rate their capability.
  - Small OIG IT Policy Analysis - A policy analysis evaluating options to help small OIGs (<75) obtain specialized IT support (e.g. IT auditing and digital forensics).

Other Business

CIGIE Information Technology Committee Projects

Ms. Tighe explained that she was looking for ideas from Committee members for a cross-cutting project. She noted the data call by Mr. Mark Jones, CIGIE, to provide potential projects for the IG community to perform next year. Ms. Tighe suggested (b) (5) ████████████████ One possible project could focus on the current (b) (5) ████████████ ████████████████ process. Mr. Coe discussed the details of the current (b) (5) ████ process. Another project discussed was one based on a recent (b) (5) ████ ████████████████ report on (b) (5) ████████ ████████████████████████████ Ms. Tighe explained that members' new ideas are encouraged.

Meeting Times/Schedule
Lastly, Ms. Tighe stated that the next meeting was scheduled for October 23rd. The meeting concluded at 3:45 p.m.

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The following members were present or represented at the CIGIE IT Committee meeting:

Kathy Tighe, IG, Education, Committee Chair
Phillip Heneghan, IG, USITC, Committee Vice-Chair
Ted Alves, IG, Amtrak
Paul Martin, IG, NASA
Todd Zinser, IG, Department of Commerce (**via teleconference**)
Dave Williams, IG, USPS (**via teleconference**)
Charles Edwards, Acting IG, DHS
Rod Desmet, U.S. Department of Agriculture OIG, for Phyllis Fong, IG (**via teleconference**)
Charles Coe, Education OIG, Investigations Subcommittee Chair
Andrew Patchen, Federal Reserve Board OIG, FAEC IT Subcommittee Chair
Jackie Becker, Federal Reserve Board OIG
Peter Sheridan, Federal Reserve Board OIG

The following guests and observers were present:

Carnelious Jones, Education OIG
Jenny Rone, RATB
Edward Slevin, Education OIG
Zachariah Walker, Education OIG
Mark Smith, Education OIG (**via teleconference**)

Information Technology Committee

Wednesday, October 23, 2013, 2:00 pm

Education OIG Conference Room 8070, 550 12th Street, SW

Agenda

1. Welcome & Approval of Minutes…………………………………….........Kathy Tighe
2. DHS Cybersecurity Report Phase II…………………………………..Charles Edwards
3. Cloud Computing Efforts…………………………………….... Kathy Tighe/Chuck Coe
4. Subcommittee Updates:
   - Investigations Subcommittee…………………………………………...Chuck Coe
     - C2 Checklist
     - FLETC Digital Forensic Examiner Certification
   - Audits & Evaluations/FAEC IT Subcommittee………..………..….Andrew Patchan
     - NIST Cybersecurity Framework
     - Maturity Model/Future Discussion with DHS
   - OIG CIO Subcommittee………………………………......................Jason Carroll
   - Data Analytics Working Group………………………………………….Bill Siemer

5. CIGIE Goal 1 Project Proposals………..………………………………….Kathy Tighe

Council of the
INSPECTORS GENERAL
on INTEGRITY and EFFICIENCY

REPORT OF MEETING: CIGIE Information Technology Committee
October 23, 2013, 2:00 p.m.

LOCATION: Department of Education
Office of the Inspector General
550 12th Street, SW, Education OIG Conference Room 8070
Washington, DC 22202

Kathy Tighe, Inspector General (IG), Department of Education (ED), and Chair, Council of the Inspectors General on Integrity and Efficiency (CIGIE) Information Technology (IT) Committee, called the meeting to order. She polled the committee members to determine whether there were any changes needed to the minutes from the last meeting. With no objections voiced, she approved the minutes.

Note: The agenda and documentation packets related to the discussion topics were handed out to committee members prior to the start of the meeting.

DHS Cybersecurity Report Phase II

Ms. Tighe asked Mr. Carl Mann, Department of Homeland Security (DHS) IG, to discuss the current status of DHS' cybersecurity report, *A Guide for Assessing Cybersecurity within the Office of Inspector General Community,* which was issued for comment. Mr. Mann was attending for Mr. Charles Edwards, Acting DHS IG. He said that DHS received over 40 comments, most of them related to the continuous monitoring section of the report, and that all comments are currently being addressed and will be used to improve the overall clarity of the report. He further explained that based on the comments received, DHS would be adding additional sections to the report related to cloud computing and application security, with emphasis on malware detection on the latter. Mr. Charles Coe, Education Office of Inspector General (OIG), asked if the new section related to cloud computing would be sent to the Committee for review. Mr. Mann replied that it would be submitted to the Committee for review.

In addition, Mr. Mann mentioned two other security reports, Verizon's *2013 Data Breach Investigations Report* and Symantec's *2013 Internet Security Threat Report*, which contained issues similar to those mentioned in DHS' cybersecurity report. He said that these reports would be included as appendices in DHS' cybersecurity report and a revised draft would be provided to the Committee for review. Mr. Mann also said that changes were made to the System Security and Vulnerability Guidance section and that all responses to the report will be noted in a Federal Agencies' Response section.

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Cloud Computing Efforts

Mr. Coe, provided a status on the July 2013 discussion between the Cloud Computing Working Group and the Federal Acquisition Regulation (FAR) Council. (b) (5)

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Mr. Coe added that the Department of Defense (DoD) is also working on a draft clause for its Defense Federal Acquisition Regulation, (b) (5)

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█████████████ Ms. Tighe mentioned that ED OIG is writing a memorandum to the Deputy Secretary regarding cloud computing efforts and the need for coordination with other agencies.

Subcommittee Updates:

Ms. Tighe asked each chairperson to provide a status of their subcommittees' progress:

- *Investigations Subcommittee* (Chuck Coe)

  - <u>C2 Checklists</u> - The latest updates were sent to the Investigations Committee and then on to the Executive Council for review/comment. The checklists are optional for use by the investigative community until October 2014, but mandatory thereafter.

  - <u>Federal Law Enforcement Training Center Digital Forensic Examiner Certification</u> - (b) (5)
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    ███ It was reported that the revised tuition for SCERS (including meals/lodging and miscellaneous costs) will be reduced from $7,371 to $3,321.

- *Audits & Evaluations/FAEC IT Subcommittee* (Andrew Patchan, Federal Reserve Board OIG)

  <u>National Institute of Standards and Technology (NIST) Cybersecurity Framework</u> – Mr. Patchan received a copy of this preliminary document and indicated (b) (5)
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  <u>Maturity Model/Future Discussion with DHS</u> – This subcommittee has been working with DHS on how to improve OIG FISMA metrics. (b) (5)
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(b) (5)

- *OIG CIO Subcommittee* (Jason Carroll, DOT OIG)

Mr. Carroll discussed the TeamMate User Forum held over the summer and noted that Treasury IG for Tax Administration personnel made presentations on its experiences with version changes. He said that the software change management team was also on hand at the Forum, listening to users' ideas/suggestions. (b) (5) The next subcommittee meeting is scheduled for November 15   and will likely include discussions on other problems encountered with TeamMate version changes.

- *Data Analytics Working Group (William [Bill] Siemer, USPS OIG)*

Mr. Siemer explained that the first meeting held on September 26th was well attended—there were a number of members of the IG community there as well as members of the Recovery Accountability & Transparency Board (RATB). The subcommittee discussed its initial project and set a June 2014 date for deploying the first version of a shared platform for data analytics with a goal of improving oversight and fraud detection within federal spending. Additionally, there was discussion on:

- hosting an Open House in early November (2nd or 3rd week) to demonstrate content-only tools; and
- developing other subcommittees to discuss different aspects of delivering a shared platform.

Ms. Tighe asked Mr. Siemer to make sure that any shared platform include two deliverables-- a directory of data services and a library of open-source software pending with the Committee from the Government Accountability Office January 2013 Data Forum. She also asked that the Data Analytics Working Group (DAWG) report to the Committee and the RATB on its progress, as well as issues such as cost, governance, and user feedback.

Ms. Tighe stated that the CIGIE Executive Council requested cross-cutting project ideas from Committee members for the IG community to perform next year. She highlighted and the group discussed several projects that had been proposed including several joint reviews, two EPA OIG suggestions, and the projects already being handled by the DAWG. Also discussed was a potential project, (b) (5) It was decided that participation of other OIGs would be solicited.

Meeting Times/Schedule

Lastly, Ms. Tighe stated that the next meeting is scheduled for January 22, 2014. This meeting concluded at 3:25 p.m.

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The following members were present or represented at the CIGIE IT Committee meeting:

Kathy Tighe, IG, Education, Committee Chair
Charles Coe, Education OIG, Investigations Subcommittee Chair
David Berry, IG, National Labor Relations Board (via teleconference)
Phillip Heneghan, IG, US International Trade Commission (USITC), Committee Vice-Chair (via teleconference)
Trey Carr, USITC OIG
Jason Carroll, DOT OIG, for Calvin Scovel, IG
LeVan Griffith, Amtrak OIG (via teleconference), for Ted Alves, IG
Gail Robinson, NASA OIG, for Paul Martin, IG
Todd Zinser, IG, Department of Commerce (via teleconference)
Scott Stewart, U.S. Postal Service OIG, for Dave Williams, IG
William Siemer, USPS OIG Assistant Inspector General for Investigations (via teleconference)
Carl Mann, DHS OIG, for Charles Edwards, Acting IG
Erica Paulson, DHS IG
Rod Desmet, U.S. Department of Agriculture OIG, for Phyllis Fong, IG
Andrew Patchen, Federal Reserve Board OIG, FAEC IT Subcommittee Chair

The following guests and observers were present:

Therese Campbell, Education OIG
Benjamin Shapiro, Education OIG

Information Technology Committee

Wednesday, January 22, 2014, 2:00 pm

Education OIG Conference Room 8070, 550 12th Street, SW

Agenda

1. Welcome & Approval of Minutes……………………………………………….Kathy Tighe
2. DHS Cybersecurity Report Phase II……………………………Kathy Tighe or Carl Mann
3. Cloud Computing Efforts……………………………………... Kathy Tighe/Chuck Coe
4. CIGIE Cloud Computing Contract Review Project…………………………..Rod DeSmet
5. Subcommittee Updates:
    - Investigations Subcommittee…………………………………………...Chuck Coe
        - C2 Checklist
    - Audits & Evaluations/FAEC IT Subcommittee………..………..….Andrew Patchan
    - OIG CIO Subcommittee……………………………….......................Jason Carroll
    - Data Analytics Working Group……………………………………….Bill Siemer

Information Technology Committee

Wednesday, March 26, 2014, 2:00 pm

Education OIG Conference Room 8070, 550 12th Street, SW

Agenda

1. Welcome & Approval of Minutes……………………………………………Kathy Tighe
2. Cloud Computing Access Clause for IGs…………………………….......Chuck Coe
3. CIGIE Cloud Project Update……………………………………………Rod DeSmet
4. Subcommittee Updates:
    - o Investigations Subcommittee………………………………………....Chuck Coe
    - o Audits & Evaluations/FAEC IT Subcommittee………..……..……Andrew Patchan
        - o Cybersecurity Maturity Model Status
    - o OIG CIO Subcommittee……………………………….......................Jason Carroll
    - o Data Analytics Working Group………………………………………..Curtis Flood

DRAFT

Council of the
INSPECTORS GENERAL
on INTEGRITY and EFFICIENCY

REPORT OF MEETING: CIGIE Information Technology Committee
                                     March 26, 2014, 2:00 p.m.

LOCATION: Department of Education
                              Office of the Inspector General
                              550 12th Street, SW, Education OIG Conference Room 8070
                              Washington, DC 22202

Kathy Tighe, Inspector General (IG), Department of Education (ED), and Chair, Council of the Inspectors General on Integrity and Efficiency (CIGIE) Information Technology (IT) Committee, called the meeting to order. She polled the committee members to determine whether there were any changes needed to the minutes from the last meeting. With no objections voiced, she approved the minutes.

Cloud Computing Access Clause for IGS

Mr. Charles Coe, Education Office of Inspector General (OIG), provided an update on the FAR case involving cloud computing access clauses to be included in contract language. He stated that he briefed the new point of contact (POC) Mr. William Clark of the FAR Council on the current status of the FAR case. Particularly, he noted that the Department of Defense (DoD) was much further ahead with its DFAR clause for the cloud computing contract language. He also added that he has been in contact with Ms. Jody Creamer, DoD, to get insight and her perspective on the progress made with the DFAR and FAR clauses. Mr. Coe suggested that Ms. Creamer and Mr. Clark meet to discuss the clauses which could help in expediting the FAR case process. He further suggested that Ms. Creamer attend the next CIGIE IT Committee meeting. Ms. Tighe and committee members agreed.

CIGIE Cloud Project Update

Ms. Tighe asked Mr. Rod DeSmet, United States Department of Agriculture (USDA) OIG to discuss the current status of the CIGIE cloud project. Mr. DeSmet stated that 20 inspector generals are currently participating in the contract review project with the possible addition of the Department of Justice OIG. Mr. DeSmet provided a brief synopsis of the issues noted by the participating OIGs regarding the agencies' cloud systems. Particularly, agencies inability to identify an "active universe" of systems with cloud service providers has been voiced by many of the participating agencies. He asked committee members whether the issue should be noted in the report or addressed by the OIGs and documented as a finding. Ms. Tighe explained that the issue seems to be an isolated finding for each agency and may need to be left up to the OIGs on how to best address the finding. Mr. DeSmet and committee members agreed. Mr. DeSmet also

1

noted that monthly meetings are being held with the OIGs to discuss any issues their having during the course of the project. So far, several OIGs have discussed issues related to the lack of a cloud system universe, sample selection, methodology, and other related areas. He stated that the next meeting would be held on April 9, 2014 at 10:00 a.m.

Subcommittee Updates:

Ms. Tighe asked each chairperson to provide a status of their subcommittees' progress:

Investigations Subcommittee (Chuck Coe)

Mr. Coe stated that the C2 checklist to the Quality Standards for Digital Forensics (QSDF) has recently finished and passed the internal review that was performed. As agreed, he advised the committee members that he would share the results of the review. Ms. Tighe reminded members that Mr. Gordon Howdell, was responsible for initiating the Digital Forensic standards which was assigned to the CIGIE IT Committee to complete. Mr. Coe stated that the Digital Forensic Standards are currently on the CIGIE website and will become mandatory for all agencies to follow October 2014. Ms. Tighe added that she would provide the C2 checklist along with the other QSDF documents as a refresher. Mr. Coe suggested that the internal review team attend the next subcommittee meeting and provide a presentation of the work performed during the review and results. The next meeting will be hosted by the Department of Energy and Department of Health and Human Services to follow in June.

Audits & Evaluations/FAEC IT Subcommittee (Andrew Patchan, Federal Reserve Board (FRB) OIG)

Mr. Patchan stated that the subcommittee has been working with OMB andDHS on how to improve the OIG FISMA metrics. (b) (5)
He added that the subcommittee has continued their work in developing an ideal maturity model to align with the FISMA framework. He explained that their exploring the various options on how to best measure the maturity of the security areas. The current security area being evaluated is Continuous Monitoring since the area is the current focus for OMB and DHS. To provide committee members with an overview of the maturity model, Mr. Patchan introduced (b) (6)
who provided a brief overview of the maturity model framework through a brief presentation (PowerPoint Presentation distributed to committee members). Following the presentation, Ms. Tighe suggested that a similar presentation should be conducted with OMB and DHS to provide an overview of the direction for transitioning to a maturity model for FISMA. However, beforehand provide a similar presentation to the IG community to give them a better understanding of the maturity model and get more IG members onboard.

OIG CIO Subcommittee (Jason Carroll, DOT OIG)

Mr. Carroll stated the last subcommittee meeting was held in February at DHS. During the meeting, several discussions were held on mobility and mobile devices, for both Government Furnished Equipment and Bring Your Own Device (BYOD) mobile devices. Specifically, as it

relates to access controls, security controls, and storage. The next subcommittee meeting is scheduled for May 7th.

Data Analytics Working Group (In the absence of Mr. Curtis Flood, Pension Benefit Guaranty Corporation OIG, Mr. Chuck Coe addressed the committee on his behalf)

Ms. Tighe advised committee members that Mr. Curtis Flood, PBGC OIG (replaced Mr. Bill Siemer, USPS OIG), was unable to attend today's meeting but Mr. Coe would be able to provide a update on his behalf. Mr. Coe stated that committee plans to take the direction of Mr. Siemer in version 1.0 of the Data Analytics portal. The subcommittee plans to establish a group to identify a hosting environment for tools, algorithms, scripts, and other useful items. Ms. Tighe mentioned that Mr. Siemer had sent out a follow-up survey to agencies to request tools, best practices followed, self-developed tools, and other data sources, but was unaware of what he had received from agencies through the data call. Mr. Coe added that any information obtained will be compiled to build a master listing, but each agency would be responsible for their provided listing. Agencies would need to update their listing within the hosted environment if any additions and updates are needed. Other agencies will be able to view listings which will allow them to locate the tools and data sources. Mr. Coe explained that version 2 requires more questions and discussion to begin work in the area.

Meeting Times/Schedule

This meeting concluded at 3:10 p.m. The next IT committee meeting is May 28, 2014, at 2:00 p.m.

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The following members were present or represented at the CIGIE IT Committee meeting:

Kathy Tighe, IG, Education, Committee Chair
Charles Coe, Education OIG, Investigations Subcommittee Chair
Angela Hoffman, Department of Commerce OIG
Dave Williams, IG, U.S. Postal Service OIG
Rick Vasquez, Department of Defense OIG
Jason Carroll, Department of Transportation OIG, CIO Committee
David Montoya, Housing and Urban Development OIG
Eddie Saffarinia, HUD OIG
Paul Martin, National Aeronautics and Space Administration OIG
Rod Desmet, U.S. Department of Agriculture OIG
Andrew Patchan, Federal Reserve Board OIG, FAEC IT Subcommittee Chair
Peter Sheridan, Federal Reserve Board OIG
Khalid Hasan, Federal Reserve Board OIG
Bob Duffy, Department of Homeland Security OIG

The following guests and observers were present:

Carnelious Jones, Education OIG

3