

Case Report: National Gallery DC

Tracy's iPhone [DFDR07-17]

INF470/ITP590

May 2nd, 2016

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1 Executive Summary

On January 21, 2016, University of Southern California (hereinafter, "USC") was called in to assist the National Gallery, Washington DC (hereinafter, "NGDC") in the conspiracy associated with theft of valuable stamps and defacing of museum art at the NGDC. Tracy is a suspect in the above mentioned conspiracy. As part of the investigation, Tracy's iPhone was taken into custody. USC was tasked to investigate evidence that was relevant to the above mentioned conspiracy.

As described fully in this report, USC made the following findings:

- i. USC found evidence that indicated Tracy was using the alias Coral and Pat was using the alias Perry.
- ii. USC found evidence that indicated Tracy was motivated by financial gain in planning the stamp heist.
- iii. USC found evidence of email correspondence to what is believed to be Tracy's personal email and Pat containing the National Gallery DC stamp letters.
- iv. USC found evidence indicating Tracy was formulating a plan to steal stamps with an individual by the name of Pat. Additionally, USC found evidence indicating Tracy knew that Pat, was trying to coerce someone named King to help with the heist.
- v. USC found evidence indicating Tracy helped and individual named Carry for financial gain. The evidence included leaking sensitive security rotation information abou the National Gallery to Carry. Furthermore, there is evidence indicating that Tracy helped Carry smuggle a tablet into the Gallery. However, there is evidence indicating that Tracy was unaware of the bigger plan that Carry had in mind.

2 Computer Evidence Analyzed

The Incident Response Team collected a forensic image of the iPhone 3G on January 13, 2016 in Los Angeles, California. The forensic image files of the iPhone 3G, tracy-phone-2012-07-15-final.E01 can be viewed as an exact snapshot of the data present on the iPhone 3G during its acquisition.

The following tools were used for forensic analysis:

1. Blacklight 2016.1
2. Google Earth 7.1.5.1557
3. Microsoft Excel 2013
4. DB Browser for SQLite 3.7.0

Details of Tracy's iPhone [DFDR07-17]

Table 2-1 Details of Tracy's iPhone 3G [DFDR07-17]	
Detail	Value
Device Model	iPhone 3G
Local Host Name	Tracy Sumtwelve's iPhone
Operating System	4.2.1
Base Installation Timestamp	6/6/2012 19:03:28
Time Zone	Pacific Daylight Time (PDT) -0700 <i>All reported time stamps are in UTC</i>
User Present	Tracy (AppleID: tracysumtwelve@gmail.com)
Hard Disk Size	751.9 MB
MD5 hash of the Hard Disk Image	Verified - CDE7AE3AC48C0345E9A1988B0E90715D
SHA1 hash of the Hard Disk Image	CF1517490798DCE903450A765D4577605332C9EA
Phone Number	(703) 340-9661
Serial Number	86004482Y7H
IMEI	012021003735398
ICCID	89014103255195342366

The information detailed in Table 2-1 were retrieved from the following files on the volume:

1. /root/Library/Lockdown/activation_records/wildcard_record.plist
2. /logs/AppleSupport/general.log
3. /mobile/Library/Logs/AppleSupport/general.log
4. /logs/lockdownd.log.1
5. /logs/lockdownd.log

3 Relevant Evidence

This section details on the evidence found by investigators that led to the conclusions mentioned in the executive summary.

Evidence to Establish Personas

This sub-section establishes the aliases, phone numbers, email ids associated with each person; relationships between these individuals and their general disposition during the period of time when the alleged crimes were committed.

3.1.1 Tracy

- Phone Number: (703) 340-9661
- Email: tracysumtwelve@gmail.com
- Work email: tracy.sumtwelve@nationalgallerydc.org

The phone belongs to Tracy and hence the primary phone number used for the phone established earlier is attributed to Tracy. Similarly, Apple ID, associated with the phone and hence attributed to Tracy is for the email 'tracysumtwelve@gmail.com'. Also, a mailbox for 'tracysumtwelve@gmail.com' was found configured for the native mail application on the iPhone. The mailbox for her work email 'tracy.sumtwelve@nationalgallerydc.org' was also configured on the phone, although no emails from that account were found.

3.1.2 Pat

- Phone Number: (571) 308-3236
- Email: patsumtwelve@gmail.com

Phone number and email address can be both attributed to Pat through the contacts stored on the iPhone. Additionally the emails exchanged between Tracy (tracysumtwelve@gmail.com) and Pat (patsumtwelve@gmail.com) also establish the correlation.

3.1.3 Terry

- Phone Number: (703) 829-6071

Phone number attributed to Terry is based on contacts stored on the phone.

3.1.4 Joe

- Email: joe.sum.twelve@gmail.com

Email address is attributed to Joe based on email correspondence as presented in Artifact #27 from section 4.

3.1.5 Carry

- Phone Number: (202) 725-2124
- Email: carrysum2012@yahoo.com

Phone number is attributed to Carry based on the contacts stored on phone and emails establish the correlation between email id and her identity.

3.1.6 King

- Email: throne1966@hotmail.com

Correlation derived from artifact #45.

3.1.7 Relationships:

Following relationships have been pre-disclosed as a part of the initial case briefing:

- Joe is Tracy's ex-husband.
- Terry is Tracy's daughter.
- Pat is Tracy's brother.
- Carry is an acquaintance of Tracy.

3.1.8 Aliases:

In Artifact #20 Perry (perrypatsum@yahoo.com) addresses Tracy (tracysumtwelve@gmail.com) as "Sis" viz. sister and asks about Terry. Also, following artifact #1, wherein Pat (patsumtwelve@gmail.com) emails Tracy (tracysumtwelve@gmail.com) in french and asks her to use her alias for further instructions; Tracy (tracysumtwelve@gmail.com) gets an email from Perry (perrypatsum@yahoo.com) asking her to communicate using her alias as shown in Artifact #12. These events and the fact that Tracy is Pat's sister, indicate that Pat was using an alias Perry (perrypatsum@yahoo.com).

Given that Perry is Pat's alias, his instructions on using an alias to Tracy as mentioned in Artifact #1, following correspondence through alias Perry with coralbluetwo@hotmail.com as shown in artifact # 14, 15, 16, 19, 20, 22 and Coral's reference to economic hardship and a daughter who doesn't want to change schools; there is a striking similarity between Tracy and Coral's situations and the sequence of events allude to Coral being Tracy's alias. Finally, Artifact #47 exhibits Pat's email to Tracy with account information for coralblue@hotmail.com. Most importantly, coralbluetwo@hotmail.com was configured to the mail application in Tracy's phone. All of this information put together makes it clear that Coral is Tracy's alias.

Reiterating the aliases:

- Perry (perrypatsum@yahoo.com) is Pat's alias.
- Coral (coralbluetwo@hotmail.com) is Tracy's alias.

Henceforth, any email reference to perrypatsum@yahoo.com will be referred to as Pat (Perry) and coralbluetwo@hotmail.com will be referred to as Tracy (Coral).

3.1.9 Circumstances during the period of alleged crimes

Artifacts # 18, 27, 29, 30, 31, 35 point out that Tracy was facing financial hardship. They also indicate that Pat was also facing financial problems. Both of them were ready to take some risks to make some money together and were actively looking for an extra source of income as shown in artifacts # 1, 12, 13, 14, 15, 18, 19, 20, 21. They were hence communicating using aliases, trying to maintain secrecy using Virtual Machines. Tracy was constantly on the look-out for potential avenues scanning all the paperwork that went by her, specifically insurance papers. Pat was also looking for avenues and assured Tracy of having contacts in his office who could help them out with their plan.

Also, as per Artifact #31 Carry reached out to Tracy specifically mentioning Tracy's recent hardships as evident through Facebook.

Evidence Relating to Theft of Valuable Stamps

This sub-section gives details on the evidence found related to Theft of Valuable Stamps.

Artifacts #22, 25, 30, 43 give details about how Tracy came across the valuable stamp collection exhibit. They also show Tracy and Pat being interested in stealing it since its small and valuable. As is evident from Artifact #43 and #44, Pat tries to enroll a guy called King, who has a criminal history and is currently out on parole, into the heist by intimidation and blackmail. King agrees to be a part of the heist and sends out a list of requirements detailed in artifact #85. Pat then forward the list to Tracy along with instructions on how to access the attachment over SMS, as shown in artifact #85 and #86. Tracy acknowledges Pat's email and message as shown in artifact #

Tracy also emails the Insurance documents regarding the stamp collection exhibit which were marked as confidential to Pat as shown in artifact #82. The email shown in artifact #82 contains two attachments, documents.zip which is unencrypted and docs.zip which is encrypted. Docs.zip contains 3 Stamp Insurance documents, details of which is given in Appendix A.

Tracy's iPhone also has multiple photos of the stamps mentioned in the insurance documents. Details of these photos are present in artifacts #57 through #75 and #81.

All these pieces of evidence make it clear that Pat and Tracy were conspiring to steal valuable stamps.

Evidence Relating to Defacement of Museum Art

This sub-section gives details on the evidence found related to Defacement of Museum Art.

After Carry reached out to Tracy, they met over lunch as is mentioned in artifact #83. In the same email, Carry asks Tracy for help sneaking in a tablet into the National Gallery for a flash mob event she was planning. Carry also mentions that she would compensate Tracy for her help.

As per artifacts #84, 99, 100, 101, 102: Tracy agrees to sneak in the tablet and a meeting is set for the hand-off at 9. Also, Carry asked for information on security shift change from Tracy in exchange for compensation. Tracy, agrees to pass off the security shift information.

As per artifacts #103, 104, 105 Tracy receives notifications from Google+ informing her that Carry added her to a circle and that she shared something with her on Google+. In one of these notifications was the suggestion to add Alex JFamEleven who was a part of Carry's circles. Screen shots of these emails and notifications are present in Appendix D and Appendix E.

As per artifact # 106, Tracy messaged carry asking about how the flash mob was going. This message and earlier communication together present a view that Tracy although a part in leaking information and smuggling in the tablet, was not aware of anything more in the plot.

Additional Evidence

Location data was found in two ways:

- /root/Library/Caches/locationd/consolidated.db
- Geo tag on photos

The consolidated.db maintains a database of Wi-Fi hotspots and cell towers around the iPhone's current location, some of which may be located over a hundred miles away, to help the iPhone rapidly and accurately calculate its location when requested. Only an appropriate subset (cache) of the entire database is downloaded depending on the requirement.

Geo-tag on the photos is the location calculated by the iPhone as its current location when the photo was taken. Since this is a calculated location dependent on a lot of factors, its accuracy is not always very high. But at the same time, it can be said with a fair degree of confidence that the location recorded is in the vicinity of the actual location of the iPhone at that instant.

Geo-tags found with photos are expressed in the report in terms of a landmark either at the exact latitude and longitude or in the immediate vicinity. Cell tower location and Wi-Fi location data are represented by a landmark in the vicinity of the highest density of data points at a given time instant.

Detailed locations are mentioned in section 4 and Appendix G. It can be useful to track locations of Tracy and prove to be a good investigative lead.

4 Plot Timeline

Notes:

Mailbox Data Structure: This represents interpreted information from /mobile/Library/Mail/Protected Index and /mobile/Library/Mail/Envelope Index. The methodology used to generate the information is detailed in Appendix C. Appendix D contains all the email details and other related information about the mailboxes.

Call: Information about call history was found at “/wireless/Library/CallHistory/call_history.db”.

SMS: Information on SMS conversations recorded on the phone was found at “/mobile/Library/SMS/sms.db”

Location Data: Found at “/root/Library/Caches/locationd/consolidated.db”. Detailed explanation in Appendix G.

Table 4-1 Master Timeline of DFDR_25

Artifact#	Timestamp	Header Information	Summary	Evidence Location
1.	6/19/2012 20:06:33	F: patsumtwelve@gmail.com T: tracysumtwelve@gmail.com Subject: Paris Speak and answer	Pat emails Tracy letting her know that he has accepted her proposal and asks her to email using her alias for further instructions.	Mailbox Data Structure
2.	6/12/2012 20:04:50	F: (650) 887-0260 T: Tracy	Duration: 20 sec	CALL
3.	6/12/2012 20:52:14	F: (703) 829-6191 T: Tracy	Duration: 56 sec	CALL
4.	6/12/2012 21:25:04	F: Pat T: Tracy	Pat asks Tracy about her plans for the weekend	SMS
5.	6/13/2012 16:29:13	F: Tracy T: Pat	Tracy calls Pat but with no response.	CALL
6.	6/13/2012 17:30:28	F: Terry T: Tracy	I'm going out with dad after school for pizza! Thought I'd let you know if you planned to cook. T	SMS
7.	6/13/2012 18:30:38	F: Tracy T: Pat	Tracy replies to Pats message saying that she has no big plans and enquires about his plans.	SMS
8.	6/13/2012 18:33:46	F: Tracy T: Terry	Ok, sounds good.	SMS
9.	6/13/2012 19:01:21	CellLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	Location Data
10.	6/13/2012 19:01:22	WifiLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	Location Data
11.	6/13/2012 19:04:03	WifiLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	Location Data

12.	6/19/2012 20:26:47	F: perrypatsum@yahoo.com T: tracysumtwelve@gmail.com Subject: Look me up sometime	Pat (Perry) emails Tracy to ask her to communicate using her alias.	Mailbox Data Structure
13.	6/19/2012 21:38:59	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Crazydave by the VMs Attachment: Crazydave1.mp3	Pat (Perry) emails Tracy (Coral) with instructions to install a Virtual Machine hidden in an audio file.	Mailbox Data Structure
14.	6/19/2012 21:39:34	F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com Subject: Re: ???	Pat (Perry) replies to Tracy (Coral) confirming that he was getting her emails.	Mailbox Data Structure
15.	6/21/2012 17:43:15	F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com Subject: Re: Crazydave by the VMs	Pat (Perry) replies to Tracy (Coral) on a email thread about Virtual Machine installation saying that she should listen to some other songs as well. In the email thread Tracy (Coral) confirms that the instructions sent earlier in the audio file helped her.	Mailbox Data Structure
16.	6/22/2012 17:34:26	F: (571) 245-8517 T: Tracy	Tracy missed a call from (571) 245-8517	CALL
17.	6/23/2012 17:12:16	CellLocationLocal	Location: 22 West A Condominium 1177 22nd St NW Washington, DC 20037	Location Data
18.	6/28/2012 19:31:33	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Whats going on	Pat (Perry) emails Tracy (Coral) asking her to henceforth communicate using the aliases and the Virtual Machine setup to keep them safer. He also indicates that they might have to get into riskier/illegal business since both of them were facing financial hardships. He tells her that few of his workplace friends were good at these businesses and that he will inform her should something pop-up; in the meantime they should keep discussing some ideas for the same.	Mailbox Data Structure
19.	6/29/2012 14:21:56	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Re: Whats going on	This is an email thread between Pat (Perry) and Tracy (Coral) discussing ideas for making some money. To Pat's suggestion that they use the Virtual Machines and aliases to communicate and keep looking for ways to make money, Tracy replies that she will keep her eyes open for opportunities and insists that Pat try to get in on some business soon, since her kid didn't want to change schools. She also indicates that she is paying attention to documents especially insurance papers so that she could identify something of potential. Pat assures that he will make something happen although he is nervous because IA has been sniffing around.	Mailbox Data Structure
20.	6/29/2012 14:31:36	F: perrypatsum@yahoo.com T: tracysumtwelve@gmail.com	Pat (Perry) emails Tracy addressing her as 'sister' and enquires about Terry. Asks her to	Mailbox Data Structure

		Subject: hey sis	checking with Coral with whom he has been planning some things. He also suggests all of them going together for dinner as friends. He asks Tracy to check in with Coral. Possible misdirection attempted by referring to Coral as a third person in the narrative.	
21.	6/29/2012 15:21:35	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Re: Whats going on	Pat (Perry) replies to the email thread allaying Tracy's (Coral) concern about IA sniffing around him. Tracy in her earlier email in the thread says that although nothing interesting has turned up yet she expects something soon. Pat in his email mentions that they can certainly get the job done if something like what they had earlier discussed pops up.	Mailbox Data Structure
22.	7/2/2012 16:13:18	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Re: Some good news	Email Thread: Some good news Tracy (Coral) emails Pat (Perry) mentioning that some interesting foreign exhibit is going to happen and that from assessing the paperwork she feels that it would be a big deal. Pat (Perry) replies back feeling hopeful about this being the opportunity they were looking for.	Mailbox Data Structure
23.	7/2/2012 16:19:23	CellLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	Location Data
24.	7/2/2012 16:19:24	WifiLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	Location Data
25.	7/2/2012 20:00:31	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Re: Some good news	Email thread: Some good news Following up on the earlier email about the exhibit, Tracy (Coral) mentions going through documents related to the exhibit from which she found that the exhibit is worth a lot of money but the shipping cost is very low comparatively. Pat (Perry) emails back saying that such a thing may mean that the exhibit is something small which would be a very good thing for them.	Mailbox Data Structure
26.	7/3/2012 13:29:37	F: joe.sum.twelve@gmail.com T: tracysumtwelve@gmail.com Subject: Re: Regarding Terry	Email Thread: Regarding Terry Tracy emails Joe asking whether he could help her with Terry's tuition this year since it is becoming too expensive for her. Joe replies back saying that he won't be paying Terry's tuition if she is not living with him.	Mailbox Data Structure
27.	7/3/2012 13:41:51	F: Tracy T: Terry	Tracy messages Terry asking about her opinion on switching schools since they can't Prufrock anymore.	SMS
28.	7/3/2012 13:42:42	WifiLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	Mailbox Data Structure

29.	7/3/2012 14:04:32	F: Terry T: Tracy	Terry replies back saying that she doesn't want to switch schools and would rather stay with her dad and continue at Prufrock	SMS
30.	7/3/2012 14:53:04	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Re: Some good news	Email Thread: Some good news Tracy (Coral) emails Pat (Perry) saying that the exhibit is rare and highly valuable stamp collection and that may be this is their opportunity. Pat (Perry) replies to Tracy (Coral) asking her to collect as much information as possible about the stamp exhibit and that in the meantime he would look into options for pulling off the heist.	Mailbox Data Structure
31.	7/5/2012 15:51:31	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com Subject: Long time no see...	Carry reaches out to Tracy asking her if they could meet-up for lunch and suggests this Friday. She also, mentions that through Facebook she realized that Tracy was having a hard time recently.	Mailbox Data Structure
32.	7/5/2012 16:32:46	CellLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	Location Data
33.	7/5/2012 16:32:47	WifiLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	Location Data
34.	7/5/2012 16:42:27	CellLocationLocal	226 Upshur St NW Washington, DC 20011	Location Data
35.	7/5/2012 16:59:10	Notes: You need to find help for Prufrock	Note to find help regarding Terry's school	/mobile/Library/Caches/Snapshots/com.apple.mobilenotes/Default-Portrait.jpg
36.	7/5/2012 18:18:23	F: Carry T: Tracy	Carry sets up the time and location as 1pm at Bubba's grill for meeting with Tracy	SMS
37.	7/5/2012 18:20:26	F: Tracy T: Carry	Tracy confirms the meeting time and location	SMS
38.	7/6/2012 15:02:19	F: Tracy T: Pat	Tracy asks Pat to give her a call	SMS
39.	7/6/2012 15:08:37	F: Pat T: Tracy	Pat says he is busy and suggests calling later	SMS
40.	7/6/2012 15:11:54	F: Tracy T: Pat	Tracy says its important and insists that pat call her soon	SMS
41.	7/6/2012 15:13:31	F: Pat T: Tracy	Pat says he will call in 5 min	SMS
42.	7/6/2012 15:18:50	F: Pat T: Tracy	Pat calls Tracy and they speak for 4 min 4 secs.	CALL
43.	7/6/2012 15:27:51	F: patsumtwelve@gmail.com T: tracysumtwelve@gmail.com Subject: Re: Good News	Email Thread: Good News Tracy emailed Pat saying that she spoke with Coral and that Coral got some great news about her job and suggested that Pat catch up with	Mailbox Data Structure

			Coral. Pat replied back saying that he knows a guy called King.	
44.	7/6/2012 15:49:31	F: patsumtwelve@gmail.com T: throne1966@hotmail.com Cc:coralbluetwo@hotmail.com Subject: can't pass up	Pat emails King with Tracy (Coral) in cc, saying that he has a lucrative proposition, a heist at national gallery. He also threatens King to comply or else he would put King's parole in jeopardy.	Mailbox Data Structure
45.	7/6/2012 16:27:16	F: Carry T: Tracy	Carry messages saying she has a table inside	SMS
46.	7/6/2012 16:27:50	F: Tracy T: Carry	Tracy replies back saying that she will be there.	SMS
47.	7/6/2012 17:59:24	F: patsumtwelve@gmail.com T: tracysumtwelve@gmail.com Subject: Re: Good News	Email Thread: Good News Tracy suggests they (meaning King, Tracy and Pat) should hang out sometime. Pat emails Tracy with account login information for: coralblue@hotmail.com Password: legalBee	Mailbox Data Structure
48.	7/8/2012 16:33:37	IMG_0042.JPG	Purpose: Strategic Subject: Shrub Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
49.	7/8/2012 16:34:31	IMG_0043.JPG	Purpose: Strategic Subject: Flower pot Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
50.	7/8/2012 16:34:40	CellLocationLocal	Location: National Gallery of Art Sculpture Garden	Location Data
51.	7/8/2012 16:34:50	IMG_0044.JPG	Purpose: Strategic Subject: Bench Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
52.	7/8/2012 16:35:50	IMG_0045.JPG	Purpose: Strategic Subject: Trash Bin Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
53.	7/8/2012 16:36:30	IMG_0046.JPG	Purpose: Strategic Subject: Flowering shrub Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
54.	7/8/2012 16:37:16	IMG_0047.JPG	Purpose: Strategic Subject: Crosswalk Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
55.	7/8/2012 16:37:37	IMG_0048.JPG	Purpose: Strategic Subject: Plaque of National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/

			Location: National Gallery of Art Sculpture Garden	
56.	7/8/2012 16:39:10	CellLocationLocal	Location: National Gallery of Art Sculpture Garden	Location Data
57.	7/8/2012 16:41:41	IMG_0049.JPG	Purpose: Stamp Subject: Stamp – Lot #1 Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
58.	7/8/2012 16:41:53	IMG_0050.JPG	Purpose: Stamp Subject: Lot #13 Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
59.	7/8/2012 16:42:03	IMG_0051.JPG	Purpose: Stamp Subject: Lot #12 or 26 Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
60.	7/8/2012 16:49:25	IMG_0054.JPG	Purpose: Stamp Subject: Lot #1 Location: Washington Metropolitan Area Transit Authority 600 5th Street, NW Washington, DC 20001	/mobile/Media /DCIM/100APP LE/
61.	7/8/2012 16:49:37	IMG_0055.JPG	Subject: Lot #12 or 26 Location: Washington Metropolitan Area Transit Authority 600 5th Street, NW Washington, DC 20001 Purpose: Stamp	/mobile/Media /DCIM/100APP LE/
62.	7/8/2012 16:49:49	IMG_0056.JPG	Subject: Lot #25 Location: Washington Metropolitan Area Transit Authority 600 5th Street, NW Washington, DC 20001 Purpose: Stamp	/mobile/Media /DCIM/100APP LE/
63.	7/8/2012 16:50:07	IMG_0057.JPG	Subject: Lot #27 Location: Washington Metropolitan Area Transit Authority 600 5th Street, NW Washington, DC 20001 Purpose: Stamp	/mobile/Media /DCIM/100APP LE/
64.	7/8/2012 16:50:20	IMG_0058.JPG	Subject: Catalog of Stamps Location: Washington Metropolitan Area Transit Authority 600 5th Street, NW Washington, DC 20001 Purpose: Stamp	/mobile/Media /DCIM/100APP LE/
65.	7/8/2012 16:50:34	IMG_0059.JPG	Purpose: Stamp Subject: Catalog of Stamps	/mobile/Media /DCIM/100APP LE/

66.	7/8/2012 16:50:50	IMG_0060.JPG	Purpose: Stamp Subject: Catalog of Stamps	/mobile/Media /DCIM/100AP PLE/
67.	7/8/2012 16:50:53	IMG_0061.JPG	Purpose: Stamp Subject: Catalog of Stamps	/mobile/Media /DCIM/100AP PLE/
68.	7/8/2012 16:51:03	IMG_0062.JPG	Purpose: Stamp Subject: Catalog of Stamps	/mobile/Media /DCIM/100AP PLE/
69.	7/8/2012 16:51:14	IMG_0063.JPG	Purpose: Stamp Subject: Lot #11	/mobile/Media /DCIM/100AP PLE/
70.	7/8/2012 16:51:44	IMG_0064.JPG	Purpose: Strategic Subject: Water Fountain Location: 1321 5th St NW Washington, DC 20001	/mobile/Media /DCIM/100AP PLE/
71.	7/8/2012 16:59:55	IMG_0065.JPG	Purpose: Stamp Subject: Lot #2 Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
72.	7/8/2012 17:00:01	IMG_0066.JPG	Purpose: Stamp Subject: Unclear Stamps Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
73.	7/8/2012 17:00:08	IMG_0067.JPG	Purpose: Stamp Subject: Lot #11 Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
74.	7/8/2012 17:00:12	IMG_0068.JPG	Purpose: Stamp Subject: Unclear Stamps Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
75.	7/8/2012 17:00:23	IMG_0069.JPG	Purpose: Stamp Subject: Unclear Stamps Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
76.	7/8/2012 17:02:23	IMG_0070.JPG	Purpose: Strategic Subject: Unknown Location: National Gallery of Art Sculpture Garden	/MOBILE/ME DIA/DCIM/100 APPLE/
77.	7/8/2012 18:44:22	000000000375.JPG	Purpose: Strategic Subject: Plant Vase Location: Verizon Center 726 6th St NW Washington, DC 20001	Carved
78.	7/8/2012 18:44:37	000000000377.JPG	Purpose: Strategic Subject: Sculpture Location: Verizon Center 726 6th St NW Washington, DC 20001	Carved

79.	7/8/2012 18:44:41	000000000379.JPG	Purpose: Strategic Subject: Sculpture Location: Verizon Center 726 6th St NW Washington, DC 20001	Carved
80.	7/8/2012 18:44:53	000000000381.JPG	Purpose: Strategic Subject: Sculpture Location: Verizon Center 726 6th St NW Washington, DC 20001	Carved
81.	7/8/2012 19:30:30	000000000373.JPG	Purpose: Stamp Subject: Catalog of stamps	Carved
82.	7/9/2012 14:44:11	F: tracysumtwelve@gmail.com T:coralbluetwo@hotmail.com Subject: things	documents.zip is a compressed ZIP folder containing 3 insurance documents related to stamps. docs.zip is an encrypted ZIP folder containing 3 insurance documents related to stamps.	/mobile/Library/Mail/POP-coralbluetwo@hotmail.com@pop3.live.com/INBOX mbox/Messages/8A3BD06F-CDB1-4453-9C69-77E06823F2AE.emlx
83.	7/9/2012 18:18:47	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com Subject: Re: Long time no see...	Email Thread: Long time no see... Tracy thanked Carry for the lunch. Carry emails Tracy asking for help sneaking in a tablet for a flash mob event they had spoken earlier about. Carry suggests that Tracy would be compensated in some way for the help.	Mailbox Data Structure
84.	7/10/2012 13:48:40	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com Subject: Re: Long time no see...	Email Thread: Long time no see... Tracy agrees to help Carry sneak in the tablet and asks when Carry would like to get in to take a look around the gallery. Carry replies saying that this would be a big help and asks if she could come around 9 tomorrow.	Mailbox Data Structure
85.	7/10/2012 15:24:57	F: patsumtwelve@gmail.com T:coralbluetwo@hotmail.com Subject: Fwd: can't pass up Attachment: needs.txt	Email Thread: cant' pass up King agrees to help with the heist and sends in a document with equipment required for it. The attached document is saved as a 'txt' file. Pat forwards that email to Tracy (Coral) *needs.txt is a pdf file which was saved with a wrong extension.	/mobile/Library/Mail/POP-coralbluetwo@hotmail.com@pop3.live.com/INBOX mbox/Messages/9F0508B8-04FB-490E-A7F0-3E23B0E7C59B.emlx

86.	7/10/2012 15:26:19	F: Pat T: Tracy	Pat messages Tracy telling her about the email and informing that the attachment needs to be changed to pdf. He asks Tracy to tell this information to Coral.	SMS
87.	7/10/2012 15:58:04	F: Tracy T: Pat	Tracy acknowledges the email and message.	SMS
88.	7/10/2012 16:31:10	CellLocation	Location: 2600-2700 24th Rd S, Arlington, VA 22206	Location Data
89.	7/10/2012 16:31:12	WifiLocation	Location: 2600-2700 24th Rd S, Arlington, VA 22206	Location Data
90.	7/10/2012 16:36:51	Maps Directions	Location: 2600-2700 24th Rd S, Arlington, VA 22206 to 1521 North Quaker Lane, Alexandria, VA 22302 (CVS Pharmacy)	/mobile/Library/Maps/Directions.plist
91.	7/10/2012 16:37:09	F: Tracy T: Pat *Failed	Tracy tried to share the following location with Pat over MMS message but it failed. Location: 2600-2700 24th Rd S, Arlington, VA 22206	SMS
92.	7/10/2012 16:44:59	CellLocation	1521 North Quaker Lane, Alexandria, VA 22302 (CVS Pharmacy)	Location Data
93.	7/10/2012 16:45:01	WifiLocation	1521 North Quaker Lane, Alexandria, VA 22302 (CVS Pharmacy)	Location Data
94.	7/10/2012 16:46:29	WifiLocation	1521 North Quaker Lane, Alexandria, VA 22302 (CVS Pharmacy)	Location Data
95.	7/10/2012 16:47:12	CellLocationLocal	1521 North Quaker Lane, Alexandria, VA 22302 (CVS Pharmacy)	Location Data
96.	7/10/2012 17:18:38	F: Tracy T: Terry	Tracy messages Terry for Lunch	SMS
97.	7/10/2012 18:19:24	F: Tracy T: Terry	Tracy messages Terry that she is back at work.	SMS
98.	7/10/2012 18:58:24	F: Terry T: Tracy	Terry messages Tracy saying she is busy and suggests meeting up over the weekend if her dad isn't busy.	SMS
99.	7/11/2012 12:41:45	F: Carry T: Tracy	Carry messages Tracy informing that she is almost there (National Gallery)	SMS
100.	7/11/2012 12:49:08	F: Tracy T: Carry	Tracy replies to Carry asking her to meet out front. She says that she will take the tablet in.	SMS
101.	7/11/2012 17:06:19	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com Subject: Re: Long time no see...	Email Thread: Long time no see Tracy confirms the meet at 9 tomorrow. Carry wants Tracy to pass her information regarding shift changes of security. She suggests that Tracy would be well compensated for the information. Tracy confirms that she will give the security shift information Carry requested in exchange for money but asks Carry to be careful with it.	Mailbox Data Structure

			Carry replies asking Tracy not to worry and says "It will be gun".	
102.	7/11/2012 18:53:54	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com Subject: Re: Long time no see...	Email Thread: Long time no see Previous email from the thread from Carry asking for the security shift details from Tracy.	Mailbox Data Structure
103.	7/11/2012 19:28:53	F: "Google+" <noreply-5dd47ca1@plus.google.com> T: tracysumtwelve@gmail.com Subject: Carry Carsumtwotwelve added you on Google+	Notification from Google+ (social network) informing Tracy that Carry added her to a circle(group). The notification also contains a suggestion for Tracy: That she might know Alex JFamEleven who is in Carry's circles.	Mailbox Data Structure
104.	7/11/2012 23:22:03	F: "Carry Carsumtwotwelve (Google+)" <replyto-748d3d22@plus.google.com> T: tracysumtwelve@gmail.com Subject: Carry Carsumtwotwelve is sharing with you on Google+	Notification from Google+ informing Tracy that Carry had shared an album.	Mailbox Data Structure
105.	7/12/2012 16:12:07	F: "Carry Carsumtwotwelve (Google+)" <replyto-748d3d22@plus.google.com> T: tracysumtwelve@gmail.com Subject: Carry Carsumtwotwelve is sharing with you on Google+	Notification from Google+ informing Tracy that Carry had shared an album.	Mailbox Data Structure
106.	7/12/2012 17:06:45	F: Tracy T: Carry	Tracy messages Carry asking her about the flash mob	SMS
107.	7/12/2012 18:03:51	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com Subject: Re: Long time no see...	Email Thread: Long time no see... Tracy emailed Carry asking her what she meant by "It will be gun" Carry replies saying that it was a typographical error and she meant "It will be fun".	/mobile/Library/Mail/POP-coralbluetwo@hotmail.com@pop3.live.com/INBOX mbox/Messages/3896FC6F-A083-4D39-B0A2-CE68368D44CA.emlx
108.	7/13/2012 1:02:10	F: Terry T: Tracy	I really want to go to Dad's this weekend. He said he'll take me shopping for school	SMS

5 Investigative Leads

- Taking into consideration Artifacts #85 through #95:
 - i. Tracy was given list of things needed for the heist
 - ii. She searches on the Map application for the nearest CVS Pharmacy when she was at 2600-2700 24th Rd S, Arlington, VA 22206.
 - iii. She also tries to share her current location with Pat via MMS which fails
 - iv. She sets up the route to the CVS Pharmacy located at 1521 North Quaker Lane, Alexandria, VA 22302.
 - v. Location data then places her in the vicinity of the CVS Pharmacy mentioned above.
- This sequence of events might mean that Tracy shopped at the Pharmacy for something related to the heist. So, further enquiry must be done at the Pharmacy.
- All locations recorded either via geo-tagged photos or consolidated.db must be explored for reasons that Tracy was situated there at that given moment of time.
- Photos whose purpose was marked as strategic should be investigated further, as to their utility in the scenario.
- Calls from numbers not attributed to anyone in the report must be investigated to determine the cause and effect of the call.

6 Conclusion

On Tracy's Phone, evidence was found to indicate the following:

- Tracy was using the alias Coral and Pat was using the alias Perry
- Tracy's prime motive was financial gain for planning the stamp heist.
- Tracy emailed National Gallery DC stamp letters to her personal email account and to Pat
- Tracy formulated a plan with Pat to steal stamps
- Tracy knew that Pat, was trying to coerce someone named King to help with the heist
- Tracy helped Carry also, for financial gain.
- Tracy leaked sensitive security rotation information about the National gallery to Carry.
- Tracy helped Carry smuggle a tablet into the Gallery.
- Tracy did not know about the bigger plan that Carry had in mind.

7 Appendix

Appendix A: Stamp Insurance Documents



Memorandum of Insurance Assurance:

TO: MyStamp Collections

In Regards to items owned or on loan to the National Gallery DC , Washington from MyStamp Collections from the period of May 12, 2012 to May 12, 2013, all items in aforementioned list will be in the custody of National Gallery DC and therefore fiscal responsibility of said items is carried by the same. As per agreement between both parties the following items are covered by AwesomeInsurance Inc. Policy x23654 for the following amounts under any circumstances leading to the degradation of said items excepting normal wear of display.

Lot # 25. Armed Forces Reserve	\$43,000.00
Lot # 26. Stamp of Kazakstan2	\$29,000.00
Lot# 27. BradyCo.	\$12,000.00

Terms do not cover period of transport from or to the National Gallery.

D'Mann
A handwritten signature in black ink, appearing to read "D'Mann".
President National Gallery DC

For The Internal use of National Gallery and MyStamp Collections Only.

Figure 7.1.1: Stamp Insurance 1.pdf



NATIONAL GALLERY DC
WASHINGTON



Memorandum of Insurance Assurance:

TO: MyStamp Collections

In Regards to items owned or on loan to the National Gallery DC , Washington from MyStamp Collections from the period of May 12, 2012 to May 12, 2013, all items in aforementioned list will be in the custody of National Gallery DC and therefore fiscal responsibility of said items is carried by the same. As per agreement between both parties the following items are covered by AwesomeInsurance Inc. Policy x23654 for the following amounts under any circumstances leading to the degradation of said items excepting normal wear of display.

Lot # 11. Woman's Profile	\$31,000.00
Lot # 12. Stamp of Kazakstan	\$29,000.00
Lot# 13. 1929 Napal	\$27,000.00

Terms do not cover period of transport from or to the National Gallery.

D'Mann

A handwritten signature of D'Mann above the title.
President National Gallery DC

For The Internal use of National Gallery and MyStamp Collections Only.

Figure 7.1.2: Stamp Insurance 2.pdf



NATIONAL GALLERY DC
WASHINGTON



Memorandum of Insurance Assurance:

TO: MyStamp Collections

In Regards to items owned or on loan to the National Gallery of Art, Washington from MyStamp Collections from the period of May 12, 2012 to May 12, 2013, all items in aforementioned list will be in the custody of National Gallery DC and therefore fiscal responsibility of said items is carried by the same. As per agreement between both parties the following items are covered by AwesomeInsurance Inc. Policy x23654 for the following amounts under any circumstances leading to the degradation of said items excepting normal wear of display.

Lot # 1. Douglas MacArthur	\$35,000.00
Lot # 2. Nederland	\$30,000.00
Lot# 3. Mongolia	\$24,000.00

Terms do not cover period of transport from or to the National Gallery.

D'Mann

President National Gallery DC

For The Internal use of National Gallery and MyStamp Collections Only.

Figure 7.1.3: Stamp Insurance 3.pdf

Appendix B: Photos

Table 7-2: Details of Photos found in the Device		
Name	Path/Location	Photo
IMG_0042.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	
IMG_0043.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	
IMG_0044.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	

IMG_0045.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	
IMG_0046.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	
IMG_0047.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	
IMG_0048.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	

IMG_0049.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	
IMG_0050.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	
IMG_0051.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	
IMG_0054.JPG	/mobile/Media/DCIM/100APPLE/	

IMG_0055.JPG	/mobile/Media/DCIM/100APPLE/	
IMG_0056.JPG	/mobile/Media/DCIM/100APPLE/	
IMG_0057.JPG	/mobile/Media/DCIM/100APPLE/	
IMG_0058.JPG	/mobile/Media/DCIM/100APPLE/	

IMG_0059.JPG	/mobile/Media/DCIM/100APPLE/	
IMG_0060.JPG	/mobile/Media/DCIM/100APPLE/	
IMG_0061.JPG	/mobile/Media/DCIM/100APPLE/	
IMG_0062.JPG	/mobile/Media/DCIM/100APPLE/	

IMG_0063.JPG	/mobile/Media/DCIM/100APPLE/	
IMG_0064.JPG	/mobile/Media/DCIM/100APPLE/	
IMG_0065.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	
IMG_0066.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	

IMG_0067.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	
IMG_0068.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	
IMG_0069.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	
IMG_0070.JPG	/MOBILE/MEDIA/DCIM/100APPLE/	

000000000375.JPG	Carved Size: 687.9KB MD5: CC4D5268BAEFE09B30C3DBB1A4673FE3 Physical Sector: 264806 Logical Sector: 90720	
000000000377.JPG	Carved Size: 458.3KB MD5: C5D5B959B3A1B7FD07CA080B200B7F5E Physical Sector: 264382 Logical Sector: 90296	
000000000379.JPG	Carved Size: 434.6KB MD5: 20B731566DBBC0A00F731C44B62C5EA9 Physical Sector: 264693 Logical Sector: 90607	
000000000381.JPG	Carved Size: 495.3KB MD5: 30E45F98BCCC880550752596E02C71D4 Physical Sector: 264806 Logical Sector: 90720	

000000000373.JPG	<p>Carved Size: 570.4KB MD5:1EED861173355E353EFE0751708303F0 Physical Sector:263990 Logical Sector: 89904</p>	
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Appendix C: Email Parsing Methodology

Emails present on this device are stored in 2 ways:

- i. Hierarchical directory storage in “/mobile/Library/Mail/<Mailbox>/<folder>”
- ii. In a Data Structure with two correlated SQLite databases: Envelope Index and Protected Index; located at “/mobile/Library/Mail/”

Emails stored in the second way were parsed using the following methodology:

Table 7-3: Email Parsing Correlation						
Database Name	Table Name	Key Column 1	Key Column 2	Key Column 3	Key Column 4	Key Column 5
Envelope Index	Mailboxes	ROWID	url (folder name within an email id)			
	Messages	mailbox	-	ROWID		
	Message_data			Message_id	ROWID	
Protected Index	Messages			Message_id		
	Message_data				M_data_id	data

The fields circled together are the ones on which values are matched to create the correlation between data in all the tables.

Appendix D: Email Content

Table 7-4: Contents of Emails		
Timestamp	Header Information	Body
6/19/2012 20:06:33	F: patsumtwelve@gmail.com T: tracysumtwelve@gmail.com Subject: Paris Speak and answer	Tracy, Je consid=E9rais votre proposition. Ma r=E9ponse est oui! Vous avez dit que vous avez un alias. Envoyez-moi l'adresse e-mail, et je vais vous fournir des instructions suppl=E9mentaires. caresse *Translation from French to English “Tracy, I considered your proposal. My answer is yes! You said that you have an alias. Send me e-mail, and I will provide you supplementary instructions. pat ”
6/19/2012 20:26:47	F: perrypatsum@yahoo.com T: tracysumtwelve@gmail.com Subject: Look me up sometime	Tracy, Talked to your brother about an email. You should have your friend, Alias, send me an email. Thanks

		Perry,
6/19/2012 21:38:59	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Crazydave by the VMs Attachment: Crazydave1.mp3	<p>Hey Coral,</p> <p>Just got your email. That took longer than expected! Oh well!</p> <p>You've got to check out this new song by the VMs. I love the base. Tell me what you think!</p> <p>Perry</p> <p>Attachment: Crazydave1.mp3</p> <p>**Base64 encoded file, which was decoded and then the contents of the audio file were analyzed. From timestamp 01:20 (mm:ss) there is a section of instruction on how to install virtual machines. That section is transcribed as below:</p> <p>“<inaudible> Installing Virtual box is pretty simple. Just make sure you have over 1 gigabyte of RAM on your computer before installing it, otherwise we will need to do something else. Go to your Apple Menu and select About This Mac, the memory field will tell you the amount of RAM you have installed. If its over 1 GB, then installing virtual box should not be a problem. First log on to http://www.virtualbox.org/wiki/downloads and find the link for Intel Macs. Second mount the dmg file and open it and double click virtualbox.mpkg. Follow the instructions till you finish the installation. Third, once installed, run virtual box from applications. You might want to drag the icon and drop on to the dock. Give me <inaudible> if you have any problems. Finally give me a <inaudible> when you have it installed. I'm putting together a virtual machine to help us share information on project ‘Big Lift’. -Perry”</p> <p>File Metadata has specific instructions as well: ‘Gets interesting after a minute or two.’ And the operation name ‘Big Lift’ is also mentioned in the metadata.</p>
6/19/2012 21:39:34	F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com Subject: Re: ???	<p>They are just now trickling in.</p> <hr/> <p>From: Coral BlueTwo <coralbluetwo@hotmail.com> To: Perry Patsum <perrypatsum@yahoo.com> Sent: Tuesday, June 19, 2012 5:02 PM Subject: ???</p> <p>Are you getting my emails? I've sent you two already. I thought to hear back from you by now...</p>
6/21/2012 17:43:15	F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com Subject: Re: Crazydave by the VMs	<p>It probably wouldn't hurt to listen to some of these other songs as well. Not critical though...</p> <p>-Perry</p>

		<p>From: Coral BlueTwo <coralbluetwo@hotmail.com> To: Perry Patsum <perrypatsum@yahoo.com> Sent: Thursday, June 21, 2012 9:35 AM Subject: RE: Crazydave by the VMs</p> <p>Yes Perry, that song was great. It really 'set me up' for a good listen.</p> <p>Thanks, Coral</p> <p>Date: Tue, 19 Jun 2012 14:38:59 -0700 From: perrypatsum@yahoo.com Subject: Crazydave by the VMs To: coralbluetwo@hotmail.com</p> <p>Hey Coral,</p> <p>Just got your email. That took longer than expected! Oh well!</p> <p>You've got to check out this new song by the VMs. I love the base. Tell me what you think!</p> <p>Perry</p>
6/28/2012 19:31:33	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Whats going on	Coral, Great, now that we have everything set up it would be better to do most of our communication here and on your new 'setup'. This might keep us a little bit safer. I know money is rough for both of us, so we may have to 'push the envelope' a bit. A few friends from around the office are really good about these types of things, If I find out anything interesting I will shoot you an email. In the meantime let's try to shoot some ideas and back and forth. Your friend, Perry
6/29/2012 14:21:56	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Re: Whats going on	Okay, we will work something out. I just need to be careful IA has been sniffing around the office. Makes me nervous, but I am sure we can still something happen.

From: Coral <coralbluetwo@hotmail.com>
To: Perry Patsum <perrypatsum@yahoo.com>

		<p>Sent: Thursday, June 28, 2012 4:16 PM Subject: Re: Whats going on</p> <p>On 6/28/2012 12:31 PM, Perry Patsum wrote:</p> <p>Coral, > >Great, now that we have everything set up it would be better to do most of our communication here and on your new 'setup'. This might keep us a little bit safer. I know money is rough for both of us, so we may have to 'push the envelope' a bit. > >A few friends from around the office are really good about these types of things, If I find out anything interesting I will shoot you an email. In the meantime let's try to shoot some ideas and back and forth. > >Your friend, >Perry Perry,</p> <p>I know what you mean. If anything comes up around the office that we can maybe... get in on, please lets try to do so. Kiddo is getting really bent out of shape about possibly having to switch schools. I have been paying some more attention to the memos and papers that come across my desk. We get a bunch of insurance type documents that place values on a certain objects. If anything stands out, I'll let you know.</p> <p>Coral</p>
6/29/2012 14:31:36	F: perrypatsum@yahoo.com T: tracysumtwelve@gmail.com Subject: hey sis	<p>Hey sis,</p> <p>How have things been working at home? Did Terry sort out those problems she was having in her literature class? I'm sorry I haven't been able to check in with you guys more often... I have been busy trying to sort some things with your friend Coral. We should all go out for dinner as friends some time! Check in with her.</p> <p>Pat</p>
6/29/2012 15:21:35	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Re: Whats going on	<p>Coral,</p> <p>Will do, but don't worry. If something like we talked about happens to pop up, we can definitely pull something like this off.</p> <p>Take care, Perry</p> <hr/> <p>From: Coral <coralbluetwo@hotmail.com> To: Perry Patsum <perrypatsum@yahoo.com> Sent: Friday, June 29, 2012 1:50 PM</p>

Subject: Re: Whats going on

On 6/29/2012 7:21 AM, Perry Patsum wrote:

Okay, we will work something out. I just need to be careful IA has been sniffing around the office. Makes me nervous, but I am sure we can still something happen.

>
>
>

> From: Coral mailto:coralbluetwo@hotmail.com
> To: Perry Patsum mailto:perrypatsum@yahoo..com
> Sent: Thursday, June 28, 2012 4:16 PM
> Subject: Re: Whats going on

>
>

>On 6/28/2012 12:31 PM, Perry Patsum wrote:

>
>Coral,
>>

>>Great, now that we have everything set up it would be better to do most of our communication here and on your new 'setup'. This might keep us a little bit safer. I know money is rough for both of us, so we may have to 'push the envelope' a bit.

>>

>>A few friends from around the office are really good about these types of things, If I find out anything interesting I will shoot you an email. In the meantime let's try to shoot some ideas and back and forth..

>>

>>Your friend,
>>Perry

Perry,

>

>I know what you mean. If anything comes up around the office that we can maybe... get in on, please lets try to do so. Kiddo is getting really bent out of shape about possibly having to switch schools.. I have been paying some more attention to the memos and papers that come across my desk. We get a bunch of insurance type documents that place values on a certain objects. If anything stands out, I'll let you know.

>
>Coral
>
>

Be careful! We have enough problems as it is, we can't be getting in trouble or losing our jobs. Nothing special has turned up here, but I am still keeping an eye out. We usually start to host some interesting events this time of the year, I'm sure something will pop up.

		Coral
7/2/2012 16:13:18	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Re: Some good news	<p>Awesome. Hopefully this turns out to be our lucky break.</p> <p>Perry</p> <hr/> <p>From: Coral <coralbluetwo@hotmail.com> To: Perry Patsum <perrypatsum@yahoo.com> Sent: Monday, July 2, 2012 12:05 PM Subject: Some good news</p> <p>Perry,</p> <p>I think I may have come across something interesting. Everybody around the office seems to be buzzed about a foreign exhibit that is supposed to be coming over. There hasn't been any official release in writing but we have been going through quite an ordeal with all this paperwork. From what I can tell, this exhibit has to be a big deal. I'll let you know if I found out anything else.</p> <p>Coral</p>
7/2/2012 20:00:31	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Re: Some good news	<p>That is weird. Hopefully it just means that it is something small, and that could be a very good thing for us.</p> <hr/> <p>From: Coral <coralbluetwo@hotmail.com> To: Perry Patsum <perrypatsum@yahoo.com> Sent: Monday, July 2, 2012 6:11 PM Subject: Re: Some good news</p> <p>On 7/2/2012 9:13 AM, Perry Patsum wrote:</p> <p>Awesome. Hopefully this turns out to be our lucky break. > > >Perry > > > ></p> <hr/> <p>> From: Coral <coralbluetwo@hotmail.com> > To: Perry Patsum <perrypatsum@yahoo.com> > Sent: Monday, July 2, 2012 12:05 PM > Subject: Some good news > >Perry, > >I think I may have come across something interesting. Everybody around the office seems to be buzzed about a foreign exhibit that is supposed to be coming over. There</p>

		<p>hasn't been any official release in writing but we have been going through quite an ordeal with all this paperwork. From what I can tell, this exhibit has to be a big deal. I'll let you know if I found out anything else.</p> <p>> >Coral > > ></p> <p>Okay, so there has been a lot of money being thrown around to get this exhibit over to us. I've been swimming through paperwork and memos all day, but none if it seems to have any solid information that could help us.</p> <p>I had to scan and verify some shipping information, and compared to what it usually costs to ship exhibits... this ones seems relatively cheap. I'm not sure if this is good or bad for us (or even an error), but hopefully I will be able to find out more later in the week.</p>
7/3/2012 13:29:37	F: joe.sum.twelve@gmail.com T: tracysumtwelve@gmail.com Subject: Re: Regarding Terry	<p>Sorry Tracy. I'm not going to be paying for Terry's school if shes not living with me. I hope things take an upturn for you.</p> <p>Joe</p> <p>On Mon, Jul 2, 2012 at 4:06 PM, Tracy Sumtwelve <tracysumtwelve@gmail.com>wrote:</p> <p>> Joe, > > Sorry to bother you, but I have a serious question about Terry and her > school. Her tuition is getting a bit too much for me right now and I could > use a little help. I hate to impose on you for this, but is there any way > you would be willing to help me out with her tuition this year? > > Please get back to me, > Tracy</p>
7/3/2012 14:53:04	F: perrypatsum@yahoo.com T:coralbluetwo@hotmail.com Subject: Re: Some good news	<p>That may just be exactly what we need. Try to collect as much information on the exhibit as you can, the more information... the better. In the meantime, I will try to look into our options for actually pulling something like this off.</p> <p>From: Coral <coralbluetwo@hotmail.com> To: Perry Patsum <perrypatsum@yahoo.com> Sent: Tuesday, July 3, 2012 12:32 PM Subject: Re: Some good news</p> <p>On 7/2/2012 1:00 PM, Perry Patsum wrote:</p> <p>That is weird. Hopefully it just means that it is something small, and that could be a very good thing for us. > ></p>

>
> From: Coral <coralbluetwo@hotmail.com>
> To: Perry Patsum <perrypatsum@yahoo.com>
> Sent: Monday, July 2, 2012 6:11 PM
> Subject: Re: Some good news
>
>
>On 7/2/2012 9:13 AM, Perry Patsum wrote:
>
>Awesome. Hopefully this turns out to be our lucky break.
>>
>>
>>Perry
>>
>>
>>
>>
>> From: Coral <coralbluetwo@hotmail.com>
>> To: Perry Patsum <perrypatsum@yahoo.com>
>> Sent: Monday, July 2, 2012 12:05 PM
>> Subject: Some good news
>>
>>Perry,
>>
>>I think I may have come across something
interesting. Everybody around the office seems to
be buzzed about a foreign exhibit that is supposed
to be coming over. There hasn't been any official
release in writing but we have been going through
quite an ordeal with all this paperwork. From what
I can tell, this exhibit has to be a big deal.
I'll let you know if I found out anything else.
>>
>>Coral
>>
>>
>>
Okay, so there has been a lot of money being thrown around to get this
exhibit over to us. I've been swimming through paperwork and memos all
day, but none of it seems to have any solid information that could help us.
>
>I had to scan and verify some shipping information, and
compared to what it usually costs to ship exhibits... this
one seems relatively cheap. I'm not sure if this is good
or bad for us (or even an error), but hopefully I will be
able to find out more later in the week.
>
>
>
>
I was told that we are supposed to be receiving a rare collection of
stamps. That would explain why the shipping information looked a bit out
of the ordinary to me. I'm not certain of the specifics for the stamps, but
they seem to be very highly valued by somebody. Maybe this is our ticket.

7/5/2012 15:51:31	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com Subject: Long time no see...	Hi, I saw on facebook that you were having a hard time lately, and i realized that we haven't spoken face to face in quite a while. I was really hoping that we could get together and have lunch. Does this Friday sound good? Let me know. -Carry
7/6/2012 15:27:51	F: patsumtwelve@gmail.com T: tracysumtwelve@gmail.com Subject: Re: Good News	hey sis i know a guy...he's known as king On Tue, Jul 3, 2012 at 9:34 AM, Tracy Sumtwelve <tracysumtwelve@gmail.com>wrote: > I just talked to Coral, she sounded ecstatic. She mentioned she just got > some great news about her job. You should catch up with her. > > Tracy
7/6/2012 15:49:31	F: patsumtwelve@gmail.com T: throne1966@hotmail.com Cc:coralbluetwo@hotmail.com Subject: can't pass up	King, Long time no see...I have a juicy proposition for you. Two weeks from now, me and my associates are planning a heist at the national gallery. Although, we need a helping hand. I know that you are on parole right now and are probably hesitant to participate. Me and your parole officer go years back. He is a very strict fellow. If he were to find out that you were dealing drugs and shooting dope in your veins every night, i feel he wouldn't be too happy. It's very easy for a person to phone the feds an anonymous tip that you are on drugs and the location of your stash. All they have to do is give you a drug test and since you're on parole, the feds don't need a search warrant. Well hit me up. You know where to find me.
7/6/2012 17:59:24	F: patsumtwelve@gmail.com T: tracysumtwelve@gmail.com Subject: Re: Good News	Hey sis here is the login info for the other account we talked about - AGAINcoralblue@hotmail.comPW: legalBee On Fri, Jul 6, 2012 at 11:42 AM, Tracy TeeSumTwelve <tracysumtwelve@gmail.com> wrote: Oh cool, we should hang out sometime. On Fri, Jul 6, 2012 at 11:27 AM, Pat TeeSumTwelve <patsumtwelve@gmail.com> wrote: hey sis i know a guy...he's known as king On Tue, Jul 3, 2012 at 9:34 AM, Tracy Sumtwelve <tracysumtwelve@gmail.com> wrote: I just talked to Coral, she sounded ecstatic. She mentioned she just got some great news about her job. You should catch up with her. Tracy
7/9/2012 14:44:11	F: tracysumtwelve@gmail.com T:coralbluetwo@hotmail.com Subject: things	Attachments: documents.zip docs.zip (Appendix A)
7/9/2012 18:18:47	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com	Hey I was wondering if there was any way you could help me get my tablet into the gallery. I know security isn't to keen on computers and the like in the gallery, but

	<p>Subject: Re: Long time no see...</p> <p>maybe you could pull some strings and get it in for me? I can make it worth your while :) But really I would happy to get lunch again or something else for your help. I want to get some pictures for my flash mob event I told you about. Let me know.</p> <hr/> <p>On Fri, Jul 6, 2012 10:55 AM PDT Tracy Sumtwelve wrote:</p> <p>>Hey Carry, > >Just wanted to say thanks for lunch. I had a great time and it was good catching up with you. We should do lunch more often. > > >Tracy >On Jul 5, 2012, at 11:51 AM, Carry Sumttwentytwelve wrote: > >> >> Hi, >> >> I saw on facebook that you were having a hard time lately, and i realized that we haven't spoken face to face in quite a while. I was really hoping that we could get together and have lunch. Does this Friday sound good? Let me know. >> >> -Carry ></p>
7/10/2012 13:48:40	<p>F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com</p> <p>Subject: Re: Long time no see...</p> <hr/> <p>Awesome this will be a big help. Can i come in tommorrow, around 9?</p> <hr/> <p>On Tue, Jul 10, 2012 6:29 AM PDT Tracy Sumtwelve wrote:</p> <p>>Hey, > >I can definitely help get your tablet in. Our security guards can be pretty ridiculous sometimes! When would you want to get in and take a look around? > >Tracy > >On Jul 9, 2012, at 2:18 PM, Carry Sumttwentytwelve wrote: > >> >> >> Hey I was wondering >> if there was any way you could help me get my tablet into the gallery. I know security isn't to keen on computers and the like in the gallery, but maybe you could pull some strings and get it in for me? I can make it worth your while :) But really I would happy to get lunch again or something else for your help. I want to get some pictures for my flash mob event I told you about. Let me know.</p>

		>> >> >> >> ----- >> On Fri, Jul 6, 2012 10:55 AM PDT Tracy Sumtwelve wrote: >> >> Hey Carry, >> >> Just wanted to say thanks for lunch. I had a great time and it was good catching up with you. We should do lunch more often. >> >> >> Tracy >> On Jul 5, 2012, at 11:51 AM, Carry Sumttwentytwelve wrote: >> >>> >>> Hi, >>> >>> I saw on facebook that you were having a hard time lately, and i realized that we haven't spoken face to face in quite a while. I was really hoping that we could get together and have lunch. Does this Friday sound good? Let me know. >>> >>> -Carry >> >> >
7/10/2012 15:24:57	F: patsumtwelve@gmail.com T:coralbluetwo@hotmail.com Subject: Fwd: can't pass up Attachment: needs.txt	this is what we need to get for the guy thats going to make our job happen ----- Forwarded message ----- From: King kthings <throne1966@hotmail.com> Date: Tue, Jul 10, 2012 at 11:19 AM Subject: RE: can't pass up To: patsumtwelve@gmail.com You're too kind... I got you brotha. I need some tools in order to do this job for you. Here are some requirements that i will need: see attachment ----- Date: Fri, 6 Jul 2012 11:49:31 -0400 Subject: can't pass up From: patsumtwelve@gmail.com To: throne1966@hotmail.com CC: coralbluetwo@hotmail.com King, Long time no see...I have a juicy proposition for you. Two weeks from now,

		<p>me and my associates are planning a heist at the national gallery. Although, we need a helping hand. I know that you are on parole right now and are probably hesitant to participate. Me and your parole officer go years back. He is a very strict fellow. If he were to find out that you were dealing drugs and shooting dope in your veins every night, i feel he wouldn't be too happy. It's very easy for a person to phone the feds an anonymous tip that you are on drugs and the location of your stash. All they have to do is give you a drug test and since you're on parole, the feds don't need a search warrant. Well hit me up. You know where to find me.</p> <p>*needs.txt is a pdf file which was saved with a wrong extension. Upon rectifying the file extension, the contents of the file were:</p> <ul style="list-style-type: none"> -A rope and javelin (using alternative means to break in) -tactical turtlenecks (what i will be wearing) -spray paint (for the cameras) -vibram five finger shoes (in order to walk silently) -pack of smokes (detecting lasers) -smoke grenades (use as a means of escape if caught)
7/11/2012 17:06:19	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com Subject: Re: Long time no see...	<p><i>*(Stored message is Base64 encoded which was decoded to produce the plain text)</i></p> <p><i>Don't. Worry so much.</i></p> <p><i>It will be gun</i></p> <p><i>Tracy TeeSumTwelve <tracysumtwelve@gmail.com> wrote:</i></p> <p><i>>Okay carrie I'm going to send this but you need to make sure no one else</i></p> <p><i>>sees it okay I could get in a bunch of trouble. I want to help you and I</i></p> <p><i>>could really use some extra cash too but please please be careful.</i></p> <p><i>></i></p> <p><i>>On Wed, Jul 11, 2012 at 2:53 PM, Carry Sumttwentytwelve <</i></p> <p><i>>carrysum2012@yahoo.com> wrote:</i></p> <p><i>></i></p> <p><i>>></i></p> <p><i>>></i></p> <p><i>>> Hey so i'm putting together this event we talked about and i want to</i></p> <p><i>>> make</i></p> <p><i>>> it as painless as possible. I know that your security folk sometimes get</i></p> <p><i>>> a little out of sorts. Is there a good time or maybe you could just let</i></p> <p><i>>> know the shift changes so you dont have to know when i am going to</i></p> <p><i>>> do this.</i></p> <p><i>>> I have a pretty good budget for the event if you would like a little</i></p> <p><i>>> something for the info.</i></p> <p><i>>> -----</i></p> <p><i>>> On Tue, Jul 10, 2012 8:15 AM PDT Tracy TeeSumTwelve wrote:</i></p> <p><i>>></i></p> <p><i>>> >Yea sure, that sounds good. See you tommorow!</i></p> <p><i>>> ></i></p> <p><i>>> >Tracy</i></p>

>> >
>> >On Tue, Jul 10, 2012 at 9:48 AM, Carry Sumttwentytwelve <
>> carrysum2012@yahoo.com> wrote:
>> >
>> >>
>> >>
>> >> Awesome this will be a big help. Can i come in tommorrow, around
9?
>> >>
>> >>
>> >> -----
>> >> On Tue, Jul 10, 2012 6:29 AM PDT Tracy Sumtwelve wrote:
>> >>
>> >> >Hey,
>> >> >
>> >> >I can definitely help get your tablet in. Our security guards can be
>> >> pretty ridiculous sometimes! When would you want to get in and
take a
>> look
>> >> around?
>> >> >
>> >> >Tracy
>> >> >
>> >> >On Jul 9, 2012, at 2:18 PM, Carry Sumttwentytwelve wrote:
>> >> >
>> >> >
>> >> >
>> >> > Hey I was wondering
>> >> > if there was any way you could help me get my tablet into the
gallery.
>> >> > I know security isn't to keen on computers and the like in the
gallery,
>> >> > but maybe you could pull some strings and get it in for me? I can
make
>> it
>> >> > worth your while :) But really I would happy to get lunch again or
>> >> > something else for your help. I want to get some pictures for my
flash
>> mob
>> >> event I told you about. Let me know.
>> >> >
>> >> >
>> >> >
>> >> > -----
>> >> > On Fri, Jul 6, 2012 10:55 AM PDT Tracy Sumtwelve wrote:
>> >> >
>> >> > Hey Carry,
>> >> >
>> >> > Just wanted to say thanks for lunch. I had a great time and it was
>> >> > good
>> >> > catching up with you. We should do lunch more often.
>> >> >
>> >> >
>> >> > Tracy

		<pre>>>> > On Jul 5, 2012, at 11:51 AM, Carry Sumttwentytwelve wrote: >>> > >>> >> >>> >>> Hi, >>> >> >>> >>> I saw on facebook that you were having a hard time lately, and i >>> realized that we haven't spoken face to face in quite a while. I was >> really >>> hoping that we could get together and have lunch. Does this Friday >> sound >>> good? Let me know. >>> >> >>> >>> -Carry >>> > >>> > >>> > >>> >>> >> >></pre>
7/11/2012 18:53:54	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com Subject: Re: Long time no see...	<p>Hey so i'm putting together this event we talked about and i want to make it as painless as possible. I know that your security folk sometimes get a little out of sorts. Is there a good time or maybe you could just let know the shift changes so you dont have to know when i am going to do this. I have a pretty good budget for the event if you would like a little something for the info.</p> <hr/> <p>On Tue, Jul 10, 2012 8:15 AM PDT Tracy TeeSumTwelve wrote:</p> <p>>Yea sure, that sounds good. See you tommorow! > >Tracy > >On Tue, Jul 10, 2012 at 9:48 AM, Carry Sumttwentytwelve < >carrysum2012@yahoo.com> wrote: > >> >> >> Awesome this will be a big help. Can i come in tommorrow, around 9? >> >> >> >> ----- >> On Tue, Jul 10, 2012 6:29 AM PDT Tracy Sumtwelve wrote: >> >> >Hey, >> > >> >I can definitely help get your tablet in. Our security guards can be >> pretty ridiculous sometimes! When would you want to get in and take a look >> around? >> > >> >Tracy >> > >> >On Jul 9, 2012, at 2:18 PM, Carry Sumttwentytwelve wrote:</p>

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>> Hey I was wondering
>> if there was any way you could help me get my tablet into the gallery.
>> I know security isn't to keen on computers and the like in the gallery,
>> but maybe you could pull some strings and get it in for me? I can make
it
>> worth your while :) But really I would happy to get lunch again or
>> something else for your help. I want to get some pictures for my flash
mob
>> event I told you about. Let me know.
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>> > Hey Carry,
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good
>> > catching up with you. We should do lunch more often.
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>> > Tracy
>> > On Jul 5, 2012, at 11:51 AM, Carry Sumttwentytwelve wrote:
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>>> > Hi,
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>>> > I saw on facebook that you were having a hard time lately, and i
>> > realized that we haven't spoken face to face in quite a while. I was
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>> > hoping that we could get together and have lunch. Does this Friday
sound
>> > good? Let me know.
>>>
>>> > -Carry
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7/11/2012 19:28:53	<p>F: "Google+" <noreply-5dd47ca1@plus.google.com> T: tracysumtwelve@gmail.com</p> <p>Subject: Carry Carsumtwotwelve added you on Google+</p>	 <p>Follow and share with Carry by adding her to a circle. Don't know this person? You don't have to add them back (they'll just see the stuff you share publicly). Learn more.</p> <p>Add to circles</p> <hr/> <p>People you might know in Carry Carsumtwotwelve's circles. View all »</p>  <p>Alex JFamEleven Add to circles</p> <hr/> <p>Change what email Google+ sends you. View Carry's profile or block Carry completely. Google+</p>
7/11/2012 23:22:03	<p>F: "Carry Carsumtwotwelve (Google+)" <replyto-748d3d22@plus.google.com> T: tracysumtwelve@gmail.com</p> <p>Subject: Carry Carsumtwotwelve is sharing with you on Google+</p>	<p>See what Carry Carsumtwotwelve is sharing with you. Google+</p> <p>Carry Carsumtwotwelve has added you to her circles on Google+. Take a look at what she's sharing, then add her back to see more of her posts.</p>  <p>Carry Carsumtwotwelve shared 1 album. View post</p> <hr/> <p>Google+ connects your friends and interests</p> <p>Share with the people you know or find new conversations. Check out the Explore page to see what the community is talking about.</p> <p>Go to Google+</p> <p>To change what emails Google+ sends to you, you can always manage email subscriptions on the settings page.</p>
7/12/2012 16:12:07	<p>F: "Carry Carsumtwotwelve (Google+)" <replyto-748d3d22@plus.google.com> T: tracysumtwelve@gmail.com</p> <p>Subject: Carry Carsumtwotwelve is sharing with you on Google+</p>	<p>See what Carry Carsumtwotwelve is sharing with you. Google+</p> <p>Carry Carsumtwotwelve has added you to her circles on Google+. Take a look at what she's sharing, then add her back to see more of her posts.</p>  <p>Carry Carsumtwotwelve shared 1 album. View post</p> <hr/> <p>Google+ connects your friends and interests</p> <p>Share with the people you know or find new conversations. Check out the Explore page to see what the community is talking about.</p> <p>Go to Google+</p> <p>To change what emails Google+ sends to you, you can always manage email subscriptions on the settings page.</p>

7/12/2012 F: carrysum2012@yahoo.com
18:03:51 T: tracysumtwelve@gmail.com

Subject: Re: Long time no see...

On 7/12/2012 1:24 PM, Tracy TeeSumTwelve wrote:
What do you mean by that?
On Wed, Jul 11, 2012 at 1:06 PM, Carry <carrysum2012@yahoo.com>
wrote:
Don't. Worry so much.

It will be gun
Tracy TeeSumTwelve <tracysumtwelve@gmail.com> wrote:

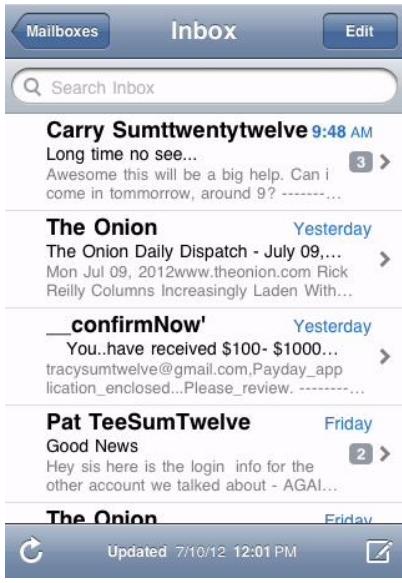
>Okay carrie I'm going to send this but you need to make sure no one
else
>sees it okay I could get in a bunch of trouble. I want to help you and I
>could really use some extra cash too but please please be careful.
>
>On Wed, Jul 11, 2012 at 2:53 PM, Carry Sumttwentytwelve <
>carrysum2012@yahoo.com> wrote:
>
>>
>>
>> Hey so i'm putting together this event we talked about and i want to
make
>> it as painless as possible. I know that your security folk sometimes get
>> a little out of sorts. Is there a good time or maybe you could just let
>> know the shift changes so you dont have to know when i am going to
do this.
>> I have a pretty good budget for the event if you would like a little
>> something for the info.
>> -----
>> On Tue, Jul 10, 2012 8:15 AM PDT Tracy TeeSumTwelve wrote:
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>> >Yea sure, that sounds good. See you tommorow!
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>> >Tracy
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>> >On Tue, Jul 10, 2012 at 9:48 AM, Carry Sumttwentytwelve <
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>> >> -----
>> >> Awesome this will be a big help. Can i come in tommorrow, around
9?
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>> >>
>> >> -----
>> >> On Tue, Jul 10, 2012 6:29 AM PDT Tracy Sumtwelve wrote:
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>> >> >Hey,
>> >> >
>> >> >I can definitely help get your tablet in. Our security guards can be
>> >> pretty ridiculous sometimes! When would you want to get in and
take a
>> look
>> >> around?
>> >> >

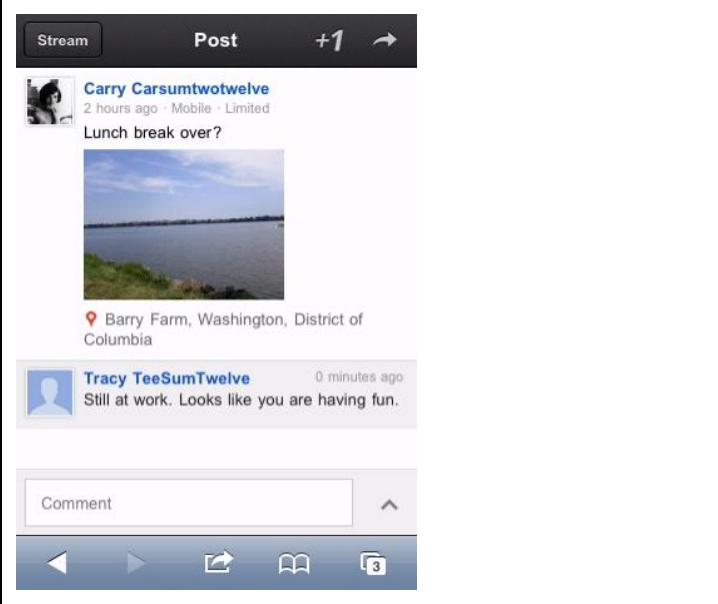
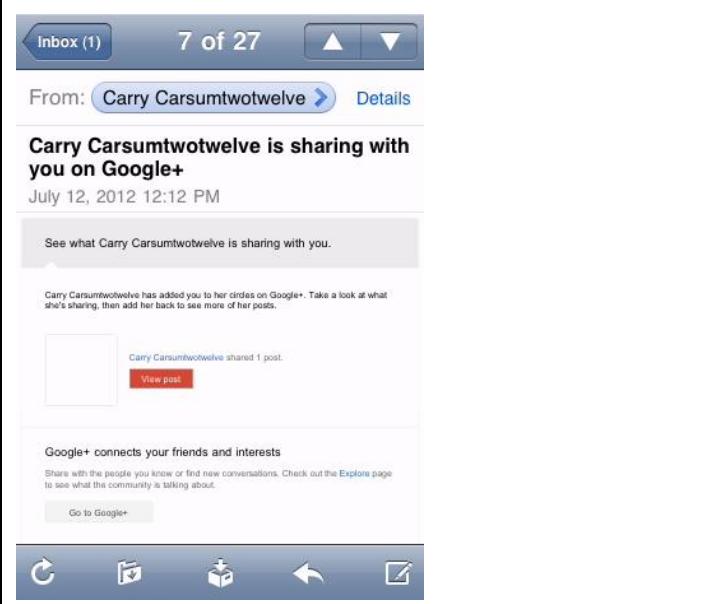
>> >> >Tracy
>> >>
>> >> >On Jul 9, 2012, at 2:18 PM, Carry Sumttwentytwelve wrote:
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>> >> Hey I was wondering
>> >> if there was any way you could help me get my tablet into the
gallery.
>> >> I know security isn't to keen on computers and the like in the
gallery,
>> >> but maybe you could pull some strings and get it in for me? I can
make
>> it
>> >> worth your while :) But really I would happy to get lunch again or
>> >> something else for your help. I want to get some pictures for my
flash
>> mob
>> >> event I told you about. Let me know.
>> >>
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>> >> -----
>> >> On Fri, Jul 6, 2012 10:55 AM PDT Tracy Sumtwelve wrote:
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>> >> Hey Carry,
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>> >> catching up with you. We should do lunch more often.
>> >>
>> >>
>> >> Tracy
>> >> On Jul 5, 2012, at 11:51 AM, Carry Sumttwentytwelve wrote:
>> >>
>> >>>
>> >>> Hi,
>> >>>
>> >>> I saw on facebook that you were having a hard time lately, and i
>> >> realized that we haven't spoken face to face in quite a while. I was
>> really
>> >> hoping that we could get together and have lunch. Does this Friday
sound
>> >> good? Let me know.
>> >>>
>> >>> -Carry
>> >>
>> >>
>> >>
>> >>
>> >>
>>

		It will be fun. Sorry....It's the keyboard on my new phone.
--	--	--

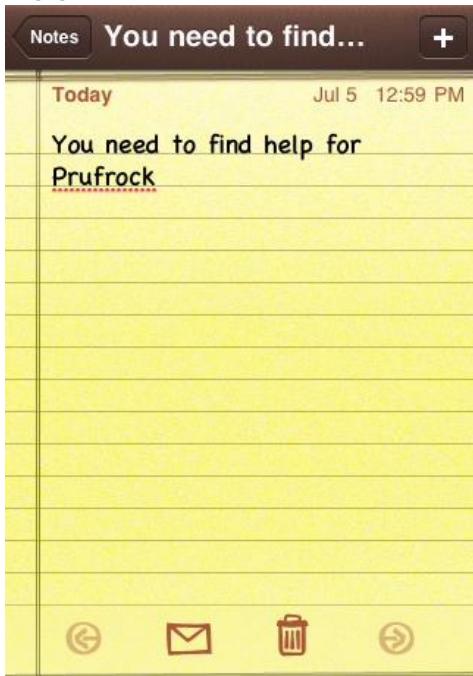
Appendix E: Screenshots of Emails

Table 7-5: Details of Email Found on Device

Screenshot	Details
 <p>Carry Sumttwentytwelve 9:48 AM Long time no see...Awesome this will be a big help. Can i come in tomorrow, around 9? ----- The Onion Yesterday The Onion Daily Dispatch - July 09,... Mon Jul 09, 2012www.theonion.com Rick Reilly Columns Increasingly Laden With... confirmNow' Yesterday You..have received \$100- \$1000... tracysumtwelve@gmail.com, Payday_app lication_enclosed...Please_review. ----- Pat TeeSumTwelve Friday Good News Hey sis here is the login info for the other account we talked about - AGA!... The Onion Friday Updated 7/10/12 12:01 PM</p>	<p>Name: 000000000328.JPG Size: 107.1 KB MD5: A0699F8A2C96C049827F800091D27122</p> <p>Relevance: Screenshot of Inbox of email account "tracysumtwelve@gmail.com" showing emails found otherwise from the database. This strengthens the claim that these mails were present.</p>
 <p>All Inboxes 1 > Gmail 1 > Hotmail 6 > Work ></p> <p>Accounts</p> <p>Gmail 1 > Hotmail 6 > Work ></p> <p>Updated 7/12/12 2:55 PM</p>	<p>Name: 000000000329.JPG Size: 68.3 KB MD5: A20E2FF6B57FAEE137A051BD99477E68</p> <p>Relevance: Shows 3 email accounts configured in the Mail application with names Gmail, Hotmail and Work which correlate back to tracysumtwelve@gmail.com, coralbluetwo@hotmail.com and tracy.sumtwelve@nationalgallerydc.org.</p>

 <p>Stream Post +1 →</p> <p>Carry Carsumtwotwelve 2 hours ago · Mobile · Limited Lunch break over?</p>  <p>📍 Barry Farm, Washington, District of Columbia</p> <p>Tracy TeeSumTwelve 0 minutes ago Still at work. Looks like you are having fun.</p> <p>Comment ↑</p> <p>◀ ▶ ↻ ↺ ↻ ↺</p>	<p>Name: 000000000331.JPG Size: 70.4 KB MD5: FD3BA7BEACA6042918AFFCB4A4FDB1ED</p> <p>Relevance: this may be the post that Carry shared with Tracy on Google+ for which she got a notification. This puts Coral in the Barry Farm, Washington D.C area during that time.</p>
 <p>Inbox (1) 7 of 27 ▲ ▼</p> <p>From: Carry Carsumtwotwelve ➔ Details</p> <p>Carry Carsumtwotwelve is sharing with you on Google+ July 12, 2012 12:12 PM</p> <p>See what Carry Carsumtwotwelve is sharing with you.</p> <p>Carry Carsumtwotwelve has added you to her circles on Google+. Take a look at what she's sharing, then add her back to see more of her posts.</p> <p>Carry Carsumtwotwelve shared 1 post. View post</p> <p>Google+ connects your friends and interests Share with the people you know or find new conversations. Check out the Explore page to see what the community is talking about.</p> <p>Go to Google+</p> <p>⟳ ⌛ 📄 ↻ ↺ ↻ ↺</p>	<p>Name: 000000000384.JPG Size: 73.9 KB MD5: 4872B04B8CF5FE40F08339CDA2AB51B3</p> <p>Relevance: Screenshot of the Google+ notification email.</p>

Appendix F: Note Screenshot



This is a screenshot of a note Tracy wrote to remind herself to find help for Prufrock, which means finding more money to be able to afford that school.

Name: Default-Portrait.jpg

Date Created: 2012-07-05 16:59:10 (UTC)

Size: 137.2 KB

MD5: C879F5617D23A19A176218E9F64C0237

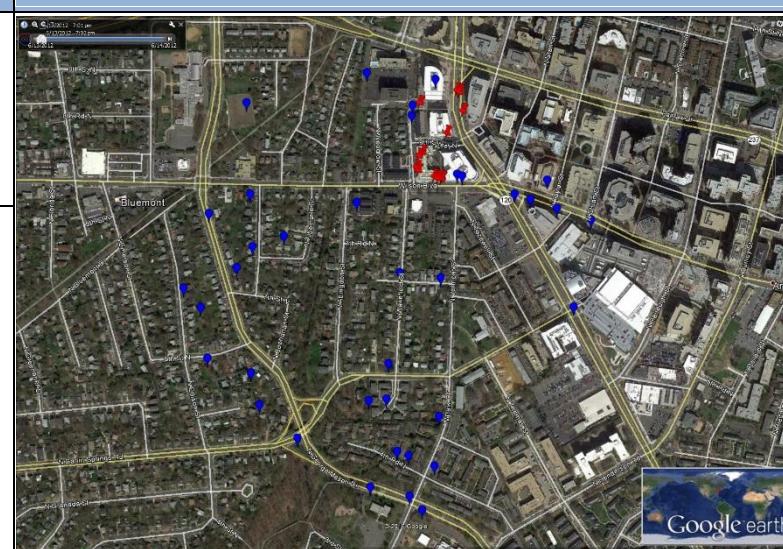
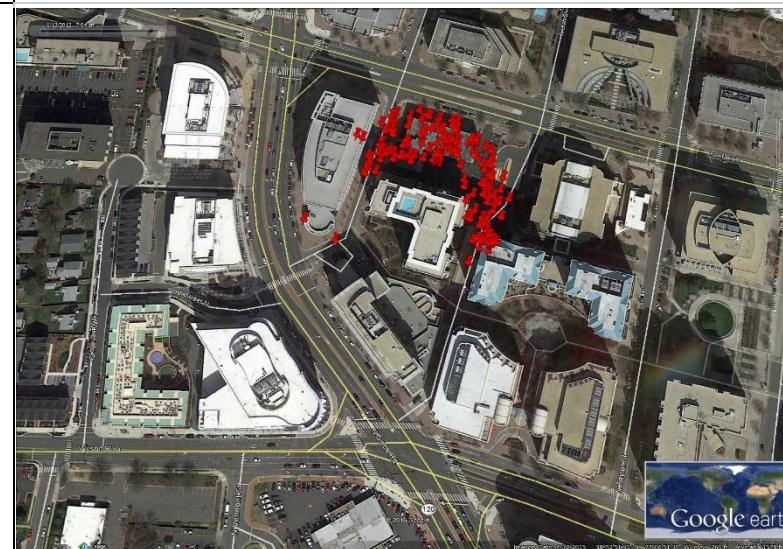
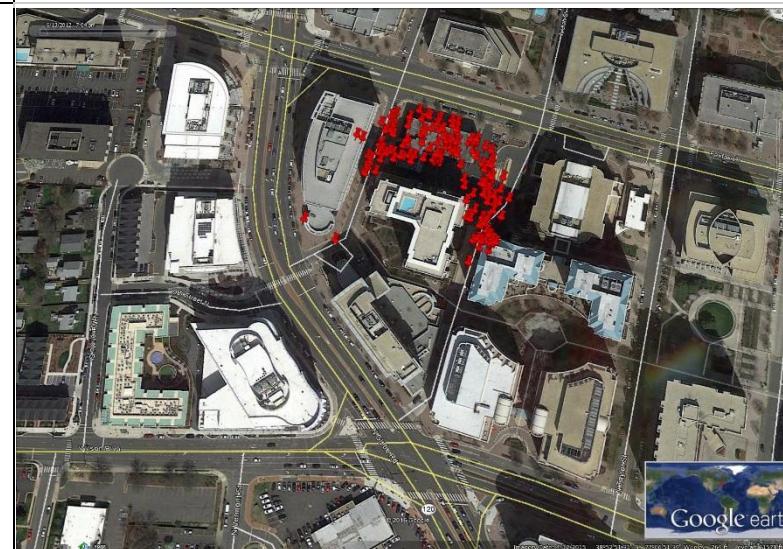
Appendix G: Location Information

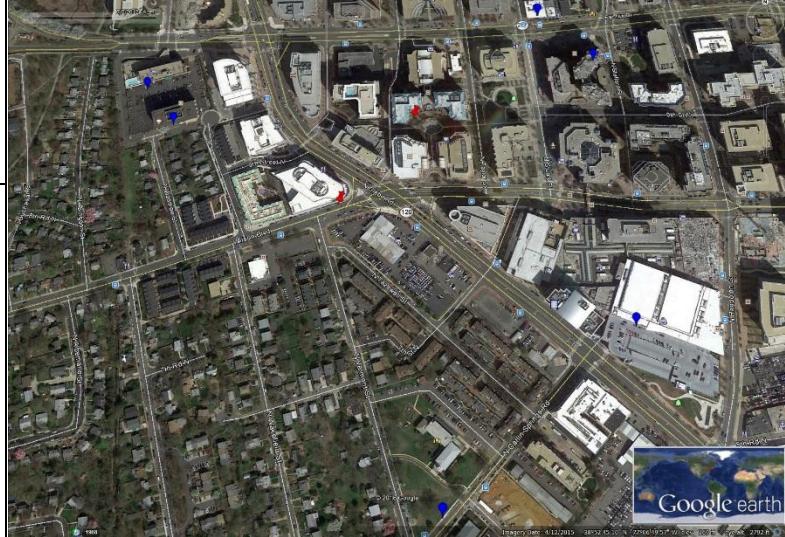
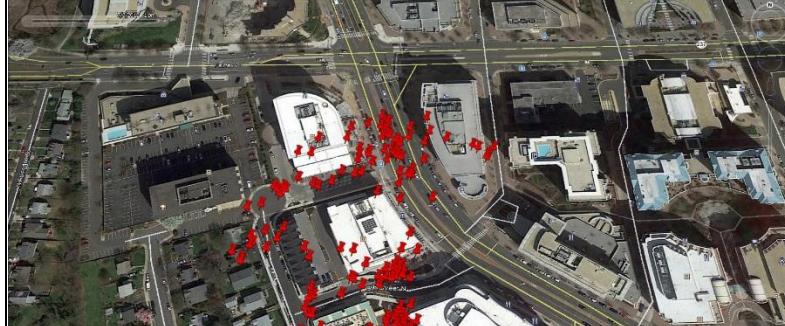
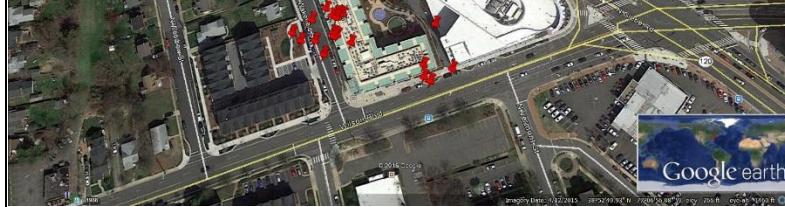
Cell Location: Blue Paddle

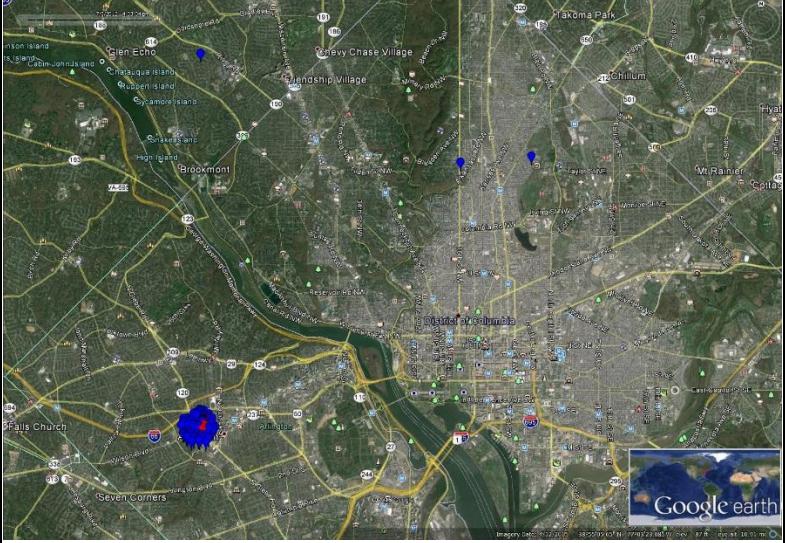
Wi-Fi Location: Red Pin

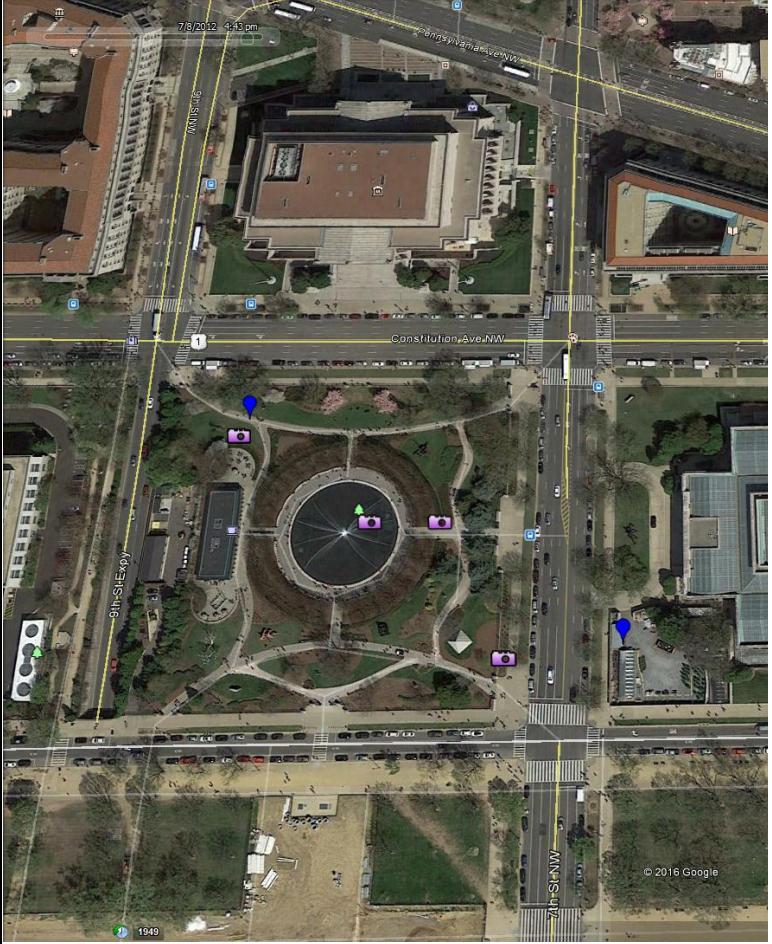
Image Geo-Tag: Pink Camera

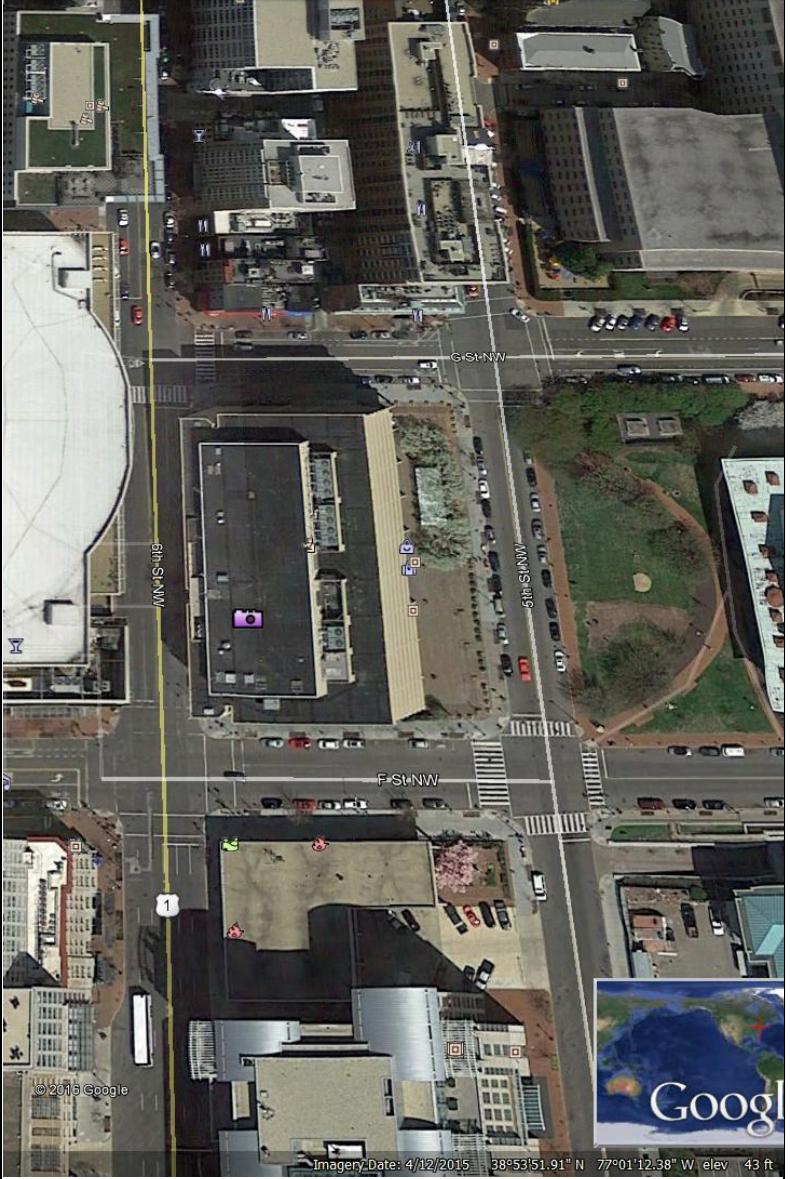
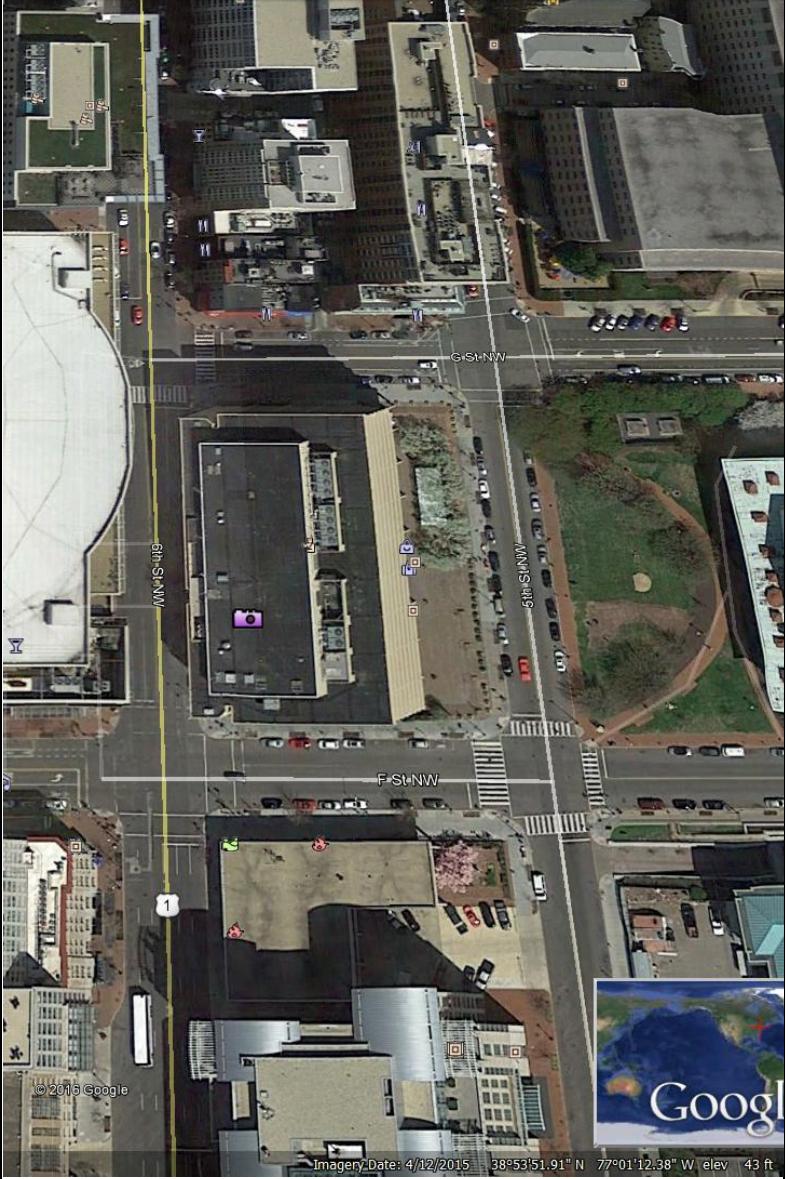
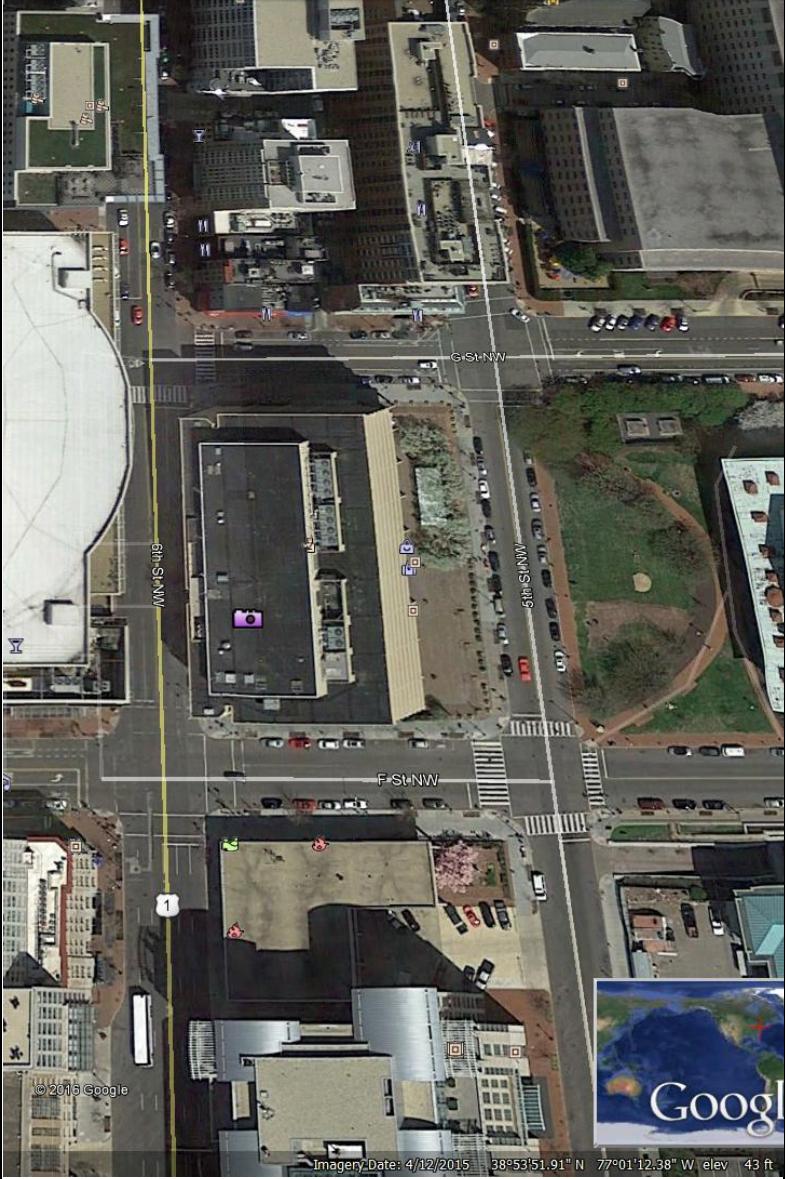
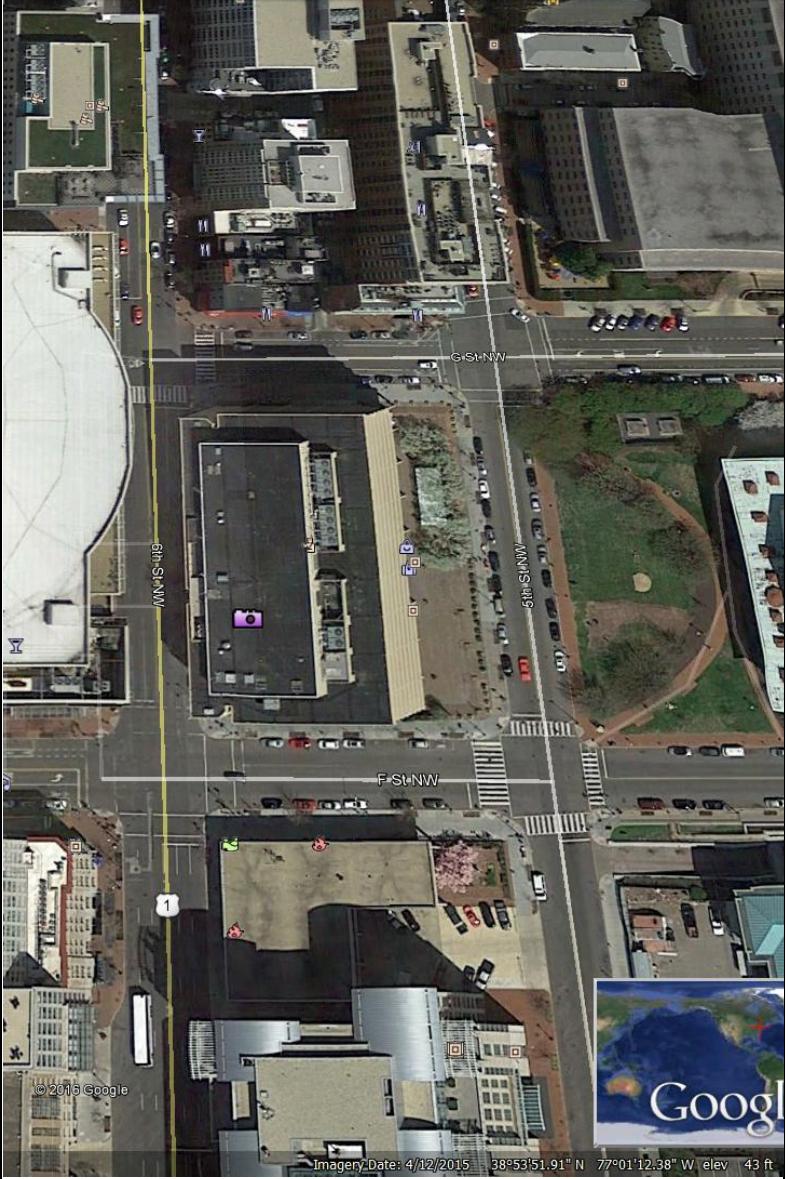
Table 7-6: Location Information Graphics

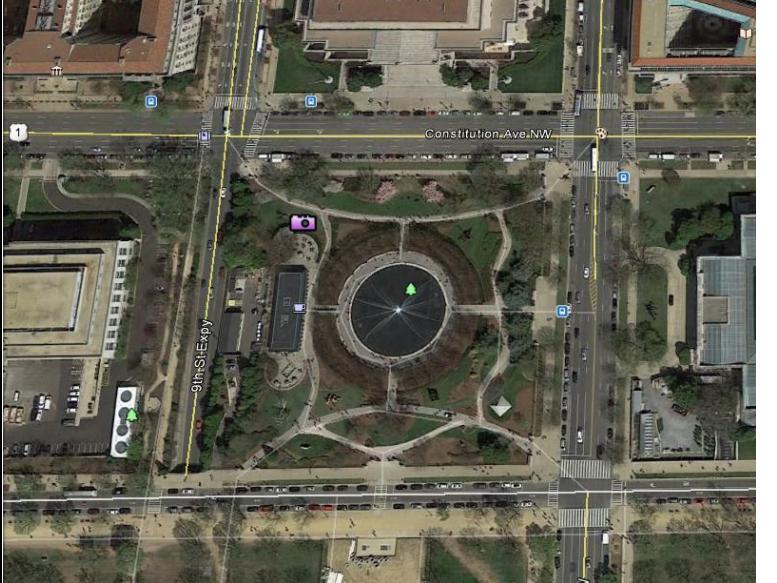
Timestamp	Header Information	Body	Map Screenshot
6/13/2012 19:01:21	CellLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	
6/13/2012 19:01:22	WifiLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	
6/13/2012 19:04:03	WifiLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	

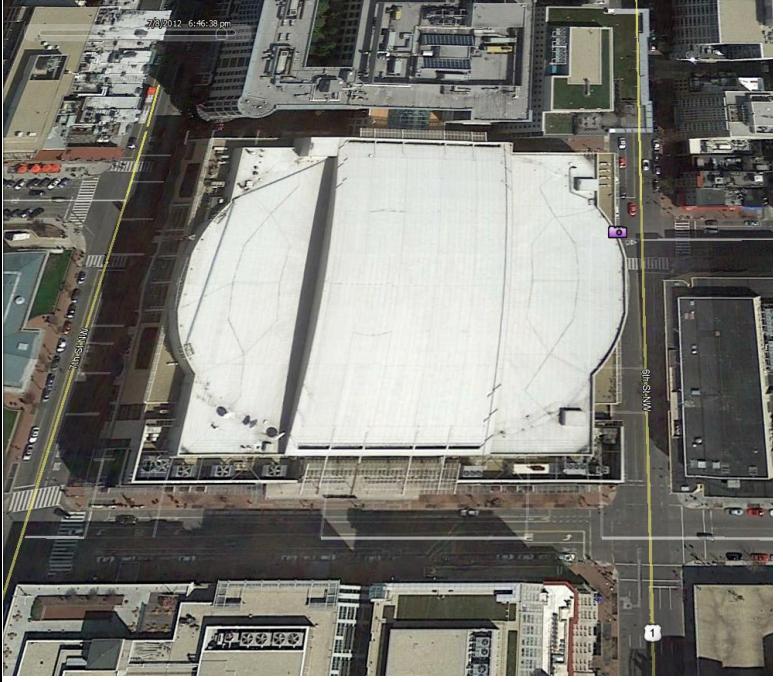
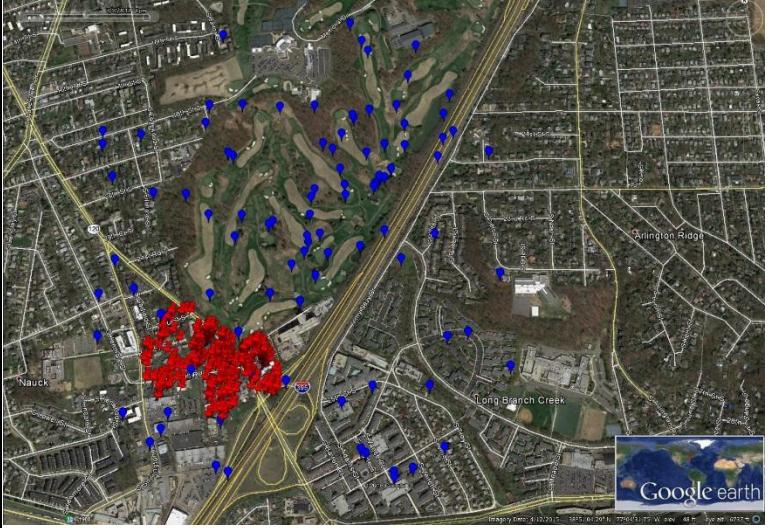
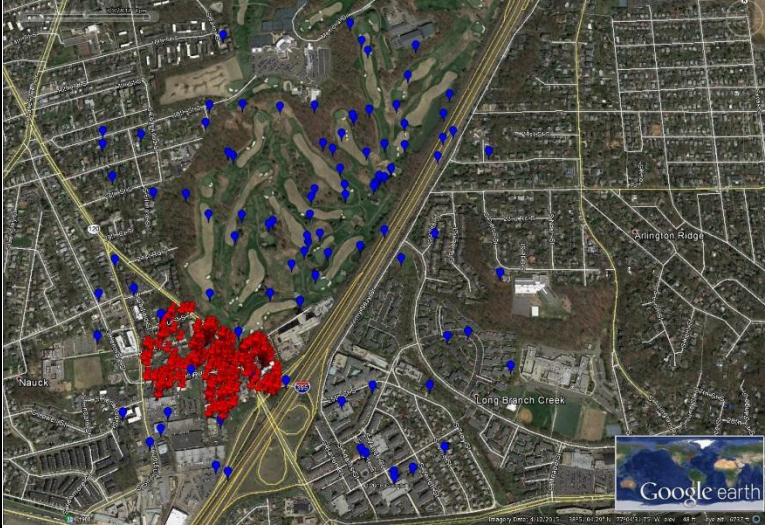
6/23/2012 17:12:16	CellLocationLocal	Location: 22 West A Condominium 1177 22nd St NW Washington, DC 20037	
7/2/2012 16:19:23	CellLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	
7/2/2012 16:19:24	WifiLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	
7/3/2012 13:42:42	WifiLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	

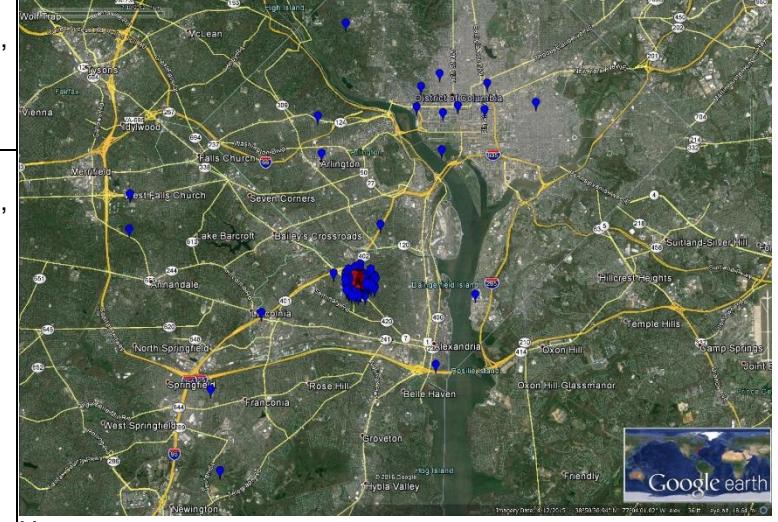
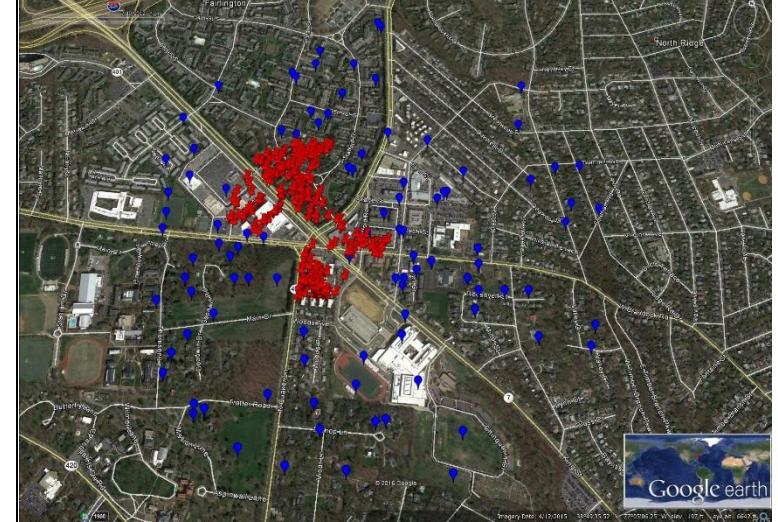
7/5/2012 16:32:46	CellLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	
7/5/2012 16:32:47	WifiLocation	Location: Virginia Tech Research Center - Arlington (900 N Glebe Rd, Arlington, VA 22203)	
			<p>Unzoomed Capture with Outlier Cell Towers.</p> <p>Zoomed Capture on the high density zone.</p>
7/8/2012 16:33:37	IMG_0042.JPG	Subject: Shrub Location: National Gallery of Art Sculpture Garden	
7/8/2012 16:34:31	IMG_0043.JPG	Subject: Flower pot Location: National Gallery of Art Sculpture Garden	
7/8/2012 16:34:40	CellLocationLocal	Location: National Gallery of Art Sculpture Garden	
7/8/2012 16:34:50	IMG_0044.JPG	Subject: Bench Location: National Gallery of Art Sculpture Garden	

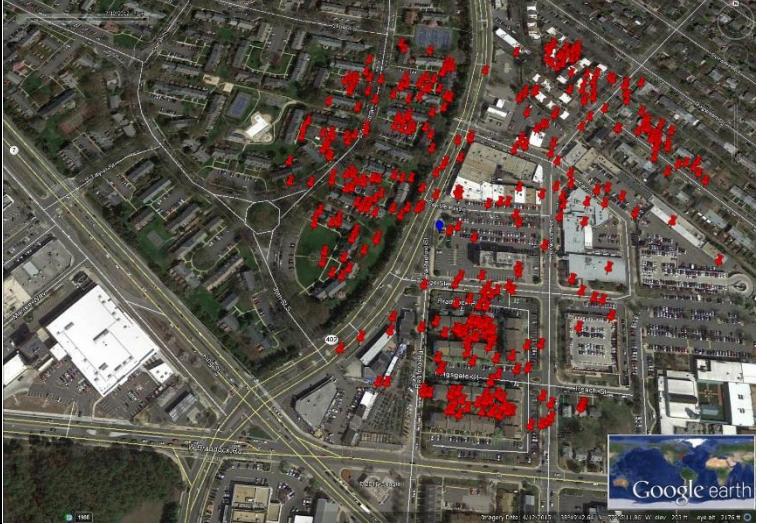
7/8/2012 16:35:50	IMG_0045.JPG	Subject: Trash Bin Location: National Gallery of Art Sculpture Garden	
7/8/2012 16:36:30	IMG_0046.JPG	Subject: Flowering shrub Location: National Gallery of Art Sculpture Garden	
7/8/2012 16:37:16	IMG_0047.JPG	Subject: Crosswalk Location: National Gallery of Art Sculpture Garden	
7/8/2012 16:37:37	IMG_0048.JPG	Subject: Plaque of National Gallery of Art Sculpture Garden Location: National Gallery of Art Sculpture Garden	
7/8/2012 16:39:10	CellLocationLocal	Location: National Gallery of Art Sculpture Garden	
7/8/2012 16:41:41	IMG_0049.JPG	Subject: Stamp – Lot #1 Location: National Gallery of Art Sculpture Garden	
7/8/2012 16:41:53	IMG_0050.JPG	Subject: Lot #13 Location: National Gallery of Art Sculpture Garden	
7/8/2012 16:42:03	IMG_0051.JPG	Subject: Lot #12 or 26 Location: National Gallery of Art Sculpture Garden	
7/8/2012 16:49:25	IMG_0054.JPG	Subject: Lot #1 Location: Washington Metropolitan Area Transit Authority 600 5th Street, NW Washington, DC 20001	
7/8/2012 16:49:37	IMG_0055.JPG	Subject: Lot #12 or 26 Location: Washington Metropolitan Area Transit Authority	

		600 5th Street, NW Washington, DC 20001	
7/8/2012 16:49:49	IMG_0056.JPG	Subject: Lot #25 Location: Washington Metropolitan Area Transit Authority 600 5th Street, NW Washington, DC 20001	
7/8/2012 16:50:07	IMG_0057.JPG	Subject: Lot #27 Location: Washington Metropolitan Area Transit Authority 600 5th Street, NW Washington, DC 20001	
7/8/2012 16:50:20	IMG_0058.JPG	Subject: Catalog of Stamps Location: Washington Metropolitan Area Transit Authority 600 5th Street, NW Washington, DC 20001	

7/8/2012 16:51:44	IMG_0064.JPG	Subject: Water Fountain Location: 1321 5th St NW Washington, DC 20001	
7/8/2012 16:59:55	IMG_0065.JPG	Subject: Lot #2 Location: National Gallery of Art Sculpture Garden	
7/8/2012 17:00:01	IMG_0066.JPG	Subject: Unclear Stamps Location: National Gallery of Art Sculpture Garden	
7/8/2012 17:00:08	IMG_0067.JPG	Subject: Lot #11 Location: National Gallery of Art Sculpture Garden	
7/8/2012 17:00:12	IMG_0068.JPG	Subject: Unclear Stamps Location: National Gallery of Art Sculpture Garden	
7/8/2012 17:00:23	IMG_0069.JPG	Subject: Unclear Stamps Location: National Gallery of Art Sculpture Garden	
7/8/2012 17:02:23	IMG_0070.JPG	Subject: Unknown Location: National Gallery of Art Sculpture Garden	

7/8/2012 18:44:22	000000000375.JPG	Subject: Plant Vase Location: Verizon Center 726 6th St NW Washington, DC 20001	
7/8/2012 18:44:37	000000000377.JPG	Subject: Sculpture Location: Verizon Center 726 6th St NW Washington, DC 20001	
7/8/2012 18:44:41	000000000379.JPG	Subject: Sculpture Location: Verizon Center 726 6th St NW Washington, DC 20001	
7/8/2012 18:44:53	000000000381.JPG	Subject: Sculpture Location: Verizon Center 726 6th St NW Washington, DC 20001	
7/10/2012 16:31:10	CellLocation	Location: 2600-2700 24th Rd S, Arlington, VA 22206	
7/10/2012 16:31:12	WifiLocation	Location: 2600-2700 24th Rd S, Arlington, VA 22206	
7/10/2012 16:36:51	Maps Directions	Location: 2600-2700 24th Rd S, Arlington, VA 22206 to 1521 North Quaker Lane, Alexandria, VA 22302 (CVS Pharmacy)	
7/10/2012 16:37:09	F: Tracy T: Pat *Failed	<Attachment - text/x-vcard> Location: 2600-	

		2700 24th Rd S, Arlington, VA 22206	
7/10/2012 16:44:59	CellLocation	Location:1521 North Quaker Lane, Alexandria, VA 22302 (CVS Pharmacy)	 <p>Unzoom</p>
7/10/2012 16:45:01	WifiLocation	Location:1521 North Quaker Lane, Alexandria, VA 22302 (CVS Pharmacy)	 <p>Zoom on High Density Area</p>
7/10/2012 16:46:29	WifiLocation	Location:1521 North Quaker Lane, Alexandria, VA 22302 (CVS Pharmacy)	

7/10/2012 16:47:12	CellLocationLocal	Location:1521 North Quaker Lane, Alexandria, VA 22302 (CVS Pharmacy)	
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