

Case Report

National Gallery DC

Tracy's iPhone [2012-07-15-National-Gallery]

Table of Contents

[Case Report](#)

[National Gallery DC](#)

[Tracy's iPhone \[2012-07-15-National-Gallery\]](#)

[Table of Contents](#)

[Executive Summary](#)

[Equipment and Tools](#)

[Details of Tracy's iPhone](#)

[Evidence to Establish Personas](#)

[Evidence relating to theft of valuable stamps](#)

[Evidence relating to defacement of museum art](#)

[Plot Timeline](#)

[Conclusion](#)

[Appendix A: Correspondence Evidence](#)

[Appendix B: WiFi and GPS Location Information](#)

Executive Summary

On January 21, 2016, Digitech Inc. was called in to assist the National Gallery, Washington D.C. (NGDC) case involving the conspiracy associated with the theft of valuable stamps and defacing of museums are at the NGDC.

- Tracy is a suspect in the aforementioned conspiracy.
- As part of the investigation, Tracy's iPhone was taken into custody.
- Digitech, Inc. was tasked with investigating evidence relevant to the aforementioned conspiracy.

As described fully in the report, Digitech, Inc. made the following findings.

Equipment and Tools: We utilized the Autopsy open-source forensic tool running on a Kali Linux host to thoroughly examine Tracy's iPhone image. This meticulous analysis uncovered details about the device itself, message and email content, sender and recipient contacts, and geographical location coordinates.

Details of Tracy's iPhone: We identified essential information about Tracy's iPhone, including its model, operating system version, installation time, email addresses, phone number, serial number, and more. This data serves as a foundation for our investigation.

Evidence to Establish Personas: We established key personas involved in the case, including Tracy, her brother Pat, her daughter Terry, her ex-husband Joe, and her accomplice Carry. We provided their contact details and relationships to Tracy, helping to piece together the puzzle.

Evidence Relating to Theft of Valuable Stamps: We found email and SMS messages exchanged between Tracy, Pat, Carry, and an individual known as "King." These messages revealed plans for the theft of valuable stamps, including a list of required items and audio instructions for setting up a VirtualBox Virtual Machine (VM).

Evidence Relating to Defacement of Museum Art: Correspondence between Tracy and Carry indicated their collaboration in introducing a tablet into the museum as part of a diversionary tactic involving a flash mob.

Plot Timeline: We presented a timeline of critical events, including email exchanges, SMS communications, and the receipt of a suspicious Target Gift Card message. This timeline helps establish the sequence of events leading up to the suspected crimes.

Conclusion: Our investigation uncovered a web of collaboration, with Pat and Tracy using aliases in their communications. Pat was found to be involved with an individual named "King"

in a scheme to steal valuable stamps. Tracy collaborated with Carry to coordinate a flash mob diversion during the heist. Suspicious activity surrounding a \$1000 Target Gift Card was also noted. Lastly, we identified multiple sets of location data, the significance of which requires further analysis.

This summary provides a clear overview of our findings, demonstrating the importance of the evidence gathered in the investigation.

Equipment and Tools

Digitech utilized the open-source forensic tool Autopsy, operating on a Kali Linux host, to execute a comprehensive examination of an image sourced from Tracy's iPhone. This analysis yielded the extraction of pertinent details and specifications regarding Tracy's mobile device, along with the content of her messages and emails, complete with sender and recipient contacts. Furthermore, the examination uncovered latitude and longitude coordinates indicative of the precise geographic locations to which Tracy's phone had communicated during the relevant timeframe.

To verify Tracy's presence at the museum during the heist, these coordinates were meticulously cross-referenced using an online resource and tool, specifically "maps.google.com". This rigorous process allowed for the precise determination of Tracy's location, providing compelling evidence that she was indeed situated at the museum during the time of the incident.

Details of Tracy's iPhone

Name	Findings	Location in iPhone image file
Model	iPhone3G	vol5/mobile/Library/Logs/AppleSupport/general.log
Host Name	Tracy Sumtwelve's iPhone	vol5/mobile/Library/Logs/lockdownd.log.1
OS Version	iPhone OS 4.2.1 (8C148)	vol5/mobile/Library/Logs/AppleSupport/general.log
Install Time	6/6/2012 12:03:28 -0700	vol5/mobile/Library/Logs/AppleSupport/general.log
User Email	IMAP: tracysumtwelve@gmail.com POP: coralbluetwo@hotmail.com	vol5/mobile/Library/Mail
Phone	+1 (703) 340-9661	vol5/mobile/Library/Logs/lockdownd.log.1

Number		
Serial Number	86004482Y7H	vol5/mobile/Library/Logs/AppleSupport/general.log
ICCID	89014103255195342366	vol5/mobile/Library/Logs/lockdownd.log.1
IMEI	012021003735398	/root/Library/Lockdown/activation_records/wildcard_record.plist
MD5 Hash	34c4888f095dc3241330462923f6fea5	N/A (tracy-phone-2012-07-15-final.E01 image)
SHA256 Hash	71aed05a86a753dec4ef4033ed7f52d6577ccb534ca0d1e83ffd27683e621607	N/A (tracy-phone-2012-07-15-final.E01 image)

Evidence to Establish Personas

This section establishes aliases, phone numbers, emails addresses associated with each person, and relationships between each individual. See below for more details.

Tracy:

Phone Number: (703) 340-9961
Email: tracysumtwelve@gmail.com
Work email: tracy.sumtwelve@nationalgallerydc.org
Relationship: Accused

Pat:

Phone Number: (571) 308-3236
Email: perrypatsum@yahoo.com
patsumtwelve@gmail.com
Relationship: Accused's (Tracy) brother

Terry:

Phone Number: (703) 829-6071
Email: Unknown
Relationship: Tracy (Accused) & Joe's daughter

Joe:

Phone Number: Unknown
Email: joe.sum.twelve@gmail.com
Relationship: Accused's (Tracy) ex-husband

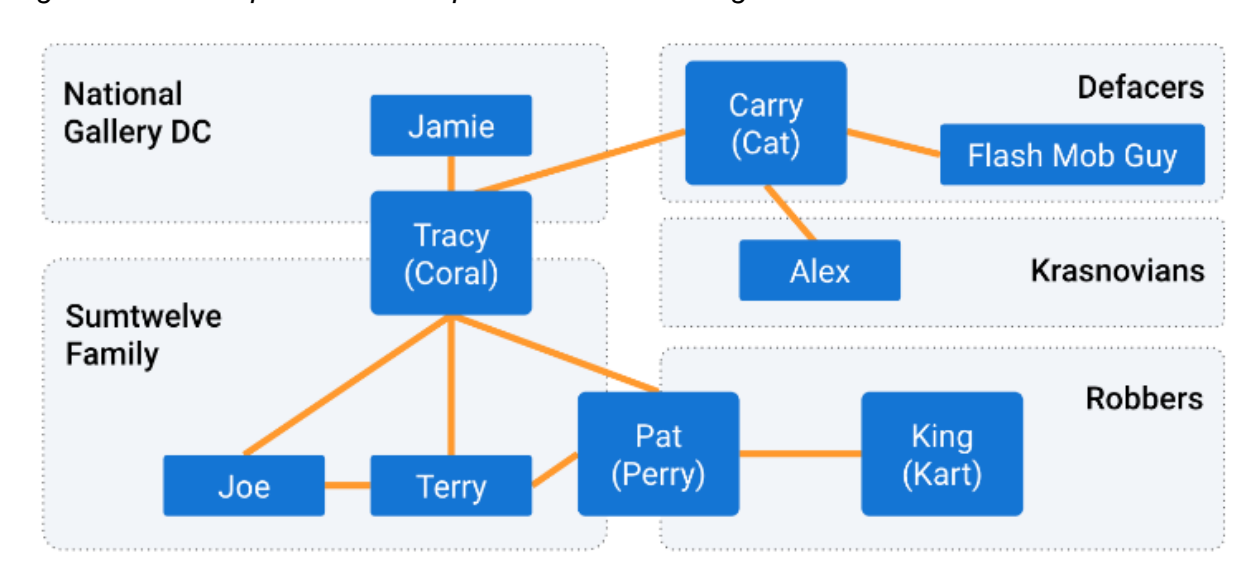
Carry:

Phone Number: (202) 725-2124
Email: carrysum2012@yahoo.com
Relationship: Accused's (Tracy) accomplice and friend

This data serves as a foundational element for identifying the primary individuals connected to the case, their contact information, and their affiliations with the defendant, Tracy. These pivotal data points play a central role in facilitating a more comprehensive investigation and deeper understanding of the case.

Notably, this valuable information was extracted from Tracy's phone image by employing the forensic tool Autopsy, encompassing the examination of the contacts, emails, and messages within the phone's image. This process involved meticulous verification of the contacts and their associated contact details to ensure accuracy and relevance to the investigation.

Figure 0: Visual representation of persons under investigation



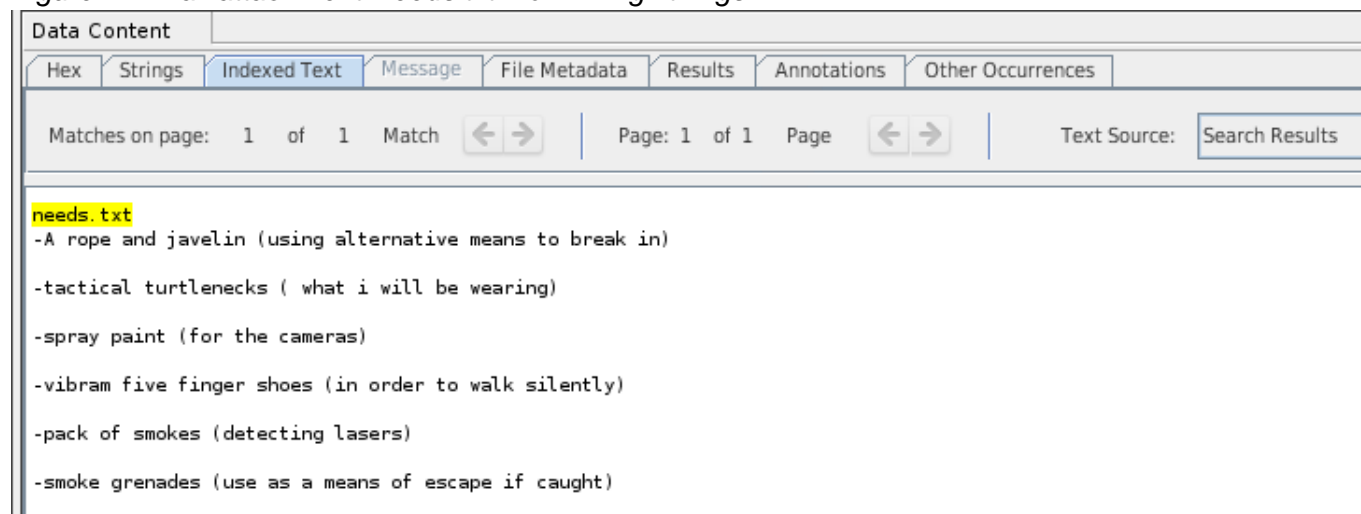
Evidence relating to theft of valuable stamps

This sub-section provides details regarding the evidence found as it relates to the theft of valuable stamps.

Emails and SMS messages were exchanged between Tracy, Pat, Carry, and an unnamed co-conspirator known as "King (Kart)" with the email address "throne1966@hotmail.com" (referenced in Appendix A).

One email from "King" contained an attachment with a list of items needed for the theft.

Figure 1: Email attachment 'needs.txt' from "King kthings"



An additional piece of evidence includes an attached MP3 audio file labeled as "Crazydave1.mp3". This audio file contains discreet instructions pertaining to the installation of a VirtualBox Virtual Machine (VM) on a host computer. It is noteworthy that these instructions were intended for use in the context of this crime.

An SMS message was discovered, notifying Tracy of her purported receipt of a \$1000 Target Giftcard. The message included instructions directing her to visit a deceptively named website, specifically "www.target.com.trdt.biz". On this website, Tracy was prompted to input a numerical code followed by an inquiry regarding the shipping destination. Notably, it is important to highlight that the domain "trdt.biz" is unregistered and lacks any official ownership. Furthermore, the website in question employs the subdomain "www.target.com" in an attempt to obscure its true affiliation, although it is not affiliated with the legitimate Target corporation.

Three (3) PDF email attachments were identified, each of which contained Memoranda of Insurance pertaining to valuable stamps. Additionally, photographic documentation of these stamps was found within the camera storage location, as indicated below. Furthermore, the phone contained photographic representations of each stamp listed in the insurance documents.

Figure 2: "Stamp insurance 1.pdf" email attachment



NATIONAL GALLERY DC
WASHINGTON



Memorandum of Insurance Assurance:

TO: MylStamp Collections

In Regards to items owned or on loan to the National Gallery DC , Washington from MylStamp 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

President National Gallery DC

- /vol5/mobile/Media/DCIM/100APPLE/IMG_0056.JPG
- /vol5/mobile/Media/DCIM/100APPLE/IMG_0051.JPG
- /vol5/mobile/Media/DCIM/100APPLE/IMG_0057.JPG

Figure 3: The three (3) stamps mentioned above (Figure 2)



Figure 4: "Stamp Insurance 2.pdf" email attachment



NATIONAL GALLERY DC
WASHINGTON



Memorandum of Insurance Assurance:

TO: MylStamp Collections

In Regards to items owned or on loan to the National Gallery DC , Washington from MylStamp 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 Kazakhstan	\$29,000.00
Lot# 13. 1929 Nepal	\$27,000.00

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

D'Mann

President National Gallery DC

- /vol5/mobile/Media/DCIM/100APPLE/IMG_0067.JPG
- /vol5/mobile/Media/DCIM/100APPLE/IMG_0055.JPG
- /vol5/mobile/Media/DCIM/100APPLE/IMG_0050.JPG

Figure 5: The three (3) stamps mentioned above (Figure 4)



Figure 6: "Stamp insurance 3.pdf" email attachment



NATIONAL GALLERY DC
WASHINGTON



Memorandum of Insurance Assurance:

TO: MylStamp Collections

In Regards to items owned or on loan to the National Gallery of Art, Washington from MylStamp 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 MacArther	\$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

- /vol5/mobile/Media/DCIM/100APPLE/IMG_0054.JPG
- /vol5/mobile/Media/DCIM/100APPLE/IMG_0065.JPG
- /vol5/mobile/Media/DCIM/100APPLE/IMG_0071.JPG

Figure 7: The three (3) stamps mentioned above (Figure 6)



Evidence relating to defacement of museum art

This sub-section provides details regarding the evidence found as it relates to the defacement of museum art.

Correspondence between Tracy and Carry, preserved within the email and SMS databases, substantiates Tracy's willingness to assist Carry in surreptitiously introducing a tablet into the museum and circumventing its security measures. Furthermore, these messages provide conclusive evidence that a flash mob was strategically employed as a diversionary tactic to divert the attention of the museum's security personnel during the commission of the heist.

Figure 8: Email from Carry to Tracy, inquiring about bringing the tablet into the museum. The flash mob was also discussed

```
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 Sumttwentytwo 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.
>> -----
```

Figure 9: Texts from Tracy to Carry, saying she will bring the tablet in and a follow-up on the status of the flash mob

```
31 +12027252124 1342010948 Just meet me out front, I'll take the tablet in. 3 0 5 0 0 4 0 us 0
32 +12027252124 1342112805 How's the flashmob going 3 0 5 0 0 0 0 us 0
```

Plot Timeline

For detailed information, please refer to Appendix A, found below, and the section labeled 'Evidence Relating to Theft of Valuable Stamps' provided above.

- On Tuesday, June 19, 2012, at 2:38 PM, Pat (perrypatsum@yahoo.com) sent an email to Tracy (coralbluetwo@hotmail.com) with an MP3 audio recording attachment. This attachment contained synthesized voice instructions on the procedure for installing a VirtualBox Virtual Machine (VM) on her computer, purportedly for future use.
- On Thursday, July 5, 2012, at 6:18:23 PM, Tracy and Carry reached an agreement via SMS to meet at Bubba's Grill.
- On Friday, July 6, 2012, at 11:49:31 AM, Pat arranged via email, using the subject line "can't pass up", a "proposition" involving an individual identified as "King" (throne1966@hotmail.com) and Tracy.

- On Friday, July 6, 2012, at 4:27:16 PM, Tracy and Carry confirmed their meeting at Bubba's Grill through SMS communication.
- On Saturday, July 7, 2012, at 7:36:35 PM, Tracy received an SMS from an unknown number informing her that she had won a Target Gift Card worth \$1000. The message instructed her to enter "703" at www.target.com.trdt.biz to specify the shipping destination. It's important to note that the URL appears to mimic Target Corp but is a subdomain of trdt.biz, which is currently unregistered. While it is presumed that this payment was received from Alex, there is no concrete evidence to support this claim.
- On Monday, July 9, 2012, at 10:44:11 AM, Tracy sent herself an email detailing which stamps to steal and their respective insurance values.
- On Monday, July 9, 2012, at 10:44:11 AM, Pat and "King" coordinated via email with a list of things that King would need to accomplish for the job.
- On Tuesday, July 10, 2012, at 11:24 AM, Pat forwarded the item list to Tracy.
- On Wednesday, July 11, 2012, at 12:49:08 PM, Carry and Tracy communicated through SMS for Tracy to pick up a tablet from Carry.
- On Thursday, July 12, 2012, at 5:06:45 PM, Tracy texted Carry to inquire about the progress of the flashmob.

Conclusion

Evidence found on Tracy's iPhone indicated the following:

- Tracy and Pat engaged in a conspiracy utilizing email account aliases. Specifically, Pat utilized the email alias 'patsumtwelve@gmail.com', whereas Tracy employed the email alias 'coralbluetwo@hotmail.com'. It is pertinent to note that Pat's customary email address is 'perrypatsum@yahoo.com', and Tracy's typical email address is 'tracysumtwelve@gmail.com'.
- Pat collaborated with an individual known as 'King,' whose email address is 'throne1966@hotmail.com', in a scheme to pilfer valuable stamps. Pat possesses a connection to King's parole officer, affording him the means to exert influence over King's actions in this regard.
- Tracy collaborates with Carry to facilitate the delivery of a tablet containing information related to a planned flashmob, which Carry intends to organize. The objective of this

flashmob is to serve as a distraction for the museum's security personnel while King carries out the theft.

- Tracy transmits, to her own email account, documentation concerning the stamps; including details regarding their respective insurance valuations.
- Tracy received a notification regarding the establishment of a 'Gift Card' valued at \$1000, which appears to be a form of payment either originating from Carry via Alex or potentially directly from Alex. It's worth noting that the website URL in question has been intentionally designed to resemble an official communication from Target, although it is situated within the trdt.biz domain. As of now, no substantial information is accessible regarding this particular URL.
- There exist three (3) distinct sets of WIFI and cellular location data; however, the significance of these clusters remains unclear. To establish a meaningful correlation between the location data, its timing, and the email and SMS exchanges, a more comprehensive analysis is warranted.

Appendix A: Correspondence Evidence

This subsection will provide an amalgamation of the email and SMS correspondence evidence.

Master Timeline of NGDC				
Artifact #	Timestamp (GMT)	Header Information	Key Information	Evidence Location
1.	Tue, Jun 12, 2012, 8:04:50 PM	Call from 650.887.0260		/vol5/wireless/Library/CallHistory/call_history.db
2.	Tue, Jun 12, 2012, 8:52:14 PM	Call from 703.829.6192		/vol5/wireless/Library/CallHistory/call_history.db
3.	Tue, Jun 12, 2012, 9:25:04 PM	SMS message from Pat (571.308.3236)	"what are you up to this weekend?"	/vol5/mobile/Library/SMS/sms.db

4.	Wed, Jun 13, 2012, 4:29:13 PM	Call to Pat (571.308.3236)		/vol5/wireless/Library/Call-history/call_history.db
5.	Wed, Jun 13, 2012, 5:30:28 PM	SMS from Terry (703.829.6071)	"I'm going out with dad after school for pizza! Thought I'd let you know if you planned to cook. T"	/vol5/mobile/Library/SMS/sms.db
6.	Wed, Jun 13, 2012, 6:30:38 PM	SMS to Pat (571.308.3236)	"I don't have any big plans. How about you?"	/vol5/mobile/Library/SMS/sms.db
7.	Wed, Jun 13, 2012, 6:33:46 PM	SMS to Terry (703.829.6071)	"ok, sounds good."	/vol5/mobile/Library/SMS/sms.db
8.	Tue, Jun 19, 2012, 2:38:59 PM	Email F: Perry Patsum (perryatsum@yahoo.com) T: Coral Bluetwo (coralbluetwo@hotmail.com) Subject: Crazydave by the VMs Attach: Crazydave1.mp3	"Hey Coral, just got your email. That took longer than expected! Oh well! You've got to check out this new song by the VMs. I love the base. Tell me what you think! Note: Within the MP3 file, a synthesized voice message from Perry to Tracy is discernible. This message, which spans from 1 minute and 21 seconds to 2 minutes and 34 seconds, provides detailed instructions on installing VirtualBox.	/vol5/mobile/Library/Mail/POP-coralbluetwo@hotmail.com/pop3.live.com/INBOX.mbox/Messages/3896FC6F-A083-4D38-B0A2-CE68368D44CA.emlx
9.	Fri, Jun 22, 2012, 5:34:26 PM	Call to 571.245.8517		/vol5/wireless/Library/Call-history/call_history.db
10.	Tue, Jul 3, 2012, 1:41:51 PM	SMS to Terry (703.829.6071)	"Hey honey, I'm not sure if we can afford Prufrock anymore... What do you think about switching to someplace else?"	/vol5/mobile/Library/SMS/sms.db
11.	Tue, Jul 3, 2012, 2:04:32 PM	SMS from Terry (703.829.6071)	"moving schools at this point would be the worst! I would rather live with dad and stay at Prufrock than change schools :("	/vol5/mobile/Library/SMS/sms.db
12.	Thu, July 5, 2012, 12:58:41 PM	Email F: Woina Honril@m57.biz T: Coral Bluetwo (coralbluetwo@hotmail.com) Subject: Busy Attach: 000001.doc & 000002.doc	"I didn't" Note: The two (2) attachments in question exhibit characteristics suggesting their status as official government documents, emanating from the Federal Communications Commission (FCC) and the United States Department of Agriculture (USDA).	/vol5/mobile/Library/Mail/POP-coralbluetwo@hotmail.com/pop3.live.com/INBOX.mbox/Messages/F3F4EB95-52EB-42FC-9279-46DAB24B6E34.emlx
13.	Thu, Jul 5, 2012, 6:18:23 PM	SMS from Carry (202.725.8124)	"Sounds good let's shoot for one at Bubba's grill"	/vol5/mobile/Library/SMS/sms.db
14.	Thu, Jul 5, 2012, 6:20:26 PM	SMS to Carry (202.725.8124)	"okay that sounds great. See you there"	/vol5/mobile/Library/SMS/sms.db
15.	Fri, Jul 6, 2012, 11:49:31 AM	Email F: Perry Patsum (patsumtwelve@gmail.com) T: King (throne1966@hotmail.com) Cc: Coral Bluetwo (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 art 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	/vol5/mobile/Library/Mail/POP-coralbluetwo@hotmail.com/pop3.live.com/INBOX.mbox/Messages/9F0508B8-04FB-490E-A7F0-3E23B0E7C59B.emlx

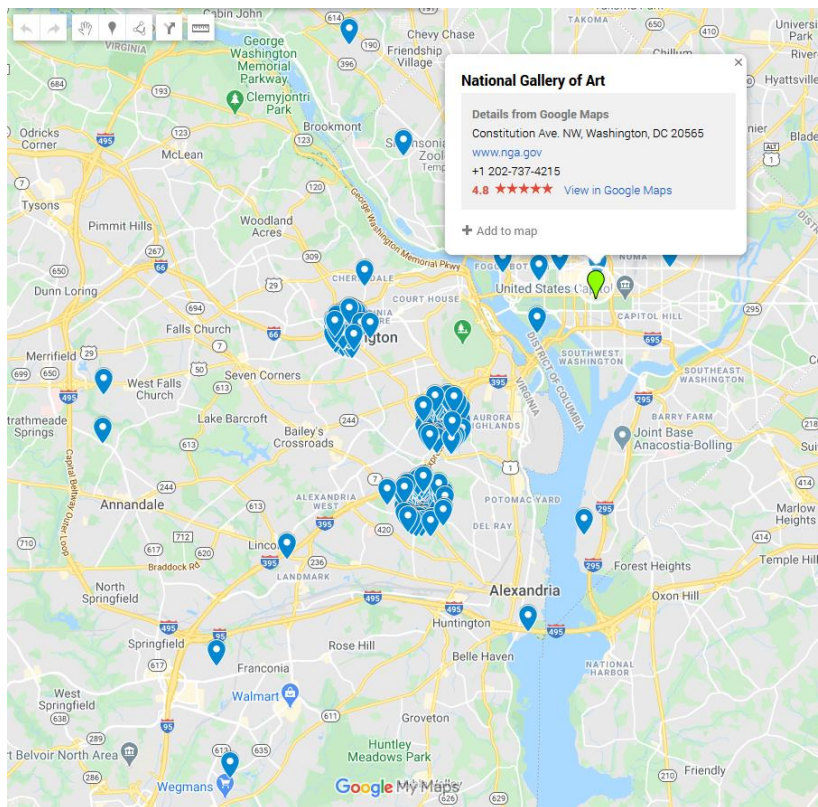
			anonymous tip that you are on drugs and the location of your stash. All they have to do is give you a drug test and since you're on parole, the feds don't need a search warrant. Well hit me up. You know where to find me	
16.	Fri, Jul 6, 2012, 3:02:19 PM	SMS to Pat (571.308.3236)	"Hey can you give me a call"	/vol5/mobile/Library/SMS/sms.db
17.	Fri, Jul 6, 2012, 3:08:37 PM	SMS from Pat (571.308.3236)	"sis I'm really busy can we do this later?"	/vol5/mobile/Library/SMS/sms.db
18.	Fri, Jul 6, 2012, 3:11:54 PM	SMS to Pat (571.308.3236)	"No pat this is important I need you to call me soon"	/vol5/mobile/Library/SMS/sms.db
19.	Fri, Jul 6, 2012, 3:18:54 PM	Call from Pat (571.308.3236)		/vol5/wireless/Library/CallHistory/call_history.db
20.	Fri, Jul 6, 2012, 4:27:16 PM	SMS from Carry (202.725.8124)	"I have a table inside"	/vol5/mobile/Library/SMS/sms.db
21.	Fri, Jul 6, 2012, 4:27:50 PM	SMS to Carry (202.725.8124)	"okay brt"	/vol5/mobile/Library/SMS/sms.db
22.	Sat, Jul 7, 2012, 7:36:35 PM	SMS from Unknown (206.910.0932)	"Congratulations, your entry in last months drawing won you a FREE \$1,000 Target Giftcard! Enter "703" at www.target.com/trdt.biz to tell us where to ship it"	/vol5/mobile/Library/SMS/sms.db
23.	Mon, Jul 9, 2012, 10:44:11 AM	Email F: King (throne1966@hotmail.com) T: Perry Patsum (patsumtwelve@gmail.com)	"Some things" Note 1: The attachment labeled as "docs.zip" comprises three (3) PDF files delineating 'stamp insurance' with an aggregate valuation of \$260,000, composed of	/vol5/mobile/Library/Mail/POP-coralbluetwo@hotmail.com/pop3.live.com/INBOX.mbox/Messages/8A3BD06F-
		Subject: things Attach: documents.zip & docs.zip	individual sums of \$84,000, \$87,000, and \$89,000. Note 2: The attachment designated as "documents.zip" is a file secured by password protection. It encapsulates the identical three (3) PDF files referenced in Note 1. The password "Hercules" was unveiled through the utilization of the 'fcrackzip' tool.	CDB1-4453-9C69-77E06823F2AE.eml x
24.	Tue, Jul 10, 2012, 11:19:00 AM	Email F: King (throne1966@hotmail.com) T: Perry Patsum (patsumtwelve@gmail.com) Subject: RE: can't pass up Attach: needs.txt	"You are too kind... I got you brotha. I need some tools in order to do this job for you. Here are some of the requirements that I will need: See attachment" Note: The attachment reads: <ul style="list-style-type: none">• A rope and javelin (using alternative means to break in)• Tactical turtle necks (what I will be wearing)• Spray paint (for the camera)• Vibram five finger shoes (in order to walk silently)• Pack of smokes (detecting lasers)• Smoke grenades (use as a means of escape if caught)	/vol5/mobile/Library/Mail/POP-coralbluetwo@hotmail.com/pop3.live.com/INBOX.mbox/Messages/9F0508B8-04FB-490E-A7F0-3E23B0E7C59BM.emlx
25.	Tue, Jul 10, 2012, 11:24:00 AM	Email F: Perry Patsum (patsumtwelve@gmail.com)	"This is what we need to get for the guy that's going to make our job happen"	/vol5/mobile/Library/Mail/POP-coralbluetwo@hotmail.com/pop3.live.co

		T: Coral Bluetwo (coralbluetwo@hotmail.com) Subject: Fwd: can't pass up		m/INBOX.mbox/Messages/9F0508B8-04FB-490E-A7F0-3E23B0E7C59BM.emlx
26.	Tue, Jul 10, 2012, 3:26:19 PM	SMS from Pat (571.308.3236)	"hey sis yo friend coral got a email the attachment needs to be changed to pdf let her know"	/vol5/mobile/Library/SMS/sms.db
27.	Tue, Jul 10, 2012, 3:58:04 PM	SMS to Pat (571.308.3236)	"sure thing I'll get on it"	/vol5/mobile/Library/SMS/sms.db
28.	Tue, Jul 10, 2012, 5:18:38 PM	SMS to Terry (703.829.6071)	"Going to lunch, You want to go????!"	/vol5/mobile/Library/SMS/sms.db
29.	Tue, Jul 10, 2012, 6:19:24 PM	SMS to Terry (703.829.6071)	"Back at work"	/vol5/mobile/Library/SMS/sms.db
30.	Tue, Jul 10, 2012, 6:58:24 PM	SMS from Terry (703.829.6071)	"I'm busy. Maybe this weekend if dad isn't busy"	/vol5/mobile/Library/SMS/sms.db
31.	Wed, Jul 11, 2012, 4:18:03 AM	Email F: microsoft@reply.digitalriver.com T: Coral Bluetwo (coralbluetwo@hotmail.com) Subject: Only 30 days left! Start a free office training course now	-- Commercial spam, not relevant to case --	/vol5/mobile/Library/Mail/POP-coralbluetwo@hotmail.com/pop3.live.com/INBOX.mbox/Messages/01FR9965-A923-40CF-A78A-72CE3BD26571.emlx
32.	Wed, Jul 11, 2012, 12:41:45 PM	SMS from Carry (202.725.2124)	"I'm almost there where should I meet you?"	/vol5/mobile/Library/SMS/sms.db
33.	Wed, Jul 11, 2012, 12:49:08 PM	SMS to Carry (202.725.2124)	"Just meet me out front, I'll take the tablet in"	/vol5/mobile/Library/SMS/sms.db
34.	Wed, Jul 11, 2012, 5:06:45 PM	SMS to Carry (202.725.2124)	"How's the flashmob going"	/vol5/mobile/Library/SMS/sms.db
35.	Fri, Jul 13, 2012, 1:02:10 AM	SMS from Terry (703.829.6071)	"I really want to go to Dad's this weekend. He said he will take me shopping for school"	/vol5/mobile/Library/SMS/sms.db

Appendix B: WiFi and GPS Location Information

WiFi locations gathered from /vol5/root/Library/Caches/locationd/consolidated.db and plotted using maps.google.com

Figure 9: Map of Art Gallery vs iPhone GPS Lat. / Lon. coordinates



Location Information				
Artifact #	Timestamp	Header Information (Coordinates)	Body	Map Screenshot
1.		38.8806222 - 77.11546683	Corresponds to the address: 900 N Glebe Rd, Arlington, VA 22203	
2.		38.88106083 - 77.11533838	Corresponds to the address: 901 N Gleb Rd, Alington, VA 22203	

3.		38.87996861 - 77.11601394	Corresponds to the address: 801 N Wakefield St, Arlington, VA 22203	
4.		38.88143724 - 77.11478394	Corresponds to the address: 901 N Vermont St, Arlington, VA 22201	
5.		38.8815732 - 77.11455619	Corresponds to the address: 4420 Fairfax Dr, Arlington, VA 22203	
6.		38.88144159 - 77.1140722	Corresponds to the address: 851 N Glebe Rd, Arlington, VA 22203 Specific UNITS listed: 103, 319,	

7.		38.88137209 - 77.11391937	Corresponds to the address: Virginia Square, Arlington, VA 22203	
8.		38.88147109 - 77.11392492	Corresponds to the address: 900 N Taylor St, Arlington, VA 22203	
9.		38.88157296 - 77.11385834	Corresponds to the address: 4350 Fairfax Dr, Arlington, VA 22203	
10.		38.88183724 - 77.11479657	Corresponds to the address: 4420 VA-237, Arlington, VA 22203	

11.		38.87990736 - 77.11460858	Corresponds to the address: 800 N Glebe Rd, Arlington, VA 22203	
12.		38.88047456 - 77.11557424	Corresponds to the address: 9th St N, Arlington, VA 22203	
13.		38.88040584 - 77.11573213	Corresponds to the address: 4501-4507 Wilson Blvd, Arlington, VA 22203	
14.		38.88039559 - 77.11620193	Corresponds to the address: 821 N Wakefield St, Arlington, VA 22203	

15.		38.8806498 - 77.11627441	Corresponds to the address: 829 N Wakefield St, Arlington, VA 22203	
16.		38.84867644 - 77.08210694	Corresponds to the address: 2400 S Glebe Rd, Arlington, VA 22206	
17.		38.82646685 - 77.08671468	Corresponds to the address: 3401 King St, Alexandria, VA 22302	
18.		38.8258472 - 77.0881704	Corresponds to the address: 1229 N Quaker Ln, Alexandria, VA 22302	