

Case Report

National Gallery DC

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

Investigator: Christina Chen

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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 museum art 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.

Tracy was experiencing financial hardship due to changes in her recent circumstances. She was trying to maintain the lifestyle that she and her daughter were accustomed to. This motivated her to source out alternative ways to make money.

Tracy and her brother Pat planned the theft of a valuable stamp exhibit from The National Gallery. They blackmailed a criminal named King into committing the crime. There were numerous photos of the stamps and insurance appraisal documents found in her possession.

In the same time period Tracy and Carry were planning a flash mob that was to take place in The National Gallery. She was to smuggle in an iPad into the Gallery for Carry. Tracy provided sensitive details about the security shift details at the Gallery in exchange for money.

Equipment and Tools: Digital Forensics

Kali Linux

- A Linux based operating system used to create a md5 and 256sum hash of the original database for verification purposes. This was also used to run every application in this list.

Autopsy®

- A digital forensics platform and graphical interface used by law enforcement, military, and corporate examiners to investigate what happened on a computer.

Nano

- Used to view exported data from Autopsy.

SQLite DB Browser

- Third-party application used for forensicking web-browsers, messengers and some other digital evidence sources. Mobile applications, desktop computers and laptops commonly store data in SQLite databases

Google Maps

- Input GPS coordinates

Details of Tracy's iPhone

Name	Findings	Location in iPhone image file
Model	iPhone 1,2	vol5/mobile/Library/Logs/AppleSupport/general.log
Host Name	Tracy Sumtwelve's iphone	vol5/preferences/SystemConfiguration/com.apple.mobilegestalt.plist
OS Version	iPhone OS 4.2.1 (8C148)	vol5/mobile/Library/Logs/AppleSupport/general.log
Install Time	June 6, 2012 12:03:28 -0700	vol5/mobile/Library/Logs/AppleSupport/general.log
User Email 1	tracysumtwelve@gmail.com	vol5/mobile/Library/Mail
User Email 2	tracy.sumtwelve@nationalgallerydc.org	vol5/mobile/Library/Mail
User Email 3	coralbluetwo@hotmail.com	vol5/mobile/Library/Mail
Phone Number	1-703-340-9661	vol5/logs/lockdownd.log.1
Serial Number	86004482Y7H	vol5/mobile/Library/Logs/AppleSupport/general.log
ICCID	89014103255195342366	vol5/logs/lockdownd.log.1
IMEI	012021003735398	vol5/root/Library/Lockdown/activation_records/wild_card.plist
MD5 Hash	34c4888f095dc3241330462923f6fea5	Used for verification of authenticity of iPhone image file
SHA256 Hash	71aed05a86a753dec4ef4033ed7f52d6 577ccb534ca0d1e83ffd27683e621607	Used for verification of authenticity of iPhone image file

Evidence to Establish Personas

This section establishes aliases, phone numbers, emails addresses associated with each person, and relationships between each individual.

Tracy:

Name(s):	Tracy Sumtwelve; aka: Coral Bluetwo
Phone Number:	(703) 340-9961
Personal Email:	tracysumtwelve@gmail.com
Work Email:	tracy.sumtwelve@nationalgallerydc.org
Alias Email:	coralbluetwo@hotmail.com
Relationship:	Accused

Pat:

Name(s):	Pat TeeSumTwelve; aka: Perry Patsum
Phone Number:	(571) 308-3236
Email:	patsumtwelve@gmail.com
Alias Email:	perrypatsum@yahoo.com
Relationship:	Tracy's brother. Accomplice - Stamp Theft.

Terry:

Phone Number:	(703) 829-6071
Relationship:	Tracy's daughter

Joe:

Email:	joe.sum.twelve@gmail.com
Relationship:	Tracy's EX-husband. Reported the crime

Carry:

Phone Number:	(202)725-2124
Email:	carrysum2012@yahoo.com
Google+:	Carry Carsumtwotwelve
Relationship:	Tracy's acquaintance. Accomplice - Flash mob/Defacement of museum art.

King:

Name(s):	King kthings
Email:	throne1966@hotmail.com
Relationship:	Criminal known by Pat. Accomplice - Stamp Theft.

Evidence relating to theft of valuable stamps

This sub-section provides details leading up to the theft of the valuable stamps..

Artifact 1 - 9, 27, 29:

You can see the development of the planning in its early stages. Discussions between Tracy and Pat regarding the use of aliases (Coral and Perry) and alternate avenues of communication. Emails for their aliases and a VM to communicate.

Artifact 10, 11, 13:

Tracy and Pat do a bit of reconnaissance on the National Gallery. They agree on targeting a rare and highly valuable stamp collection that is being sent to the National Gallery. Tracy will collect info and Pat will look into options for pulling off the heist.

Artifact 15, 34 - 38:

Tracy reaches out to Pat and insists that they speak soon. Pat mentions knowing a guy that can help.

Artifact 16:

Pat involves King by blackmailing him. Pat is a police officer in the D.C. Enforcers Bureau and blackmails King to comply or he will put King's parole conditions in jeopardy.

Artifact 17:

Tracy acknowledges King's involvement. Pat shares login credentials are shared for coralbluetwo@hotmail.com.

Artifact 18, 50-78, 80-82:

Tracy sends Insurance appraisal documents to the shared coralbluetwo@hotmail.com email.

Artifact 21, 41 - 43, 83, 84:

King agrees to help and requests equipment required to perform the heist by email to Pat. Pat forwards the email to coralbluetwo@hotmail.com and calls Tracy to tell her about the email. Tracy tries to share a location with Pat but it fails.

Evidence relating to defacement of museum art

This sub-section provides details leading up to the defacement of museum art.

Artifact 14, 32, 33, 39, 40:

Carry asks Tracy out for lunch. They agree to meet at Bubba's Grill and mentions that she realized that Tracy was having a hard time recently.

Artifact 19:

Tracy thanks Carry for lunch and asks for help sneaking in a tablet for a flash mob event as discussed. Carry offers Tracy money in exchange for helping.

Artifact 20, 22:

Tracy agrees to help Carry sneak in the tablet and asks when Carry would like to take a look around the gallery. They agree to meet around 9 the next day. Carry asks Tracy for information regarding shift changes of security. She tells Tracy that she would be well compensated for the information. Tracy agrees.

Artifact 23 - 26:

Carry shares access to an album on Google+ with Tracy and suggests that it will be fun.

Artifact 47:

Carry messages Tracy informing that she is almost at the National Gallery.

Artifact 48:

Tracy asks Carry her to meet out front. She says that she will take the tablet in.

Plot Timeline

The following outline of the key events is documented in the order they occurred. For the purpose of clarity, I will use real names and not aliases in this timeline.

June 12, 2012

- Pat and Tracy open up conversation.

June 19, 2012

- Pat accepts Tracy's proposal and discusses using aliases. Pat (Perry) and Tracy (Coral)

June 21, 2012

- Tracy sets up a virtual machine via secret instructions embedded in a song sent by Pat..

June 28, 2012

- Pat insists that going forward, they should use their aliases and the virtual machine to communicate.
- Pat suggests that they may have to get into riskier illegal activities since they are both facing financial hardships.

June 29, 2012

- Pat and Tracy discuss ideas to make money.
- Tracy tells Pat about Terry not wanting to change schools.
- Tracy discloses that she has been looking into documents, especially insurance papers to identify the value of items at her workplace, the National Gallery.

July 2, 2012

- Tracy has found a promising opportunity in a valuable exhibit that is to arrive.
- She discovered that the exhibit's shipping cost is relatively low compared to the value and could be something small.

July 3, 2012

- Tracy asks Joe for help with Terry's tuition because it is becoming too expensive.
- Joe tells Tracy that he will only pay tuition if Terry is living with him.
- Terry tells Tracy that she doesn't want to switch schools and would rather live with her

dad (Joe) to continue at Prufrock.

- Tracy tells Pat that the exhibit is a rare and highly valuable stamp collection and this is their opportunity.
- Pat asks Tracy to collect more info regarding the exhibit and he will look into options to pull off the heist.

July 5, 2012

- Carry reaches out to Tracy because she realized through Facebook that she was having a hard time.
- Carry sets up a lunch meeting with Tracy.
- Tracy confirms.

July 6, 2012

- Tracy and Pat communicate between email, texts, and calls regarding the plans for the stamp theft.
- King is propositioned to commit the crime.
- Carry and Tracy meet up for lunch.
- Pat and Tracy share an alias email and password to communicate.

July 8, 2012

- Photos are taken of the valuable stamps and the vicinity of the National Gallery. See Appendix C.

July 9, 2012

- Tracy sends the insurance documents related to the stamp exhibit into her alias email.
- Carry asks Tracy to sneak in a tablet to the National Gallery for a flash mob and offers her money in exchange.

July 10, 2012

- Tracy agrees and offers Carry an opportunity to scope out the National Gallery.
- Carry asks Tracy if she can come at 9 tomorrow.
- King has agreed to steal the stamps and has requested a list of equipment.
- Pat sends Tracy the list of equipment via email.
- Pat messages Tracy telling her about the email.
- Tracy acknowledges the email and message.
- Tracy tries to share a location with Pat but the message fails to deliver.

July 11, 2012

- Tracy confirms with Carry the meeting at 9 at the Gallery.
- Carry messages Tracy informing her that she is almost at the national Gallery.
- Tracy replies to Carry and asks her to meet her out front.
- Tracy says that she will take the tablet in.
- Carry asks Tracy for information regarding the shift changes of security and will pay her.
- Tracy agrees to give her this information.
- Carry assures her that "it will be gun"
- Carry adds Tracy to Google+
- Carry shares an album with Tracy.

July 12, 2012

- Tracy asks Carry what she meant by her statement in a previous email, "it will be gun"
- Carry tells her that it was a typo and she meant to say, "it was fun"

Conclusion

Evidence found on Tracy's iPhone indicated the following:

Tracy is feeling pressure from her daughter and her desire to keep the life and lifestyle she was accustomed to when her parents were together. Terry is considering living with her dad if her mom can't continue to afford her schooling. Joe has offered his daughter to stay with him and will pay for her tuition. Joe will not help Tracy in any way.

Tracy's motivation for engaging in illegal activities stems from financial stresses and not wanting her daughter to live with her dad.

Tracy and Pat are definitely the masterminds behind the theft of the valuable stamp exhibit.

Tracy's involvement with Carry is motivated by the fact that Carry was giving her money in exchange for information and to smuggle a tablet into the National Gallery for a flash mob. Carry mentions that the flash mob will be fun in the emails with Tracy.

There is no indication that Tracy has any involvement or knowledge of any plans to deface museum art. It looks like Tracy was a part of the distraction plan or given false information as a primer to divulge sensitive information about security details at the National Gallery.

Appendix A: Email Correspondence Evidence

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

Artifact #	Timestamp	Header Information	Key Information	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	6/19/2012 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
3	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
4	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
5	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
6	6/28/2012 19:31:33	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
7	6/29/2012 14:21:56	F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com	This is an email thread between Pat (Perry) and Tracy (Coral) discussing ideas for	Mailbox Data

		Subject: Re: Whats going on	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.	Structure
8	6/29/2012 14:31:36	F: perrypatsum@yahoo.com T: tracysumtwelve@gmail.com Subject: hey sis	Pat (Perry) emails Tracy addressing her as 'sister' and enquires about Terry. Asks her to check in 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.	Mailbox Data Structure
9	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
10	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
11	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.	Mailbox Data Structure

			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.	
12	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
13.	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
14	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
15	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 Coral. Pat replied back saying that he knows a guy called King.	Mailbox Data Structure
16	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
17	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	Mailbox Data Structure

			Password: legalBee	
18	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 insurance documents related to stamps.	/mobile/Library/Mail/PO P- coralbluetwo @hotmail.com @pop3.live.co m/INBOX.mbo x/Messages/8 A3BD06F- CDB1-44 53- 9C69- 77E06823 F2A E.emlx
19	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
20	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
21	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/PO P- coralbluetwo @hotmail.com @pop3.live.co m/INBOX.

				mbo x/Messages/9 F0508B8- 04FB-490 E-A7F0- 3E23B0E 7C5 9B.emlx
22	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. Carry replies asking Tracy not to worry and says "It will be gun".	Mailbox Data Structure
23	7/11/2012 19:28:53	F: "Google+" <noreply-5dd47ca1@plus.google.com> T: tracysumtwelve@gmail.com Subject: Carry Carsumtwotwelve added you on Google+	Email Thread: Long time no see Previous email from the thread from Carry asking for the security shift details from Tracy.	Mailbox Data Structure
24	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
25.	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
26	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".	Mailbox Data Structure

Appendix B: SMS Correspondence Evidence

This subsection will provide an amalgamation of SMS correspondence evidence.

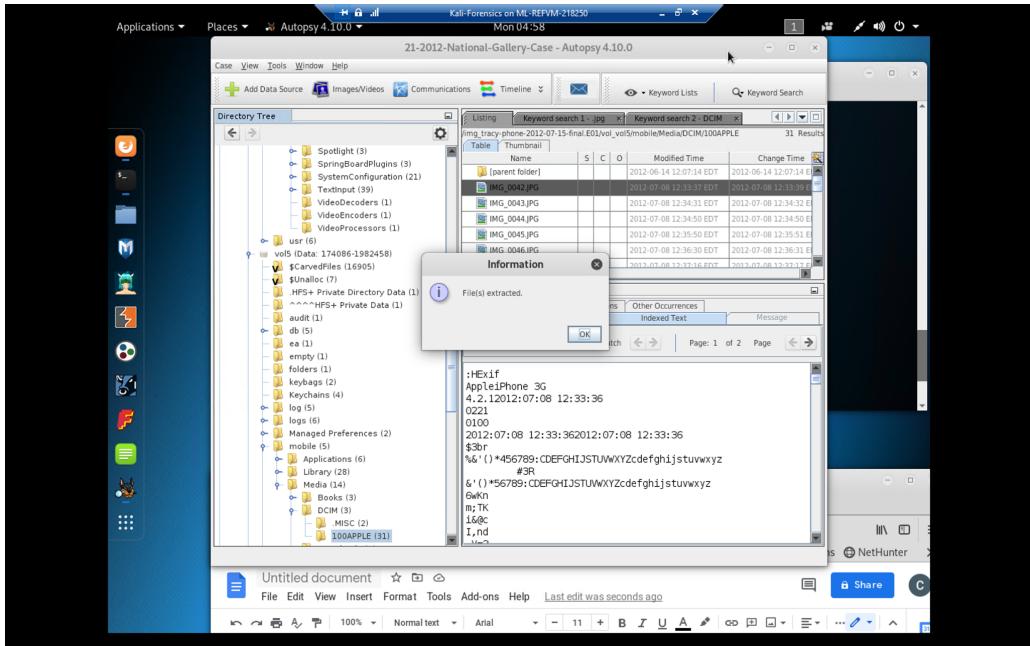
Artifact #	Timestamp	Header Information	Key Information	Evidence Location
27	6/12/2012 21:25:04	F: Pat T: Tracy	Pat asks Tracy about her plans for the weekend	SMS
28	6/13/2012 17:30:28	F: Terry T: Tracy	I'm going out with dad after school for pizza! Thought I'd let you know if you planned to cook.	SMS
29	6/13/2012 18:30:38	F: Tracy T: Pat	Tracy replies to Pat's message saying that she has no big plans and enquires about his plans.	SMS
30	6/13/2012 18:33:46	F: Tracy T: Terry	Ok, sounds good.	SMS
31	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
32	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
33	7/5/2012 18:20:26	F: Tracy T: Carry	Tracy confirms the meeting time and location	SMS
34	7/6/2012 15:02:19	F: Tracy T: Pat	Tracy asks Pat to give her a call	SMS
35	7/6/2012 15:08:37	F: Pat T: Tracy	Pat says he is busy and suggests calling later	SMS
36	7/6/2012 15:11:54	F: Tracy T: Pat	Tracy says its important and insists that pat call her soon	SMS
37	7/6/2012 15:13:31	F: Pat T: Tracy	Pat says he will call in 5 min	SMS
38	7/6/2012 15:18:50	F: Pat T: Tracy	Pat calls Tracy and they speak for 4 min 4 secs.	SMS
39	7/6/2012 16:27:16	F: Carry T: Tracy	Carry messages saying she has a table inside	SMS
40	7/6/2012 16:27:50	F: Tracy T: Carry	Tracy replies back saying that she will be there.	SMS
41	7/10/2012	F: Pat	Pat messages Tracy telling her about the email	SMS

	15:26:19	T: Tracy	and informing that the attachment needs to be changed to pdf. He asks Tracy to tell this information to Coral.	
42	7/10/2012 15:58:04	F: Tracy T: Pat	Tracy acknowledges the email and message.	SMS
43	7/10/2012 16:37:09	F: Tracy T: Pat *Delivery 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
44	7/10/2012 17:18:38	F: Tracy T: Terry	Tracy messages Terry for Lunch	SMS
45	7/10/2012 18:19:24	F: Tracy T: Terry	Tracy messages Terry that she is back at work.	SMS
46	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
47	7/11/2012 12:41:45	F: Carry T: Tracy	Carry messages Tracy informing that she is almost there (National Gallery)	SMS
48	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
49	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

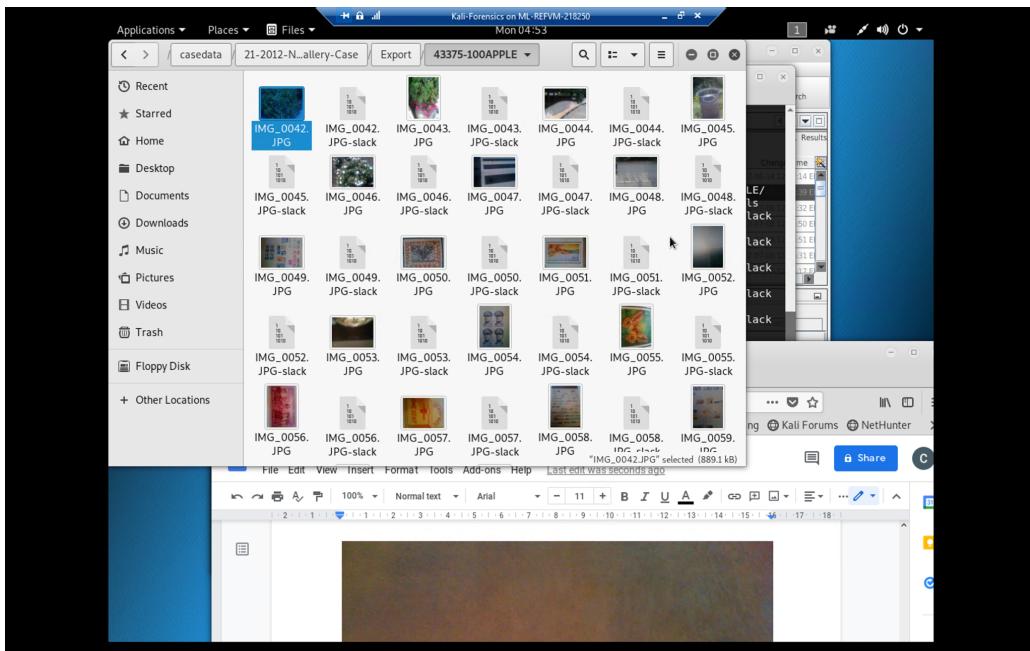
Appendix C: Photo Evidence of Stamp Theft

I found the photos in Autopsy® located at vol5/mobile/media/DCIM/100APPLE/

- I used Autopsy® and extracted the directory into Kali.



- I viewed them by navigating through my file directory
/root/casedata/21-2012-National-Gallery-Case/43375-100APPLE/



Artifact #	Name	Timestamp	Image
50	IMG_042.jpg	2012-07-08 12:33:37	
51	IMG_043.jpg	2012-07-08 12:34:31	
52	IMG_044.jpg	2012-07-08 12:34:50	

53	IMG_045.jpg	2012-07-08 12:35:50		
54	IMG_046.jpg	2012-07-08 12:36:30		
55	IMG_047.jpg	2012-07-08 12:37:16		

56	IMG_048.jpg	2012-07-08 12:37:37	
57	IMG_049.jpg	2012-07-08 12:41:41	
58	IMG_050.jpg	2012-07-08 12:41:53	

59	IMG_051.jpg	2012-07-08 12:42:03		
60	IMG_052.jpg	2012-07-08 12:42:48		
61	IMG_053.jpg	2012-07-08 12:44:13		

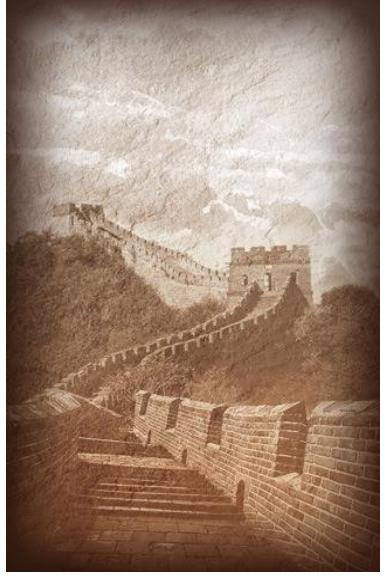
62	IMG_054.jpg	2012-07-08 12:49:25		
63	IMG_055.jpg	2012-07-08 12:49:37		
64	IMG_056.jpg	2012-07-08 12:49:49		

65	IMG_057.jpg	2012-07-08 12:50:07	
66	IMG_058.jpg	2012-07-08 12:50:20	
67	IMG_059.jpg	2012-07-08 12:50:34	

68	IMG_060.jpg	2012-07-08 12:50:50		
69	IMG_061.jpg	2012-07-08 12:50:53		
70	IMG_062.jpg	2012-07-08 12:51:03		

71	IMG_063.jpg	2012-07-08 12:51:14		
72	IMG_064.jpg	2012-07-08 12:51:44		
73	IMG_065.jpg	2012-07-08 12:59:55		

74	IMG_066.jpg	2012-07-08 13:00:01	
75	IMG_067.jpg	2012-07-08 13:00:08	
76	IMG_068.jpg	2012-07-08 13:00:12	

77	IMG_069.jpg	2012-07-08 13:00:23		
78	IMG_070.jpg	2012-07-08 13:02:23		
79	IMG_071.jpg	2012-07-11 12:18:48		

Appendix D: Document Evidence of Stamp Theft

Artifact #80 - 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 # 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

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

Artifact #81 - 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 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.

President National Gallery DC

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

Artifact # 82 - Stamp Insurance 3.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.

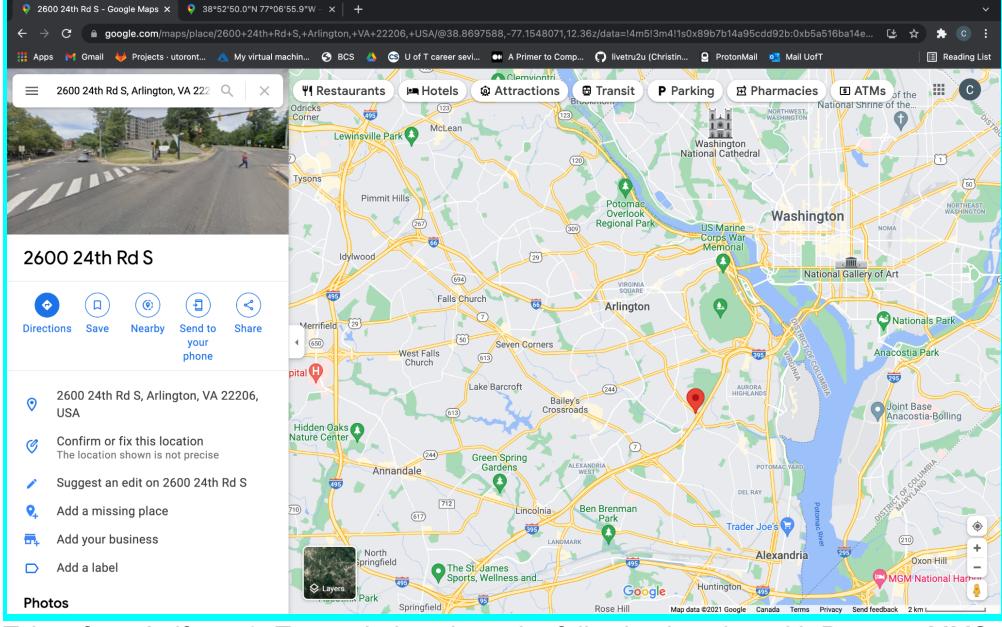
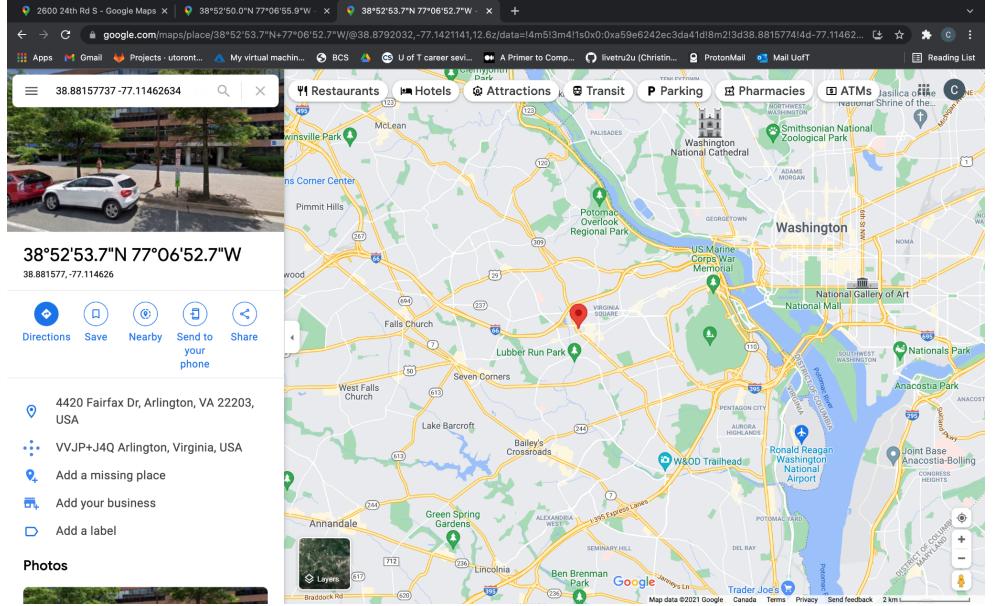
Artifact # 83 - needs.txt

The screenshot shows the Autopsy 4.10.0 Timeline Editor interface. The main pane displays a list of 27 events in a table format. The columns are Date/Time, Event Type, Description, Known, Tagged, and Hash Hit. The events are all of type MACB and involve files like /img_tracy-phone...d.Messages.mbox and /img_tracy-phone...CE3BD26571.emlx. One event at 2012-07-12 14:51:14 has a description of '/img_tracy-phone-...ts/60/2/needs.txt'. Below the table, there is a text area showing the contents of the 'needs.txt' file:

```
-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)

-----METADATA-----
Author: NCR LAB
Content-Type: application/pdf
```

Appendix E: WiFi and GPS Location Information

Artifact #	Timestamp	Google Maps Screenshot and Body
84	7/10/2012 16:37:09	 <p>2600 24th Rd S, Arlington, VA 22206, USA</p> <p>Confirm or fix this location The location shown is not precise</p> <p>Suggest an edit on 2600 24th Rd S</p> <p>Add a missing place</p> <p>Add your business</p> <p>Add a label</p> <p>Photos</p> <p>Taken from Artifact 43: Tracy tried to share the following location with Pat over MMS message but it failed. Location: 2600-2700 24th Rd S, Arlington, VA 22206</p>
85	7/12/2012 14:30:47	 <p>38°52'53.7"N 77°06'52.7"W 38.881577,-77.114626</p> <p>Directions Save Nearby Send to your phone</p> <p>4420 Fairfax Dr, Arlington, VA 22203, USA</p> <p>VVJP+J4Q Arlington, Virginia, USA</p> <p>Add a missing place</p> <p>Add your business</p> <p>Add a label</p> <p>Photos</p> <p>TableInfo</p> <p>TableName SoftwareVersion SerialNumber</p> <p>CompassCalibration 370.3 86004482Y7H</p>

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		0:18:1:f9:bc:19 3.63015762683134E8 38.87982344 -77.11606764 44.0 104.0 25.0 -1.0 -1.0 50 0:46:9a:9e:96:72 3.63015762683134E8 38.87988656 -77.1162219 56.0 100.0 18.0 -1.0 -1.0 50 0:23:ab:be:c1:f0 3.63015762683134E8 38.88151854 -77.11569088 46.0 120.0 34.0 -1.0 -1.0 50 0:1f:90:fa:c5:70 3.63015762683134E8 38.88132834 -77.11486929 45.0 123.0 29.0 -1.0 -1.0 50 5c:d9:98:21:a3:84 3.63015762683134E8 38.88152199 -77.11570668 44.0 115.0 34.0 -1.0 -1.0 50 0:fc:bf:c8:81:4f 3.63015762683134E8 38.88152933 -77.1156792 56.0 117.0 35.0 -1.0 -1.0 50 0:24:6c:67:d5:60 3.63015762683134E8 38.88151103 -77.11583673 87.0 52.0 34.0 -1.0 -1.0 50 c0:62:6b:85:2b:21 3.63015762683134E8 38.88148194 -77.11597418 57.0 119.0 23.0 -1.0 -1.0 50 0:fb:bb:b6:ca 3.63015762683134E8 38.88129836 -77.11637377 60.0 126.0 32.0 -1.0 -1.0 50 0:26:62:d8:b4:20 3.63015762683134E8 38.8797456 -77.11526322 43.0 99.0 24.0 -1.0 -1.0 50 0:11:24:de:42:f1 3.63015762683134E8 38.88140314 -77.1162194 42.0 118.0 14.0 -1.0 -1.0 50 0:26:b8:af:f7:1c 3.63015762683134E8 38.87971162 -77.11543715 42.0 100.0 16.0 -1.0 -1.0 50 c:cd5:2:5c:af:8f 3.63015762683134E8 38.88092291 -77.11671066 77.0 113.0 32.0 -1.0 -1.0 50 0:18:39:fb:4f:bc 3.63015762683134E8 38.88063263 -77.11677783 53.0 105.0 30.0 -1.0 -1.0 50 0:22:90:bb:c8:52 3.63015762683134E8 38.88155891 -77.115377 112.0 114.0 31.0 -1.0 -1.0 50 0:7f:28:6:c0:93 3.63015762683134E8 38.87969303 -77.11539524 42.0 97.0 15.0 -1.0 -1.0 50 0:12:cf:30:2e:48 3.63015762683134E8 38.88156855 -77.11573243 42.0 119.0 31.0 -1.0 -1.0 50 4:46:65:9d:a8:12 3.631987681106E8 0.0 0.0 -1.0 0.0 -1.0 -1.0 -1.0 0 0:24:6c:67:e7:20 3.631987681106E8 0.0 0.0 -1.0 0.0 -1.0 -1.0 -1.0 0 0:24:6c:67:e7:60 3.63198767554628E8 38.88054466 -77.11439651 42.0 0.0 -1.0 -1.0 -1.0 50 6c:50:4d:3e:a8:40 3.63198767554628E8 38.88053315 -77.11445105 46.0 122.0 5.0 -1.0 -1.0 50 84:db:2f:3:93:c6 3.63198767554628E8 38.88049459 -77.11436617 75.0 114.0 31.0 -1.0 -1.0 50 0:12:d9:3:c6:b0 3.63198767554628E8 38.88060778 -77.11446964 70.0 93.0 6.0 -1.0 -1.0 50 0:c:e6:46:f0:bb 3.63198767554628E8 38.88046348 -77.11443722 48.0 121.0 30.0 -1.0 -1.0 50 6c:50:4d:7c:70:a0 3.63198767554628E8 38.88053494 -77.11453396 60.0 128.0 35.0 -1.0 -1.0 50 0:1d:7e:34:91:8d 3.63198767554628E8 38.88055533 -77.11455225 42.0 115.0 30.0 -1.0 -1.0 50 6c:50:4d:aa:e:c1 3.63198767554628E8 38.88054358
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Report completed by Christina Chen on November 30, 2021 at 8:01am