

Case Report

National Gallery DC

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

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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 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. has made the following findings. In my Forensic process using Autopsy on the image of Tracy's iPhone I have uncovered details about her involvement in a plot to steal very high value stamps that will be displayed at the national Gallery Art in DC. Tracy recruited her brother Pat, a corrupt DC police officer to help her with planning, recruiting and execution of the heist where she happens to work as a supervisor, and had access to sensitive information such as exhibits value, and insurance documents. Tracy's plot to steal the stamps was exposed by her ex-husband who installed a keylogger on their daughter's Terry MacBook Air laptop in order to monitor her online behavior prior to separating with Tracy. I have also uncovered a second plot to deface art in the National Gallery. Tracy would use her status as a supervisor to get detailed plans of the security guards shifts and give it to Carry for money. Tracy then asks Carry if she would like a tour of the galley. Tracy would also smuggle in a tablet for Carry to use during the flash mob, but request to be compensated for her help.

Equipment and Tools

In our effort to gather, analyze and present the evidence from Tracy's cell phone, we are using several tools to connect all the evidence gathered, and create the most accurate timeline. the tools used are:

[Autopsy 4.10.0](#): was used to view any information stored on Tracy's cell phone.

[Google Maps](#): Was used to view the Geo-locations captured on tracy's cell phone.

[Kali Linux](#): Was used to view any files and Images extracted from autopsy.

Details of Tracy's iPhone

Case Name 2012-07-15-National-Gallery

Case Number: 1EZ215-P

Name	Findings	Location in iPhone image file
Model	iPhone (1-2)	/mobile/Library/Logs/AppleSupport/general.log
Host Name	Tracy Sumtwelve's iPhone	/logs/lockdownd.log
OS Version	iPhone OS 4.2.1	general.log
Install Time	6/6/2012 19:03:28	general.log
User Email	tracysumtwelve@gmail.com	vol5/mobile/Library/Mail
Phone Number	703-340-9661	/logs/lockdownd.log.1
Serial Number	86004482Y7H	general.log
ICCID	89014103255195342366	/logs/lockdownd.log.1
IMEI	012021003735398	/root/Library/Lockdown/activation_records/wildcard_record.plist
MD5 Hash	34c4888f095dc3241330462923f6fea5	
SHA256 Hash	71aed05a86a753dec4ef4033ed7f52d6577ccb534ca0d1e83ffd27683e621607	

Evidence to Establish Personas

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

Tracy:

Phone Number: [\(703\) 340-9961](#)
Personal Email: tracysumtwelve@gmail.com
Work Email: tracy.sumtwelve@nationalgallerydc.org
Relationship: Accused

Tracy works at the National Gallery as a supervisor. She and Pat are looking for ways to make money. She uses her position to look at the insurance document and look for something easy to heist. She discovers a valuable stamp collection arriving at the gallery. She plots with Pat to steal the stamps with the help of an ex-convict named King. Tracy also gets asked by Carry for help with a flash mob she's planning at the gallery.

Pat:

Phone Number: [571-308-3236](#)
Alias: perrypatsum@yahoo.com
Email: patsumtwelve@gmail.com
Relationship: [Tracy's brother \(accomplice\)](#)

Pat is Tracy's brother, and he is a corrupt police officer in D.C. He is very devoted to his sister Tracy, and his niece Terry. He is willing to help his sister with her financial troubles since he is also going through financial trouble. He is also willing to help keep his niece Terry in school. Since Tracy's ex husband Joe is not willing to continue paying for Terry's private school, unless Tracy will give custody to him over their daughter Terry.

Terry:

Phone Number: [703-829-6071](#)
Email: [N/A](#)
Relationship: [Tracy's Daughter](#)

Terry is Tracy and Joe's daughter. Terry goes to private school, but due to her parents divorce, she is at the risk of going to a public school. Joe, Terry's dad, is willing to keep paying for Terry's private school with the condition of having full custody over his daughter. She is willing

to go and live with her dad, in order to avoid changing schools. Tracy does not want to lose custody of her daughter, therefore, she is willing to commit a crime in order to prevent that.

Joe:

Phone Number: N/A

Email: joe.sum.twelve@gmail.com

Relationship: [Tracy's ex-husband and terry's dad](#)

Joe is Terry's father, and Tracy's ex husband. Joe is using his money in order to pressure Tracy into signing over custody over Terry. In order to keep track of Terry's online behavior, Joe installed a keylogger on her MacBook Air. Now that Joe and Tracy are going through a divorce, Joe is motivated to use the keylogger to spy on Tracy and Terry.

Carry:

Phone Number: [202-725-2124](tel:202-725-2124)

Email: carrysum2012@yahoo.com

Relationship: [Tracy's accuaintence](#)

Carry is a Krasnivian supporter, and shares family ties with Alex. Carry is Technologically Savvy. She is approached by Alex in order to help with the plot to deface artwork at the National Gallery, in order to embarrass the United states and damage public relations. She is the perfect person to help with this plot since she is both aligned with the Krasnivian cause due to family ties in Krasnovia, and also knows Tracy who works at the National Gallery as a supervisor.

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.

In the process of gathering evidence from Tracy's phone in regards to the theft of valuable stamps, we came across a document.zip file which contained 3 insurance documents that pertains to stamps and is located under [artifact #18](#).

In [appendix A](#) we can find correspondence that relates to the theft of stamps.

Appendix A, Artifact 7: On 6/29/2012, Pat (perry) and Tracy (Coral) discuss over email the possibility of making some money. Tracy is discussing looking out for documents and especially insurance papers, to target a potential item they can make money on. Tracy's motivation to commit the crime was her daughter's (Terry) expensive school tuition. Since Terry didn't want to change schools, and Tracy's ex-husband (Joe) conditioned his contribution to the tuition to Terry moving in with him.

Appendix A, Artifact 10: On 7/2/2012, Tracy emails pat mentioning that an interesting foreign exhibit is coming in, and after examining the paperwork she feels that this will be a big deal, and that is the opportunity they were waiting for.

Appendix A, Artifact 11: On 7/2/2012, Tracy mentioned in her email that she came across an exhibit that is coming in very soon, and it seems to be a very small exhibit that would not draw a lot of attention, and would work well with their plan.

Appendix C, Artifact 13: On 7/3/2012, Tracy emailed pat mentioning that the exhibit is a very rare and highly valuable stamp collection and this is their oportunity. Pat then proceeds to ask Tracy to collect as much information about the stamp exhibit, and in conjunction, he will explore options on how to execute the heist.

Appendix A, Artifact 16: On 7/6/2012, Pat emails a guy named King and cc Tracy saying that he got a lucrative proposition for him, a heist of the national gallery. Pat threatens King to agree or he will jeopardize King's parlor.

Appendix A, Artifact 17: On 7/6/2012, Tracy emailed Pat and King suggesting they should all hang out sometimes. Pat emails Tracy with account login information for **coralbluetwo@hotmail.com, Password: legalBee.**

Appendix A, Artifact 18: On 7/6/2011, Tracy emails from her private email from **tracysumtwelve@gmail.com** to her alias **coralbluetwo@hotmail.com** email a **zip** file containing 3 insurance documents related to the stamps.



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 Awesomelnsurance 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



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 Awesomelnsurance 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

President National Gallery DC



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

Appendix A, Artifact 21: On 7/10/2012 Pat emails Tracy King agree to help with the heist and sends a document with equipment required for the job. The document attached is saved as a 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)

Evidence relating to defacement of museum art

Appendix A, Artifact 19: On 7/9/2012 Carry emails Tracy asking for help sneaking in a tablet for a flash mob and would pay her.

Appendix A, Artifact 20: On 7/10/2012 Tracy replies to Carry's email agreeing to help sneak in the tablet for the flash mob and asks Carry when she would like to look at the gallery. Carry replies she could come around 9 on 7/11/2012.

Appendix A Artifact 22: On 7/11/2012 Tracy emails Carry confirming the meeting for 9 on 7/12/2012. Carry wants Tracy to pass her information regarding shift changes of the security. Carry would again pay Tracy for the information. Tracy agrees to give Carry the information on the security guards shifts for money. Also asking Carry to be careful with the information.

Appendix A Artifact 23: On 7/11/2012 Carry (Carsumtwotwelve) adds Tracy on Google+ and starts a new conversation asking about the security shift schedules.

Appendix A Artifact 24: On 7/11/2012 Carry shared an album with Tracy over Google+.

Appendix A Artifact 25: On 7/12/2012 Carry shared an album with Tracy over Google+

Plot Timeline

- On 6/29/2012 a message between Pat (Perry) and Tracy (Coral) that talks about looking for a way to make extra money. Tracy (Coral) has been looking for documents, especially insurance papers to see if anything worth stealing is coming to her work.
- On 7/2/2012 a message from Tracy (Coral) to Pat (Perry) mentioning new foreign exhibits coming and looking at the paperwork feels like it would be a big deal.
- On 7/2/2012 Tracy (Coral) messaged Pat (Perry) saying that she found that the exhibit is worth a lot of money but with low shipping cost. Pat (Perry) messages back saying that something small would be good from them.
- On 7/3/2012 Tracy (Coral) messaged Pat (Perry) that she found out the exhibit is full of rare and highly valuable stamp collections. Pat (Perry) messages back saying for Tracy (Coral) to find out as much as she can about the stamps and he'll look into options about the heist. (see Appendix C for pictures of the stamps)
- On 7/6/2012 Pat emails King with Tracy (Coral) cc'd to get him to help with the heist. Pat threatens King to comply since King is out on parole.
- On 7/6/2012 Tracy suggests King, Tracy and Pat hang out sometime. Pat responds with the login information for coralbluetwo@hotmail.com, an account they can use for the heist.
- On 7/9/2012 Tracy emails a zip document containing details of the insurance related to the stamps.
- On 7/10/2012 Pat emails coralbluetwo@hotmail.com saying that King agrees to help with the heist and that he sent over a text document with a tool list that he needs. Pat forward the email to Tracy (Coral) with the attachment needs.txt but needs to make it needs.pdf instead to view the file.
- On 7/9/2012 Carry emails Tracy asking for help sneaking in a tablet for a flash mob and would pay her.
- On 7/10/2012 Tracy replies to Carry's email agreeing to help sneak in the tablet for the flash mob and asks Carry when she would like to look at the gallery. Carry replies she could come around 9 on 7/11/2012.
- On 7/11/2012 Tracy emails Carry confirming the meeting for 9 on 7/12/2012. Carry wants Tracy to pass her information regarding shift changes of the security. Carry would again pay Tracy for the information. Tracy agrees to give Carry the information on the security guards shifts for money. Also asking Carry to be careful with the information.
- On 7/11/2012 Carry (Carsumtwotwelve) added Tracy on Google+ and started a new conversation asking about the security shift schedules.
- On 7/11/2012 Carry shared an album with Tracy over Google+.
- On 7/12/2012 Carry shared an album with Tracy over Google+

Conclusion

Evidence found on Tracy's iPhone indicated the following:

- Tracy conspired with her brother Pat to seal valued stamps to help Tracy pay for her daughter's private school.
- To make communication harder to track Tracy and Pat came up with an alias to communicate.
- Tracy would use the alias Coral and Pat would use the alias Perry
- They both created new emails for their aliases.
- Coral's email was coralbluetwo@hotmail.com and Perry's email was perrypatsum@yahoo.com.
- Pat recruited an ex-convict named King and threatened to lie to his parole office to make him comply.
- King sent over a list of tools he would require to complete the heist.
- Carry asks Tracy for help with information on the National Gallery since she's planning a flash mob.
- The flash mob is a cover of a plot to deface art at the gallery.
- Carry asks Tracy for security guards shift schedules and Tracy would give it for compensation.
- Carry also asks Carry when she would like a tour of the galley and for Tracy to sneak in a tablet to use on the day of the flash mob.

Appendix A: Correspondence Evidence

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

Master Timeline of NGDC				
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 an 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	Pat (Perry) emails Tracy (Coral) asking her to henceforth communicate using the aliases and the Virtual Machine setup to keep them safer. He also	Mailbox Data Structure

		Subject: What's going on	<p>indicates that they might have to get into riskier/illegal business since both of them were facing financial hardships.</p> <p>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.</p>	
7.	6/29/2012 14:21:56	F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com Subject: Re: What's going on	<p>This is an email thread between Pat (Perry) and Tracy (Coral) discussing ideas for making some money.</p> <p>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.</p>	Mailbox Data Structure
8.	6/29/2012 14:31:36	F: perrypatsum@yahoo.com T: tracysumtwelve@gmail.com Subject: hey sis	<p>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.</p>	Mailbox Data Structure
9.	6/29/2012 15:21:35	F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com Subject: Re: What's going on	<p>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</p>	Mailbox Data Structure

			get the job done if something like what they had earlier discussed pops up.	
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. 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
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

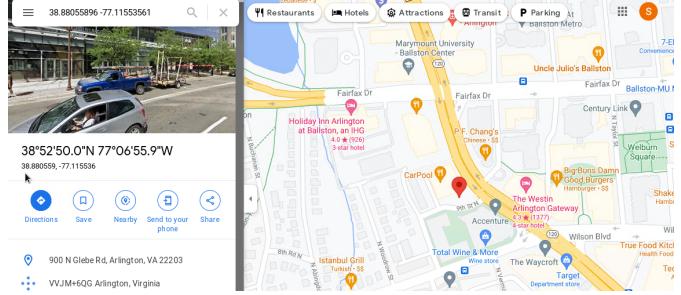
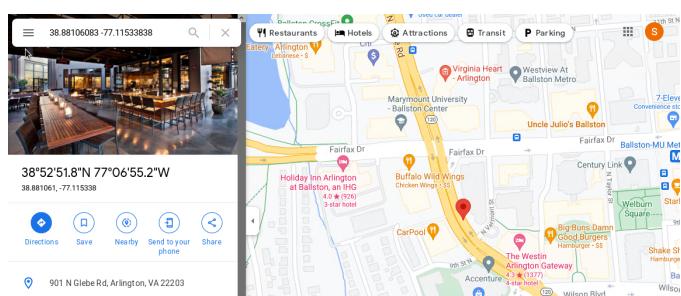
13.	7/3/2012 14:53:04	F: perrypatsum@yahoo.com T :coralbluetwo@hotmail.com Subject: Re: Some good news	Email Thread: Some good news Tracy (Coral) emails Pat (Perry) saying that the exhibit is a rare and highly valuable stamp collection and that maybe this is their opportunity. Pat (Perry) replies to 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 the 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 Password: legalBee	Mailbox Data Structure

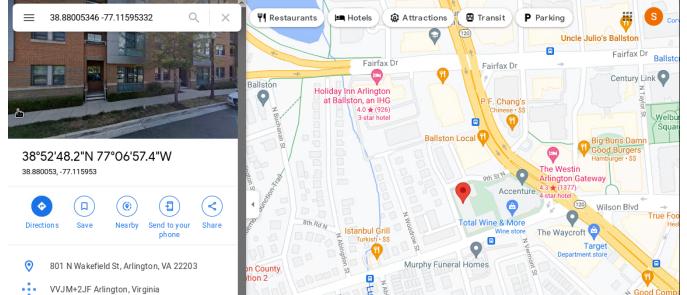
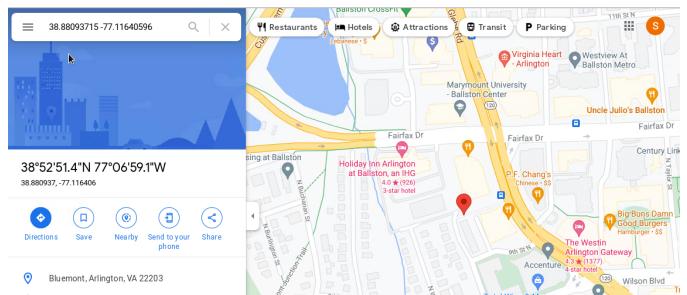
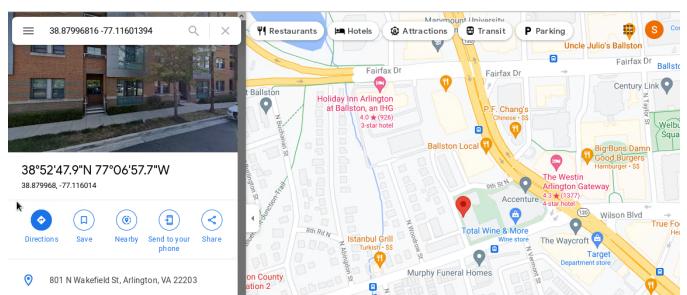
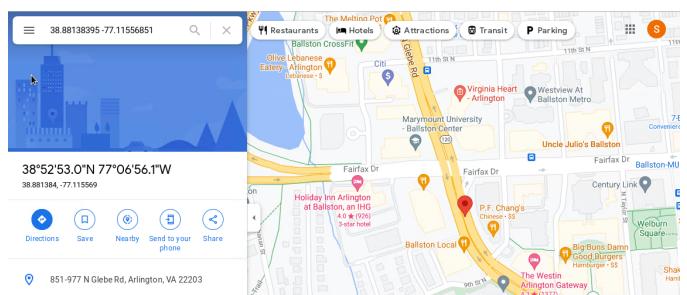
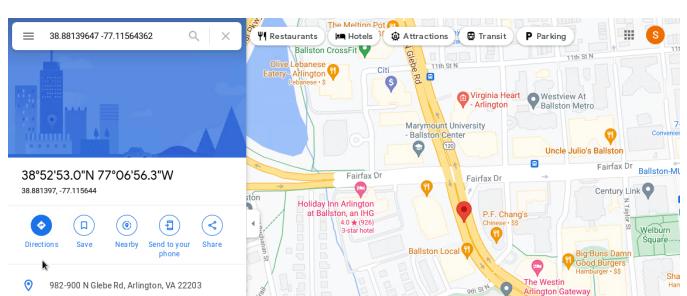
18.	7/9/2012 14:44:11	F: tracysumtwelve@gmail.com T: coralbluetwo@hotmail.com Subject: things	documents.zip is a compressed ZIP folder containing 3 insurance documents related to stamps. docs.zip is an encrypted ZIP folder containing 3 insurance documents related to stamps.	/mobile/Library/Mail/POP-coralbluetwo@hotmail.com @pop3.live.com/INBOX.mailbox/Messages/8 A3BD06F-CDB1-4453-9C69-77E06823F2A 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: can't 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.mailbox/Messages/9 F0508B8-04FB-490E-A7F0-3E23B0E7C5 9B.emlx

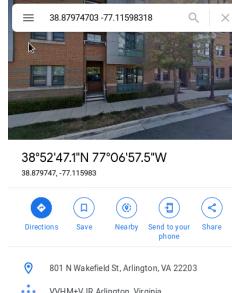
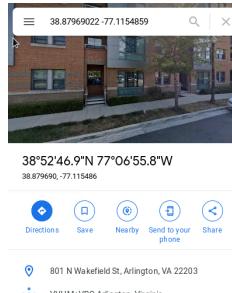
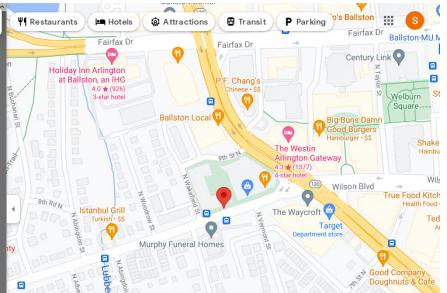
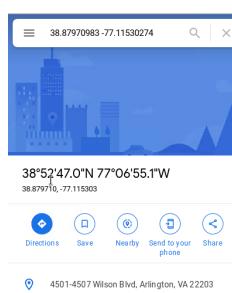
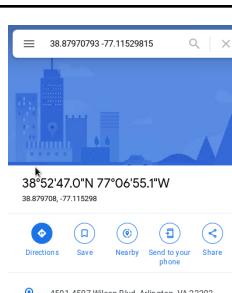
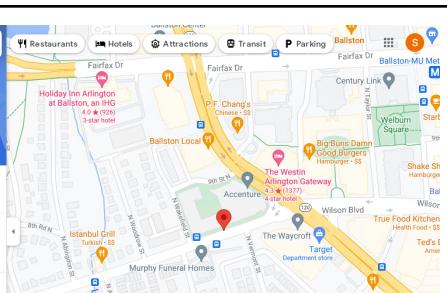
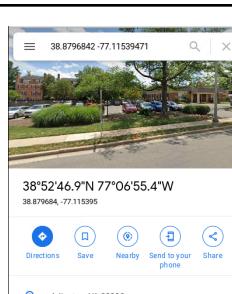
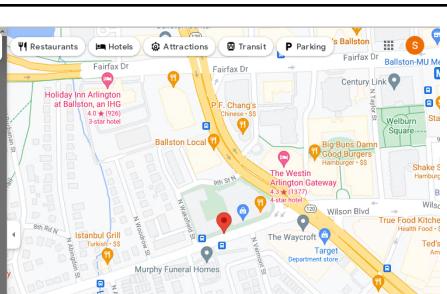
22.	7/11/2012 17:06:19	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com Subject: Re: Long time no see...	Email Thread: Long time no see Tracy confirms the meet at 9 tomorrow. Carry wants Tracy to pass her information regarding shift changes of security. She suggests that Tracy would be well compensated 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 done".	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 a gun". Carry replies saying that it was a typographical error and she meant "It will be fun".	Mailbox Data Structure
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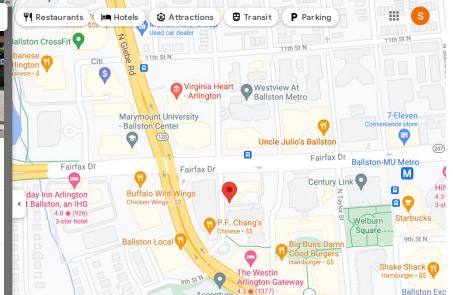
Appendix B: WiFi and GPS Location Information

Location Information				
Artifact #	Timestamp	Header Information	Body	Map Screenshot
1.	3.61306882 473715E8	38.88055896 -77.11553561	900 N Glebe Rd, Arlington, VA 22203	
2	3.61306882 473715E8	38.88106083 -77.11533838	901 N Glebe Rd, Arlington, VA 22203	

3.	3.61306882 473715E8	38.88005346 -77.11595332	801 N Wakefield, Arlington,VA 22203	 <p>38°52'48.2"N 77°06'57.4"W 38.880053,-77.115953</p> <p>Directions Save Nearby Send to your phone Share</p> <p>801 N Wakefield St, Arlington, VA 22203 VVJM+2JF Arlington, Virginia</p>
4.	3.61306882 473715E8	38.88093715 -77.11640596	Belmont, Arlington,VA 22203	 <p>38°52'51.4"N 77°06'59.1"W 38.880937,-77.116406</p> <p>Directions Save Nearby Send to your phone Share</p> <p>Bluemont, Arlington, VA 22203 VVJM+9CH Arlington, Virginia</p>
5.	3.61306882 473715E8	38.87996816 -77.11601394	801 N Wakefield, Arlington,VA 22203	 <p>38°52'47.9"N 77°06'57.7"W 38.879968,-77.116014</p> <p>Directions Save Nearby Send to your phone Share</p> <p>801 N Wakefield St, Arlington, VA 22203 VVHM+XQ Arlington, Virginia</p>
6.	3.61306882 473715E8	38.88138395 -77.11556851	851-977 N Glebe Rd, Arlington,VA 22203	 <p>38°52'53.0"N 77°06'56.1"W 38.881384,-77.115569</p> <p>Directions Save Nearby Send to your phone Share</p> <p>851-977 N Glebe Rd, Arlington, VA 22203 VVJM+H03 Arlington, Virginia</p>
7.	3.61306882 473715E8	38.88139647 -77.11564362	982-900 N Glebe Rd, Arlington,VA 22203	 <p>38°52'53.0"N 77°06'56.3"W 38.881397,-77.115644</p> <p>Directions Save Nearby Send to your phone Share</p> <p>982-900 N Glebe Rd, Arlington, VA 22203 VVJM+HPS Arlington, Virginia</p>

8.	3.61306882 473715E8	38.87974703 -77.11598318	801 N Wakefield, Arlington, VA 22203	 <p>38°52'47.1"N 77°06'57.5"W 38.879747,-77.115983</p> <p>Directions Save Nearby Send to your phone Share</p> <p>801 N Wakefield St, Arlington, VA 22203 VHVM+VJR Arlington, Virginia</p>	
9.	3.61306882 473715E8	38.87969022 -77.1154859	801 N Wakefield, Arlington, VA 22203	 <p>38°52'46.9"N 77°06'55.8"W 38.879690,-77.115486</p> <p>Directions Save Nearby Send to your phone Share</p> <p>801 N Wakefield St, Arlington, VA 22203 VHVM+VRC Arlington, Virginia</p>	
10.	3.61306882 473715E8	38.87970983 -77.11530274	4501-4507 Wilson Blvd, Arlington, VA 22203	 <p>38°52'47.0"N 77°06'55.1"W 38.879709,-77.115303</p> <p>Directions Save Nearby Send to your phone Share</p> <p>4501-4507 Wilson Blvd, Arlington, VA 22203 VHVM+VVP Arlington, Virginia</p>	
11.	3.61306882 473715E8	38.87970793 -77.11529815	4501-4507 Wilson Blvd, Arlington, VA 22203	 <p>38°52'47.0"N 77°06'55.1"W 38.879708,-77.115298</p> <p>Directions Save Nearby Send to your phone Share</p> <p>4501-4507 Wilson Blvd, Arlington, VA 22203 VHVM+VVP Arlington, Virginia</p>	
12.	3.61306882 473715E8	38.8796842 -77.11539471	Arlington, VA 22203	 <p>38°52'46.9"N 77°06'55.4"W 38.879684,-77.115395</p> <p>Directions Save Nearby Send to your phone Share</p> <p>Arlington, VA 22203 VHVM+VRH Arlington, Virginia</p>	

13.	3.61306882 473715E8	38.87969332 -77.11530435	4501-4507 Wilson Blvd, Arlington, VA 22203		
14.	3.61306882 473715E8	38.87969988 -77.11591041	801 N Wakefield, Arlington, VA 22203		
15.	3.61307043 743548E8	38.88143724 -77.11478394	851 N Glebe Rd, Arlington, VA 22203		
16.	3.61307043 743548E8	38.8815732 -77.11455619	4420 Fairfax Dr, Arlington, VA 22203		

17.	3.61307043 743548E8	38.88154673 -77.11469429	4420 Fairfax Dr, Arlington,VA 22203	 38°52'53.6"N 77°06'52.9"W 38.881547,-77.114694 <div style="display: flex; justify-content: space-around; font-size: small;"> Directions Save Nearby Send to your phone Share </div> <p>📍 4420 Fairfax Dr, Arlington, VA 22203 VVJP+J4T Arlington, Virginia</p>	
18.	3.61307043 743548E8	38.88157737 -77.11462634	4420 Fairfax Dr, Arlington,VA 22203	 38°52'53.7"N 77°06'52.7"W 38.881577,-77.114626 <div style="display: flex; justify-content: space-around; font-size: small;"> Directions Save Nearby Send to your phone Share </div> <p>📍 4420 Fairfax Dr, Arlington, VA 22203 VVJP+J4Q Arlington, Virginia</p>	
19.	3.61307043 743548E8	38.88160669 -77.11448079	4420 Fairfax Dr, Arlington,VA 22203	 38°52'53.8"N 77°06'52.1"W 38.881607,-77.114481 <div style="display: flex; justify-content: space-around; font-size: small;"> Directions Save Nearby Send to your phone Share </div> <p>📍 4420 Fairfax Dr, Arlington, VA 22203 VVJP+J4R Arlington, Virginia</p>	
20.	3.61307043 743548E8	38.88160783 -77.11447507	4420 Fairfax Dr, Arlington,VA 22203	 38°52'53.8"N 77°06'52.1"W 38.881608,-77.114475 <div style="display: flex; justify-content: space-around; font-size: small;"> Directions Save Nearby Send to your phone Share </div> <p>📍 4420 Fairfax Dr, Arlington, VA 22203 VVJP+J4R Arlington, Virginia</p>	

Appendix C: Exhibit Stamp Collection



**Properties** ×

Size 1600 × 1200 pixels

Type JPEG image

File Size 533.1 kB

Folder [43375-100APPLE](#)

Aperture f/2.8

Exposure

Focal Length

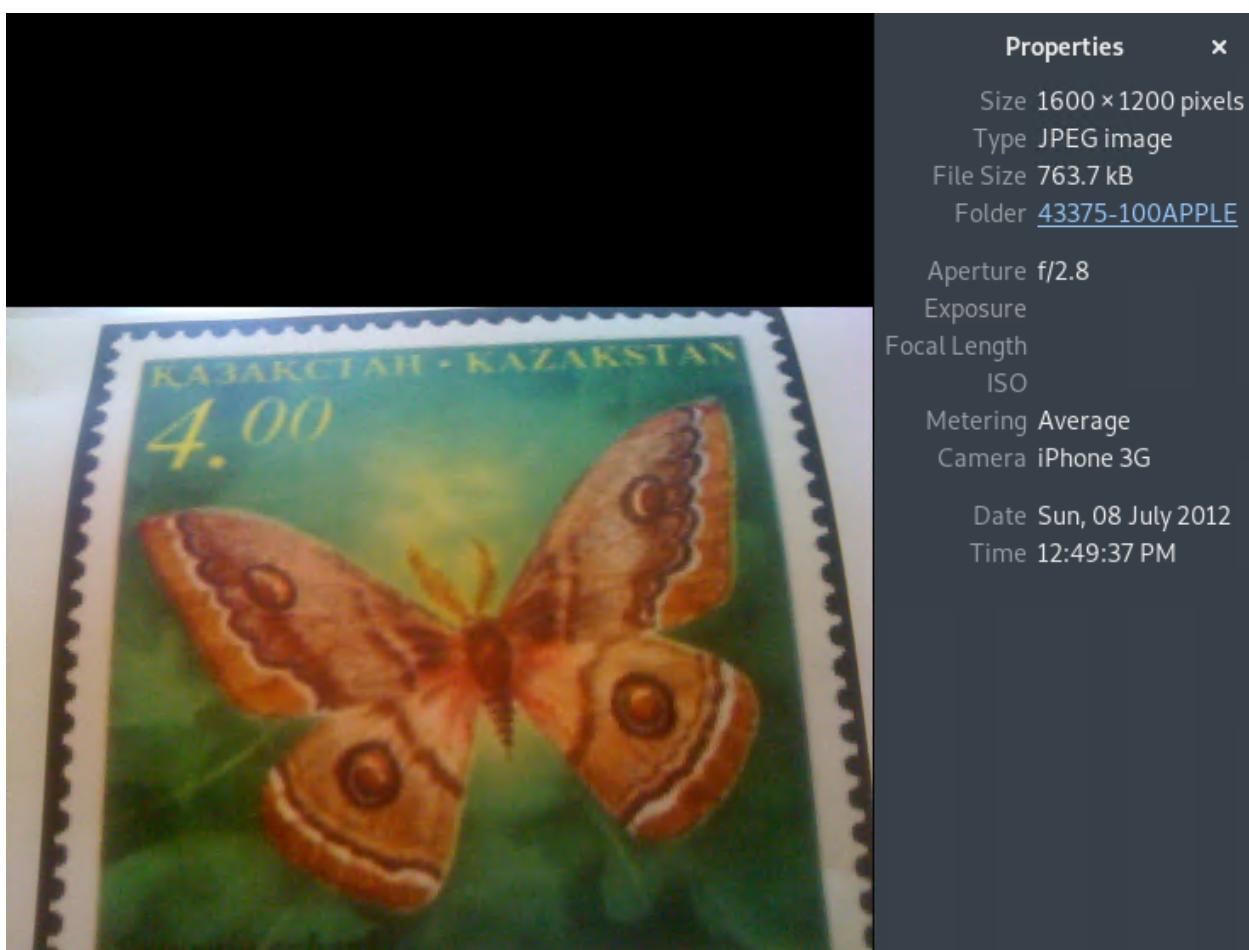
ISO

Metering Average

Camera iPhone 3G

Date Sun, 08 July 2012

Time 12:41:41 PM

**Properties** ×

Size 1600 × 1200 pixels

Type JPEG image

File Size 763.7 kB

Folder [43375-100APPLE](#)

Aperture f/2.8

Exposure

Focal Length

ISO

Metering Average

Camera iPhone 3G

Date Sun, 08 July 2012

Time 12:49:37 PM



Properties X

Size 1200 × 1600 pixels

Type JPEG image

File Size 718.2 kB

Folder [43375-100APPLE](#)

Aperture f/2.8

Exposure

Focal Length

ISO

Metering Average

Camera iPhone 3G

Date Sun, 08 July 2012

Time 12:49:25 PM



Properties x

Size 1200 × 1600 pixels

Type JPEG image

File Size 570.5 kB

Folder [43375-100APPLE](#)

Aperture f/2.8

Exposure

Focal Length

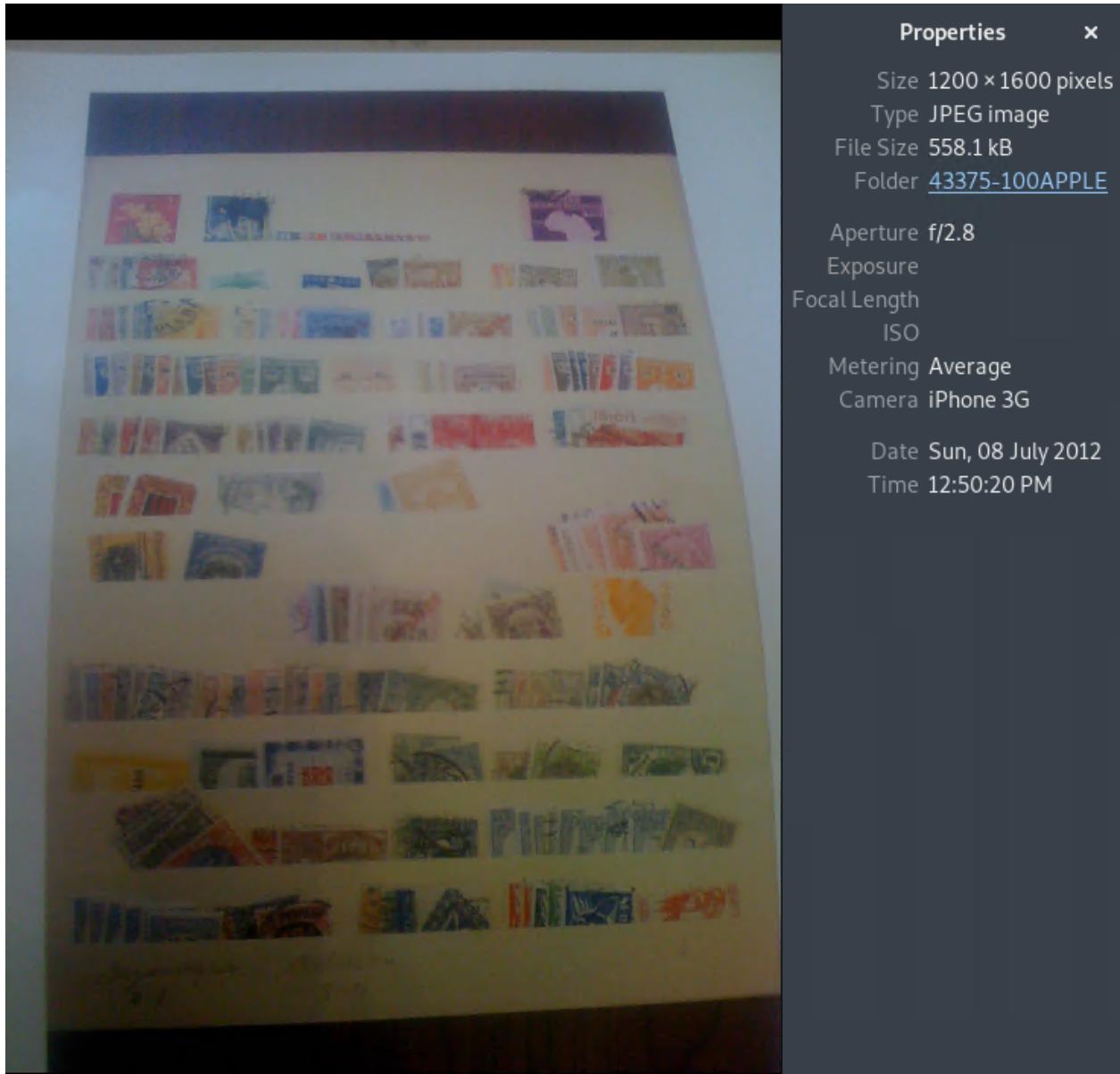
ISO

Metering Average

Camera iPhone 3G

Date Sun, 08 July 2012

Time 12:50:34 PM



Properties x

Size 1200 × 1600 pixels

Type JPEG image

File Size 558.1 kB

Folder [43375-100APPLE](#)

Aperture f/2.8

Exposure

Focal Length

ISO

Metering Average

Camera iPhone 3G

Date Sun, 08 July 2012

Time 12:50:20 PM

**Properties**

Size 1200 × 1600 pixels

Type JPEG image

File Size 699.1 kB

Folder [43375-100APPLE](#)

Aperture f/2.8

Exposure

Focal Length

ISO

Metering Average

Camera iPhone 3G

Date Sun, 08 July 2012

Time 12:50:07 PM

**Properties**

Size 1600 × 1200 pixels

Type JPEG image

File Size 844.8 kB

Folder [43375-100APPLE](#)

Aperture f/2.8

Exposure

Focal Length

ISO

Metering Average

Camera iPhone 3G

Date Sun, 08 July 2012

Time 12:49:49 PM



Properties x

Size 1200 × 1600 pixels

Type JPEG image

File Size 582.7 kB

Folder [43375-100APPLE](#)

Aperture f/2.8

Exposure

Focal Length

ISO

Metering Average

Camera iPhone 3G

Date Sun, 08 July 2012

Time 12:51:03 PM



Properties ×

Size 1200 × 1600 pixels

Type JPEG image

File Size 595.4 kB

Folder [43375-100APPLE](#)

Aperture f/2.8

Exposure

Focal Length

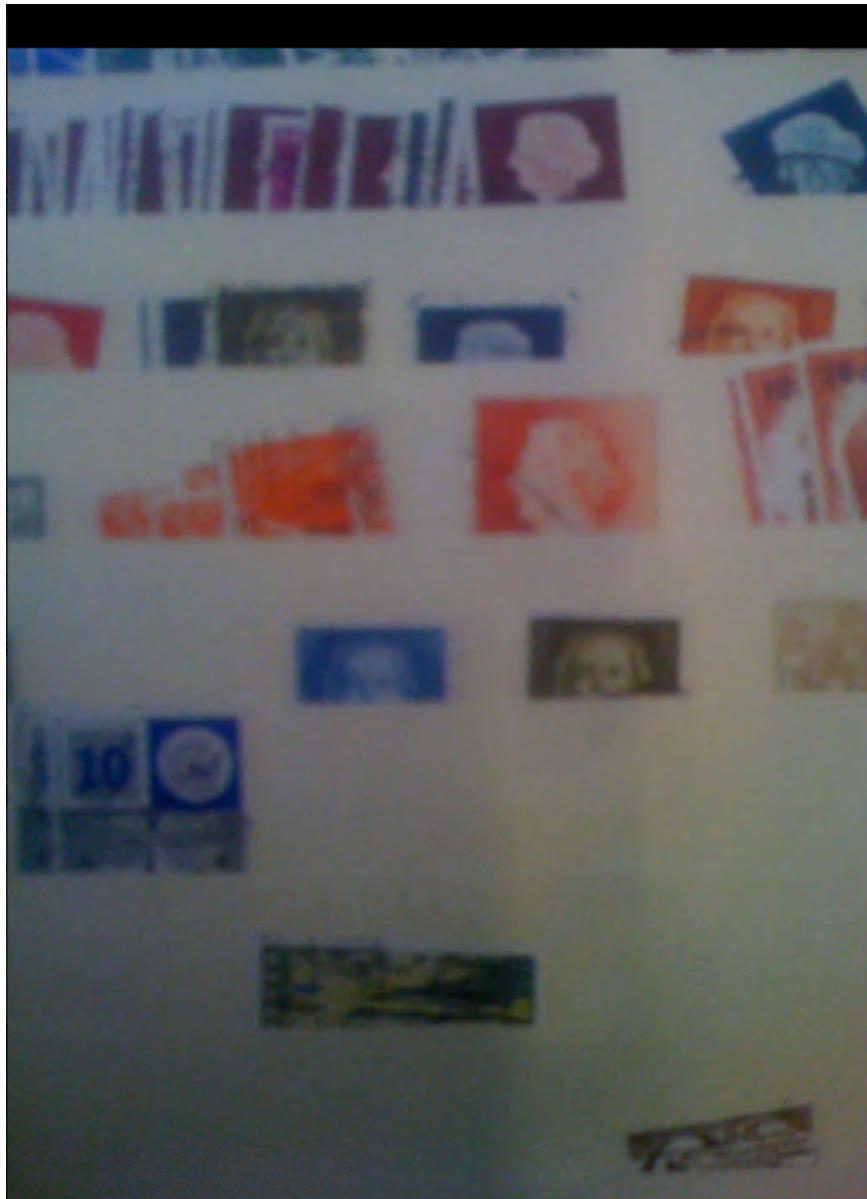
ISO

Metering Average

Camera iPhone 3G

Date Sun, 08 July 2012

Time 12:50:53 PM



Properties x

Size 1200 × 1600 pixels

Type JPEG image

File Size 615.1 kB

Folder [43375-100APPLE](#)

Aperture f/2.8

Exposure

Focal Length

ISO

Metering Average

Camera iPhone 3G

Date Sun, 08 July 2012

Time 12:50:50 PM

