

# CASE REPORT NATIONAL GALLERY DC

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

June 11, 2022  
Shamsul Chowdhury

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## EXECUTIVE SUMMARY

On January 21, 2016, DigiTech Inc. was called in to assist with the National Gallery, Washington DC (NGDC) case involving the conspiracy associated with the theft of valuable stamps and defacing of the museum of art at the NGDC.

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

As described fully in this report, DigiTech, Inc. made the following findings:

Evidence from Tracy's phone has shown there was collusion between Tracy, Pat, and King to steal stamps from NGDC and that Tracy was providing NGDC information to assist with Carry's so-called "flash mob" but it ended up being a scheme to damage foreign artwork at NGDC.

## COMPUTER EVIDENCE COLLECTED/ANALYZED

Forensic images were collected by me from an image of the iPhone 3G on August 14, 2021, in Markham, Ontario. The forensic image files of the iPhone 3G, tracy-phone-2012-07-15-final.E01 can be viewed as an exact snapshot of the data present on the iPhone 3G during its acquisition.

The tools used in our findings consisted of using the following:

- Autopsy (digital forensic tool)
- Kali Linux (operating system)
  - 'view' (Linux utility command to view files)
- DB Browser for SQLite (database)
- Google Earth / Google Maps
- [Mac HFS+ Timestamp Converter](#)

## DETAILS OF TRACY'S IPHONE

Table 1-1 Details of Tracy's iPhone 3G [DFDR07-17]

Name	Findings	Location in iPhone image file
Model	iPhone1,2 3G	vol5/mobile/Library/Logs/AppleSupport/general.log
Host Name	Tracy Sumtwelve's iPhone	vol5/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	<a href="mailto:tracy.suntwelve@nationalgallerydc.org">tracy.suntwelve@nationalgallerydc.org</a> <a href="mailto:tracy.sumtwelve@gmail.com">tracy.sumtwelve@gmail.com</a> <a href="mailto:coralbluetwo@hotmail.com">coralbluetwo@hotmail.com</a>	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/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: (Alias name: Coral Blue)

Phone Number: (703) 340-9961  
Email: [tracysumtwelve@gmail.com](mailto:tracysumtwelve@gmail.com)  
Work email: [tracy.sumtwelve@nationalgallerydc.org](mailto:tracy.sumtwelve@nationalgallerydc.org)  
Alias email: [coralbluetwo@hotmail.com](mailto:coralbluetwo@hotmail.com)  
Relationship: Ex-husband: Joe, and daughter Terry.  
Status: Accused

The data collected is from Tracy's phone, and the email associated with the Apple ID is 'tracysumtwelve@gmail.com' Also, her work email 'tracy.sumtwelve@nationalgallerydc.org' was setup on this phone, along with another email address under the alias name Coral Blue. Tracy is a supervisor at the NGDC. She is colluding with her brother, Pat (Perry), and his accomplice, King (Kart), to steal stamps at the NGDC. She is also getting some help from her colleague Carry (Cat) at NGDC to get some pictures on a tablet.

Pat: (Alias name: Perry)

Phone Number: (571) 308-3236  
Email: [patsumtwelve@gmail.com](mailto:patsumtwelve@gmail.com)  
Relationship: Brother (Accomplisher)

Terry:

Phone Number: (703) 829-6071  
Email:  
Relationship: Daughter of Tracy and Joe

Joe:

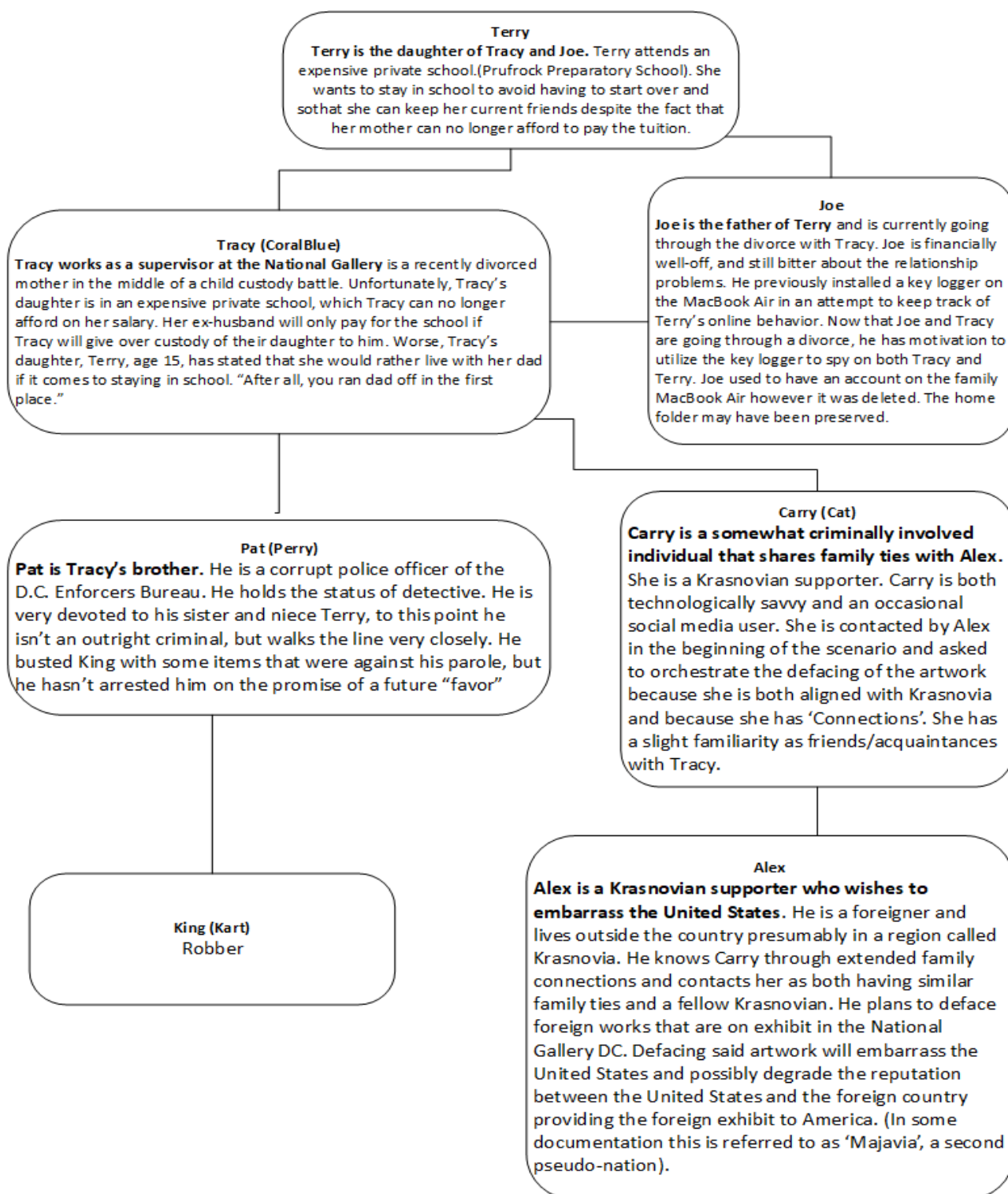
Phone Number:  
Email: [joe.sum.twelve@gmail.com](mailto:joe.sum.twelve@gmail.com)  
Relationship: Ex-husband of Tracy, and Father of Terry

Joe is Tracy's ex-husband and installed a keylogger program on Tracy's laptop to monitor their daughter, Terry's activity on the Internet. This tracking led Joe to find out about Tracy's attempt to steal from NGDC and reported her to the police.

Carry: (Alias name: Cat)

Phone Number: (202) 725-2124  
Email: [carrysum2012@yahoo.com](mailto:carrysum2012@yahoo.com)  
Relationship: Acquaintance of Tracy

King: (Alias name: Kart)  
Email: throne1966@hotmail.com  
Relationship: Acquaintance of Pat



## Evidence relating to the theft of valuable stamps

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

Evidence has shown that Tracy, Pat, and King were corresponding with each other to steal valuable stamps from the NGDC. Tracy's phone contained images of stamps that they were interested in stealing.

An email was sent from Pat to King telling him about the planned stamp heist at NGDC and is asking for his assistance, but instead is blackmailing him (see Appendix A, Artifact #2).

King sends an email with an attached document listing the tools he will need for this heist (see Appendix A, Artifact #4 and Appendix B, Artifact #4).

Pat forwards an email to Tracy, letting her know the tools that King will need (see Appendix A, Artifact #5 and Appendix B, Artifact #4).

In regards to the attachment stating the tools needed, Pat texts Tracy letting her know that her friend (actually Tracy) will need to change the attached file to a PDF format (see Appendix A, Artifact #106).

Tracy sends an email to herself with an attached ZIP file (see Appendix A, Artifact #3). This compressed file contained three pdf files which were memos about stamp insurance. The memos contained specific stamps and the amount each was insured for.

Appendix D contains the stamp images, of particular interest were the photographs of the following stamps mentioned in the insurance memos:

- Insurance memo, Stamp Insurance1.pdf (see Appendix A, Artifact # 1)
  - Armed Forces Reserve (see Appendix B, Artifact # 15)
  - Stamp of Kazakstan2 (see Appendix B, Artifact # 14)
  - Brady & Co (see Appendix B, Artifact # 16)
- Insurance memo, Stamp Insurance2.pdf (see Appendix A, Artifact # 2)
  - Woman's Profile (see Appendix B, Artifact # 26)
  - Stamp of Kazakstan (see Appendix B, Artifact # 10)
  - 1929 Nepal (see Appendix B, Artifact # 9)
- Insurance memo, Stamp Insurance3.pdf (see Appendix A, Artifact # 3)
  - Douglas MacArthur (see Appendix B, Artifact # 13)
  - Nederland (see Appendix B, Artifact # 24)
  - Mongolia (see Appendix B, Artifact # 28)

Tracy's cell location (local) shows that she was near the vicinity or in the NGDC (see *Wi-Fi/GPS location information*, Artifact # 8 & # 9).

# 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.

Evidence has shown that Tracy was communicating with Carry to assist with Carry's "flash mob" by giving sensitive information about NGDC. Again, this was just a ruse to deface artwork at NGDC.

Text messages detail the communication with Tracy and Carry about meeting up at Bubba's grill (see *SMS Message Content, Artifacts # 7, # 8 & # 13, # 14*).

Another text message indicates another meetup between Tracy and Carry but this time, Tracy will bring Carry's tablet in with her (see *SMS Message Content, Artifacts # 21 & # 22*).

In regards to the "flash mob", Tracy asks to Carry how is that going via text message (see *SMS Message Content, Artifacts # 23*).



# PLOT TIMELINE

Email Content: /mobile/Library/Mail/Protected Indexed

SMS Content: /mobile/Library/SMS/sms.db

Call Data: /wireless/Library/CallHistory/call\_history.db

Wifi & Cell Location Data: /root/Library/Caches/locationd/consolidated.db

Plot Timeline	
Date	Information
Tuesday, June 19, 2012	Pat sends Tracy information about a virtual machine.
Thursday, July 5, 2012	Text messages between Tracy and Carry about meeting up at Bubba's grill.
Friday, July 6, 2012	Tracy meets up with Carry at Bubba's grill.
Friday, July 6, 2012, through Tuesday, July 10, 2012	Correspondence between Tracy, Pat, and King about the tools needed for the stamp heist.
Sunday, July 08, 2012	Tracy photographs the stamps that they are interested in stealing.
Monday, July 09, 2012	Tracy sends herself copies of memos regarding insurance for specific stamps.
Wednesday, July 11, 2012	Tracy meets up with Carry again to take Carry's tablet in with her.
Thursday, July 12, 2012	Tracy asks to Carry about the status of the "flash mob".

## EMAIL CONTENT

Email Messages Timeline of NGDC				
Artifact #	Timestamp	Header Information	Key Information	Evidence Location
1	Tuesday, Jun 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	Tuesday, Jun 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	Tuesday, Jun 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	Tuesday, Jun 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	Thursday, Jun 21, 2012, 17:43:15	<p>F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com</p> <p>Subject: Re: Crazydave by the VMs</p>	<p>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.</p> <p>In the email thread Tracy (Coral) confirms that the instructions sent earlier in the audio file helped her.</p>	Mailbox Data Structure
6	Thursday, Jun 28, 2012, 19:31:33	<p>F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com</p> <p>Subject: Whats going on</p>	<p>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.</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>	Mailbox Data Structure

7	Friday, Jun 29, 2012, 14:21:56	<p>F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com</p> <p>Subject: Re: Whats going on</p>	<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	Friday, Jun 29, 2012, 14:31:36	<p>F: perrypatsum@yahoo.com T: tracysumtwelve@gmail.com</p> <p>Subject: hey sis</p>	<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.</p> <p>He asks Tracy to check in with Coral.</p> <p>Possible misdirection attempted by referring to Coral as a third person in the narrative.</p>	Mailbox Data Structure

9	Friday, Jun 29, 2012, 15:21:35	<p>F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com</p> <p>Subject: Re: Whats going on</p>	<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 get the job done if something like what they had earlier discussed pops up.</p>	Mailbox Data Structure
10	Monday, Jul 02, 2012, 16:13:18	<p>F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com</p> <p>Subject: Re: Some good news</p>	<p>Email Thread: Some good news</p> <p>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.</p> <p>Pat (Perry) replies back feeling hopeful about this being the opportunity they were looking for.</p>	Mailbox Data Structure
11	Monday, Jul 02, 2012, 20:00:31	<p>F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com</p> <p>Subject: Re: Some good news</p>	<p>Email thread: Some good news</p> <p>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.</p> <p>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.</p>	Mailbox Data Structure

12	Tuesday, Jul 03, 2012, 13:29:37	<p>F: joe.sum.twelve@gmail.com</p> <p>T: tracysumtwelve@gmail.com</p> <p>Subject: Re: Regarding Terry</p>	<p>Email Thread: Regarding Terry</p> <p>Tracy emails Joe asking whether he could help her with Terry's tuition this year since it is becoming too expensive for her.</p> <p>Joe replies back saying that he won't be paying Terry's tuition if she is not living with him.</p>	Mailbox Data Structure
13	Tuesday, Jul 03, 2012, 14:53:04	<p>F: perrypatsum@yahoo.com</p> <p>T: coralbluetwo@hotmail.com</p> <p>Subject: Re: Some good news</p>	<p>Email Thread: Some good news</p> <p>Tracy (Coral) emails Pat (Perry) saying that the exhibit is a rare and highly valuable stamp collection and that maybe this is their opportunity.</p> <p>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.</p>	Mailbox Data Structure
14	Thursday, Jul 05, 2012, 15:51:31	<p>F: carriesum2012@yahoo.com</p> <p>T: tracysumtwelve@gmail.com</p> <p>Subject: Long time no see...</p>	<p>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.</p>	Mailbox Data Structure

15	Friday, Jul 06, 2012, 15:27:51	<p>F: patsumtwelve@gmail.com T: tracysumtwelve@gmail.com</p> <p>Subject: Re: Good News</p>	<p>Email Thread: Good News</p> <p>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.</p> <p>Pat replied back saying that he knows a guy called King.</p>	Mailbox Data Structure
16	Friday, Jul 06, 2012, 15:49:31	<p>F: patsumtwelve@gmail.com T: throne1966@hotmail.com Cc: coralbluetwo@hotmail.com</p> <p>Subject: can't pass up</p>	<p>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.</p>	Mailbox Data Structure
17	Friday, Jul 06, 2012, 17:59:24	<p>F: patsumtwelve@gmail.com T: tracysumtwelve@gmail.com</p> <p>Subject: Re: Good News</p>	<p>Email Thread: Good News</p> <p>Tracy suggests they (meaning King, Tracy and Pat) should hang out sometime.</p> <p>Pat emails Tracy with account login information for: coralblue@hotmail.com Password: legalBee</p>	Mailbox Data Structure
18	Monday, Jul 09, 2012, 18:18:47	<p>F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com</p> <p>Subject: Re: Long time no see...</p>	<p>Email Thread: Long time no see... Tracy thanked Carry for the lunch.</p> <p>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.</p>	Mailbox Data Structure

19	Tuesday, Jul 10, 2012, 13:48:40	<p>F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com</p> <p>Subject: Re: Long time no see...</p>	<p>Email Thread: Long time no see...</p> <p>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.</p> <p>Carry replies saying that this would be a big help and asks if she could come around 9 tomorrow.</p>	Mailbox Data Structure
20	Wednesday, Jul 11, 2012, 17:06:19	<p>F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com</p> <p>Subject: Re: Long time no see...</p>	<p>Email Thread: Long time no see</p> <p>Tracy confirms the meet at 9 tomorrow.</p> <p>Carry wants Tracy to pass her information regarding shift changes of security. She suggests that Tracy would be well compensated for the information.</p> <p>Tracy confirms that she will give the security shift information Carry requested in exchange for money but asks Carrie to be careful with it.</p> <p>Carry replies asking Tracy not to worry and says "It will be a gun".</p>	Mailbox Data Structure
21	Wednesday, Jul 11, 2012, 19:28:53	<p>F: "Google+" &lt;noreply-5dd47ca1@plus.google.com&gt; T: tracysumtwelve@gmail.com</p> <p>Subject: Carry Carsumtwotwelve added you on Google+</p>	<p>Email Thread: Long time no see</p> <p>Previous email from the thread from Carry asking for the security shift details from Tracy.</p>	Mailbox Data Structure



22	Wednesday, Jul 11, 2012, 23:22:03	<p>F: "Carry Carsumtwotwelve (Google+)" &lt;replyto-748d3d22@plus.google.com&gt; T: tracysumtwelve@gmail.com</p> <p>Subject: Carry Carsumtwotwelve is sharing with you on Google+</p>	Notification from Google+ informing Tracy that Carry had shared an album.	Mailbox Data Structure
23	Thursday, Jul 12, 2012, 16:12:07	<p>F: "Carry Carsumtwotwelve (Google+)" &lt;replyto-748d3d22@plus.google.com&gt; T: tracysumtwelve@gmail.com</p> <p>Subject: Carry Carsumtwotwelve is sharing with you on Google+</p>	Notification from Google+ informing Tracy that Carry had shared an album.	Mailbox Data Structure
24	Thursday, Jul 12, 2012, 18:03:51	<p>F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com</p> <p>Subject: Re: Long time no see...</p>	<p>Email Thread: Long time no see...</p> <p>Tracy emailed Carry asking her what she meant by "It will be a gun".</p> <p>Carry replies saying that it was a typographical error and she meant "It will be fun".</p>	Mailbox Data Structure

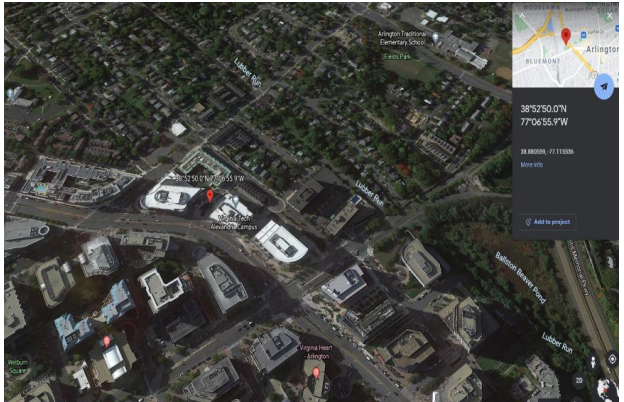
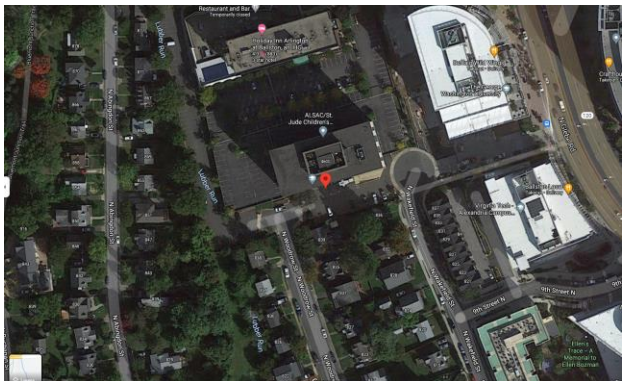
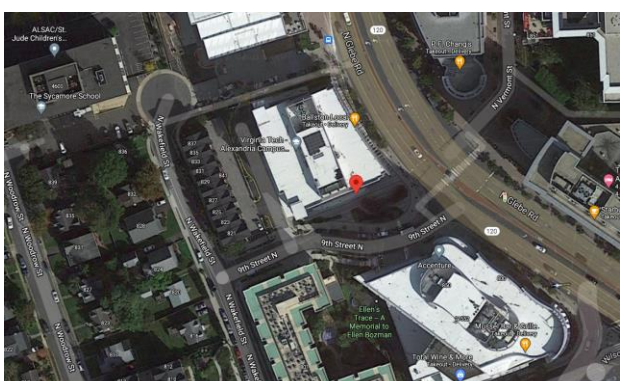
## SMS MESSAGE CONTENT

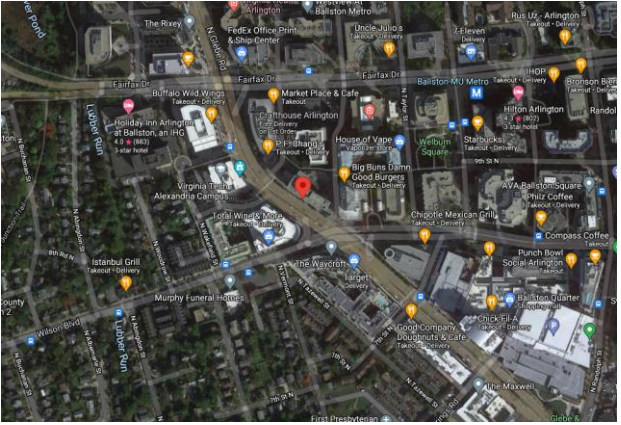

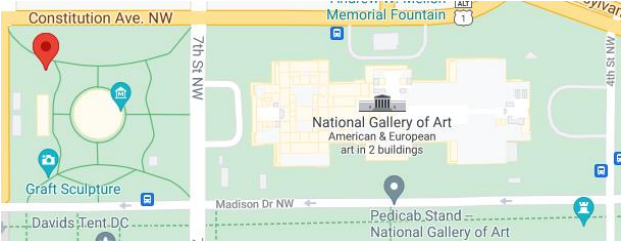
SMS Messages Timeline of NGDC			
Artifact #	Timestamp	Header Information	Key Information
1	Tuesday, Jun 12, 2012, 21:25:04	F: Pat T: Tracy	Pat asks Tracy about her plans for the weekend
2	Wednesday, Jun 13, 2012, 17:30:28	F: Terry T: Tracy	I'm going out with dad after school for pizza! Thought I'd let you know if you planned to cook. ← T
3	Wednesday, Jun 13, 2012, 18:30:38	F: Tracy T: Pat	Tracy replies to Pats' message saying that she has no big plans and enquires about his plans.
4	Wednesday, Jun 13, 2012, 18:33:46	F: Tracy T: Terry	Ok, sounds good.
5	Tuesday, Jul 03, 2012, 13:41:51	F: Tracy T: Terry	Tracy messages Terry asking about her opinion on switching schools since they can't Prufrock anymore.
6	Tuesday, Jul 03, 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
7	Thursday, Jul 05, 2012, 18:18:23	F: Carry T: Tracy	Carry sets up the time and location as 1 pm at Bubba's grill for meeting with Tracy
8	Thursday, Jul 05, 2012, 18:20:26	F: Tracy T: Carry	Tracy confirms the meeting time and location
9	Friday, Jul 06, 2012, 15:02:19	F: Tracy T: Pat	Tracy asks Pat to give her a call
10	Friday, Jul 06, 2012, 15:08:37	F: Pat T: Tracy	Pat says he is busy and suggests calling later
11	Friday, Jul 06, 2012, 15:11:54	F: Tracy T: Pat	Tracy says it's important and insists that pat call her soon
12	Friday, Jul 06, 2012, 15:13:31	F: Pat T: Tracy	Pat says he will call in 5 min

13	Friday, Jul 06, 2012, 16:27:16	F: Carry T: Tracy	Carry messages saying she has a table inside
14	Friday, Jul 06, 2012, 16:27:50	F: Tracy T: Carry	Tracy replies back saying that she will be there.
15	Tuesday, Jul 10, 2012, 15:26:19	F: Pat T: Tracy	Pat messages Tracy telling her about the email and informing her that the attachment needs to be changed to pdf. He asks Tracy to tell this information to Coral.
16	Tuesday, Jul 10, 2012, 15:58:04	F: Tracy T: Pat	Tracy acknowledges the email and message.
17	Tuesday, Jul 10, 2012, 16:37:09	F: Tracy T: Pat *Failed	Tracy tried to share the following location with Pat over MMS message but it failed. Location: 2600-2700 24th Rd S, Arlington, VA 22206
18	Tuesday, Jul 10, 2012, 17:18:38	F: Tracy T: Terry	Tracy messages Terry for Lunch
19	Tuesday, Jul 10, 2012, 18:19:24	F: Tracy T: Terry	Tracy messages Terry that she is back at work.
20	Tuesday, Jul 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.
21	Wednesday, Jul 11, 2012, 12:41:45	F: Carry T: Tracy	Carry messages, Tracy, informing that she is almost there (NGDC)
22	Wednesday, Jul 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.
23	Thursday, Jul 12, 2012, 17:06:45	F: Tracy T: Carry	Tracy messages Carry asking her about the flash mob

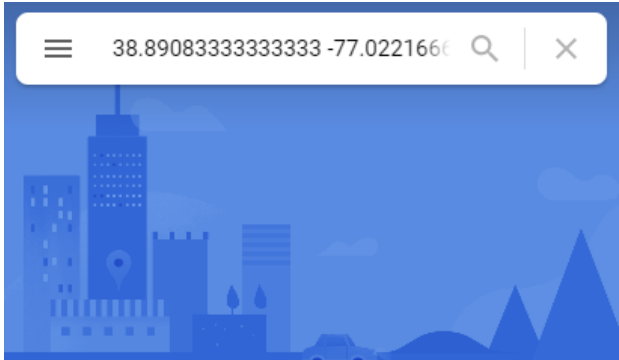



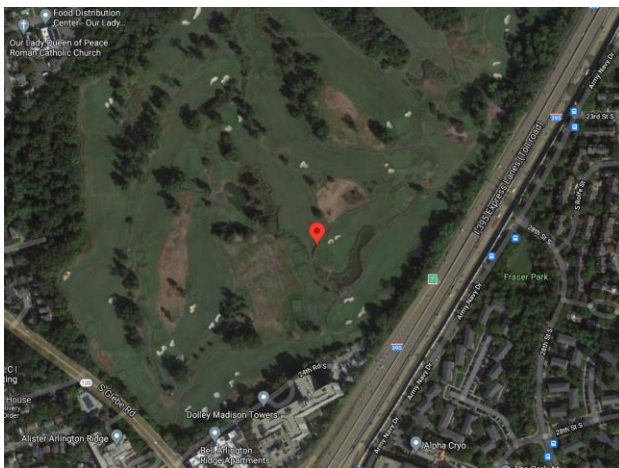
# WI-FI/GPS LOCATION INFORMATION


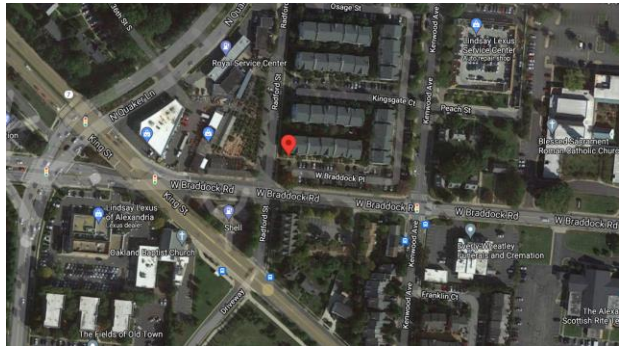

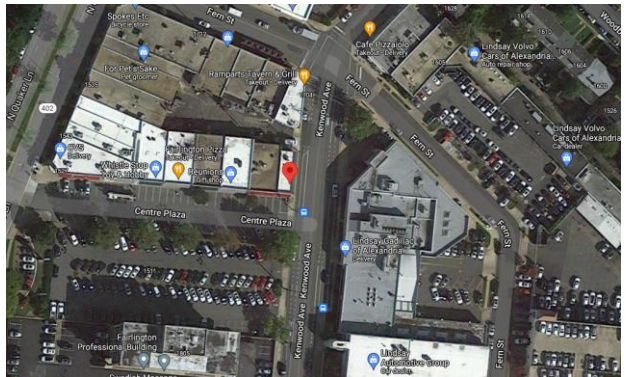
## Wi-Fi/GPS Location Information

Artifact #	Timestamp	Header Information	Body	Map Screenshot
1	Wednesday, June 13, 2012, 7:01:21 PM (UTC)	Cell Location: 38°52'39.6"N 77°06'55.7"W	Location: Virginia Tech Research Center – Arlington (900 N Glebe Rd, Arlington, VA 22203, USA)	
2	Sunday, June 13, 1915 7:01:22 PM (UTC)	Wifi Location: 38°52'50.0" N 77°06'55.9" W	Location: Virginia Tech Research Center – Arlington (900 N Glebe Rd, Arlington, VA 22203, USA)	
3	Monday, July 2, 2012, 4:19:23 PM	Cell Location: 38°52'51.3"N 77°07'01.6"W	Location: 4600 Fairfax Dr, Arlington, VA 22203, USA	
4	Monday, July 2, 2012, 4:19:24 PM	Wifi Location: 38°52'47.7" N 77°06'52.6" W	Location: 800 N Glebe Rd, Arlington, VA 22203, United States	
5	Tuesday, July 3, 2012, 1:42:42 PM	Wifi Location: 38°52'50.3" N 77°06'56.1" W	Location: 900 N Glebe Rd, Arlington, VA 22203, USA	
6	Thursday,	Cell Location:	Location:	

	July 5, 2012, 4:32:46 PM	38°52'46.2" N 77°06'52.6" W	Arlington, VA 22203, United States	
7	Thursday, July 5, 2012, 4:32:47 PM	Wifi Location: 38°52'49.9" N 77°06'52.0" W	Location: 801 N Glebe Rd, Arlington, VA 22203, USA	
8	Sunday, July 8, 2012, 12:33:36 PM EDT	Cell Location 38°53'30.0"N 77°01'24.6"W	National Gallery of Art, Washington, DC 20408, United States	<div><div><div></div><div>38.891666666666666 -77.0235</div><div></div><div></div></div><div></div><div><div>38°53'30.0"N 77°01'24.6"W</div><div>38.891667,-77.023500</div></div><div><div><div></div><div>Directions</div></div><div><div></div><div>Save</div></div><div><div></div><div>Nearby</div></div><div><div></div><div>Send to your phone</div></div><div><div></div><div>Share</div></div></div><div><div></div><div>National Gallery of Art, Washington, DC 20408, United States</div></div><div><div></div><div>VXRG+MJ Washington, District of Columbia, USA</div></div><div></div></div>



9	Sunday, July 8, 2012, 12:41:41 PM EDT	Cell Location 38°53'27.0"N 77°01'19.8"W	Northwest Washington, Washington, DC 20408, USA	 <p>38°53'27.0"N 77°01'19.8"W 38.890833, -77.022167</p> <p> <a href="#">Directions</a> <a href="#">Save</a> <a href="#">Nearby</a> <a href="#">Send to your phone</a> <a href="#">Share</a> </p> <p>  Northwest Washington, Washington, DC 20408, USA   VXRH+84 Washington, District of Columbia, USA </p> 
10	Tuesday, July 10, 2012, 4:31:10 PM	Cell Location: 38°51'05.1" N 77°04'41.7" W	Location: 1700 Army Navy Dr, Arlington, VA 22202, USA	

11	Tuesday, July 10, 2012, 4:31:12 PM	Wifi Location: 38°50'54.0" N 77°04'55.9" W	Location: 2693 24th Rd S, Arlington, VA 22206, USA	
12	Tuesday, July 10, 2012, 4:45:00 PM	Cell Location: 38°49'37.4" N 77°05'10.0" W	Location: 1737 W Braddock Pl, Alexandria, VA 22302, USA	
13	Tuesday, July 10, 2012, 4:45:01 PM	Wifi Location: 38°49'39.5" N 77°05'17.0" W	Location: 4104 36th St S, Arlington, VA 22206, USA	
14	Tuesday, July 10, 2012, 4:46:29 PM	Wifi Location: 38°49'44.7" N 77°05'05.1" W	Location: 1701 Centre Plaza, Alexandria, VA 22302, United States	

## CONCLUSION

Evidence found on Tracy's iPhone indicated the following:

From the email correspondence, text messages, photo images, and other miscellaneous information, the evidence has shown that Terry was colluding with Pat and King to steal valuable stamps from the NGDC. Another discovery from this investigation was Terry's willingness to give sensitive information to help out Carry's "flash mob". This information was gathered to wanting to damage artwork at NGDC.

The email correspondence has revealed that both Tracy and Pat were using alias names. Tracy's alias name was Coral while Pat's was Perry.

It also has come to light that Terry was having financial issues with paying for her daughter, Terry's tuition at Prufrock from her text messages and a note to herself on her phone.

The evidence of the attachment file stating the tools needed for this heist, stamp insurance memos, and stamp photo images revealed the details and planning that went into this heist of stealing stamps at NGDC. The discovery to deface artwork at NGDC was a consequence of finding out about the heist.



## APPENDIX A: CORRESPONDENCE ATTACHMENTS

Correspondence Attachments				
Artifact #	Timestamp	Header Information	Attachment Location	Attachment Screenshot
1	Received: July 09, 2012, 2:47:58 PM	From: Tracy Sumtwelve (tracysumtwelve@gmail.com) To: coralbluetwo@hotmail.com Subject: Things Attachment: documents.zip	File: /Attachments/61/3/docs.zip/docs /Stamp Insurance 1.pdf	See Page 11
2	Received: July 09, 2012, 2:47:58 PM	From: Tracy Sumtwelve (tracysumtwelve@gmail.com) To: coralbluetwo@hotmail.com Subject: Things Attachment: documents.zip	File: /Attachments/61/3/docs.zip/docs /Stamp Insurance 2.pdf	See Page 12
3	Received: July 09, 2012, 2:47:58 PM	From: Tracy Sumtwelve (tracysumtwelve@gmail.com) To: coralbluetwo@hotmail.com Subject: Things Attachment: documents.zip	File: /Attachments/61/3/docs.zip/docs /Stamp Insurance 3.pdf	See Page 13
4	Received: July 10, 2012, 11:19:00 AM	From: King kthings (throne1966@hotmail.com) To: patsumtwelve@gmail.com Subject: Re: can't pass up Attachment: needs.txt	File: /Attachments/60/2/needs.txt	See Page 14



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

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



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 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: 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


- 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  
Creation-Date: 2012-06-28T15:39:32Z  
Last-Modified: 2012-06-28T15:40:25Z  
Last-Save-Date: 2012-06-28T15:40:25Z  
X-Parsed-By: org.apache.tika.parser.DefaultParser  
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access\_permission:can print degraded: true

## APPENDIX B: PHOTOS

### Phone Images found in the Device

Artifact #	Timestamp	Header Information	Body	Image Screenshot
1	<p>July 8, 2012, 12:33:36 PM EDT</p> <p>38.89166666 6666666 - 77.0235</p> <p>78.04526748 971193</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0042</p> <p>Size: 889146</p> <p>Artifact ID: - 9333372036854775807</p> <p>Internal ID: 43377</p>	Outside of NGDC of Arts Sculpture	
2	<p>July 8, 2012, 12:34:31 PM EDT</p> <p>38.89166666 6666666 - 77.0235</p> <p>78.04526748 971193</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0043</p> <p>Size: 704549</p> <p>Artifact ID: - 9223372036854775806</p> <p>Internal ID: 43379</p>	Outside of National Gallery of Arts Sculpture	





3	<p>July 8, 2012, 12:34:50 PM EDT</p> <p>38.89166666 6666666 - 77.0235</p> <p>78.04526748 971193</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0044</p> <p>Size: 588093</p> <p>Artifact ID: - 9223372036854775805</p> <p>Internal ID: 43381</p>	<p>Outside of National Gallery of Arts Sculpture</p>	
4	<p>July 8, 2012, 12:35:50 PM EDT</p> <p>38.89133333 3333336 - 77.02283333 333334</p> <p>52.04565217 391304</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0045</p> <p>Size: 809006</p> <p>Artifact ID: - 9223372036854775804</p> <p>Internal ID: 43383</p>	<p>Outside of National Gallery of Arts Sculpture</p>	

5	<p>July 8, 2012, 12:36:30 PM EDT</p> <p>38.89133333 3333336 - 77.0225</p> <p>52.04580690 627202</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0046</p> <p>Size: 936833</p> <p>Artifact ID: - 9223372036854775803</p> <p>Internal ID: 43385</p>	<p>Outside of National Gallery of Arts Sculpture</p>	
6	<p>July 8, 2012, 12:37:16 PM EDT</p> <p>38.89083333 333333 - 77.02216666 666666</p> <p>54.04616182 572614</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0047</p> <p>Size: 651290</p> <p>Artifact ID: - 9223372036854775802</p> <p>Internal ID: 43387</p>	<p>Outside of National Gallery of Arts Sculpture</p>	



7	<p>July 8, 2012, 12:37:37 PM EDT</p> <p>38.89083333 333333 - 77.02216666 666666</p> <p>54.04618473 895582</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0048</p> <p>Size: 559050</p> <p>Artifact ID: - 9223372036854775801</p> <p>Internal ID: 43389</p>	<p>Outside of National Gallery of Arts Sculpture</p>	
8	<p>July 8, 2012, 12:41:41 PM EDT</p> <p>38.89166666 666666 - 77.0235</p> <p>78.04526748 971193</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0049</p> <p>Size: 533136</p> <p>Artifact ID: - 9223372036854775800</p> <p>Internal ID: 43391</p>	<p>Stamps</p>	

9	<p>July 8, 2012, 12:41:53 PM EDT</p> <p>38.89166666 6666666 - 77.0235</p> <p>78.04526748 971193</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0050</p> <p>Size: 687645</p> <p>Artifact ID: - 9223372036854775799</p> <p>Internal ID: 43393</p>	<p>A Nepali stamp from 1929.</p>	
10	<p>July 8, 2012, 12:42:03 PM EDT</p> <p>38.89166666 6666666 - 77.0235</p> <p>78.04526748 971193</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0051</p> <p>Size: 567964</p> <p>Artifact ID: - 9223372036854775798</p> <p>Internal ID: 43395</p>	<p>Kazakstan, 1996, Hunting Dogs, Stamp for 5.00 Tenge</p>	
11	<p>July 8, 2012, 12:42:48 PM</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0052</p> <p>Size: 477886</p> <p>Artifact ID: - 9223372036854775797</p> <p>Internal ID: 43397</p>	<p>Misc.</p>	

12	July 8, 2012, 12:44:13 PM	File: /mobile/Media/DCIM/100 APPLE/IMG_0053  Size: 596847  MD5 Artifact ID: - 9223372036854775796  Internal ID: 43399	Misc.	
13	July 8, 2012, 12:49:25 PM EDT  38.89766666 6666666 - 77.01966666 666667	File: /mobile/Media/DCIM/100 APPLE/IMG_0054  Size: 718217  Artifact ID: - 9223372036854775795  Internal ID: 43401	1971 General Douglas MacArthur Plate Block Of 4 6c Postage Stamps	



14	<p>July 8, 2012, 12:49:37 PM EDT</p> <p>38.89766666 6666666 - 77.01966666 666667</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0055</p> <p>Size: 763682</p> <p>Artifact ID: - 9223372036854775794</p> <p>Internal ID: 43403</p>	<p>Stamp issue 1996 Butterflies</p>	
15	<p>July 8, 2012, 12:49:49 PM EDT</p> <p>38.89766666 6666666 - 77.01966666 666667</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0056</p> <p>Size: 844764</p> <p>Artifact ID: - 9223372036854775793</p> <p>Internal ID: 43405</p>	<p>USA - 1955 3¢ Armed Forces Reserve</p>	

16	<p>July 8, 2012, 12:50:07 PM EDT</p> <p>38.89766666 6666666 - 77.01966666 666667</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0057</p> <p>Size: 699093</p> <p>Artifact ID: - 9223372036854775792</p> <p>Internal ID: 43407</p>	<p>Stamp - Brady &amp; Co NY 1c - forgery D</p>	
17	<p>July 8, 2012, 12:50:20 PM EDT</p> <p>38.89766666 6666666 - 77.01966666 666667</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0058</p> <p>Size: 558069</p> <p>Artifact ID: - 9223372036854775791</p> <p>Internal ID: 43409</p>	<p>Stamps</p>	

18	July 8, 2012, 12:50:34 PM EDT	File: /mobile/Media/DCIM/100 APPLE/IMG_0059  Size: 570515  Artifact ID: - 9223372036854775790  Internal ID: 43411	Stamps	
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19	July 8, 2012, 12:50:50 PM EDT	File: /mobile/Media/DCIM/100 APPLE/IMG_0060  Size: 615110  Artifact ID: - 9223372036854775789  Internal ID: 43413	Stamps	
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20	July 8, 2012, 12:50:53 PM EDT	File: /mobile/Media/DCIM/100 APPLE/IMG_0061  Size: 595432  Artifact ID: - 9223372036854775788  Internal ID: 43415	Stamps	
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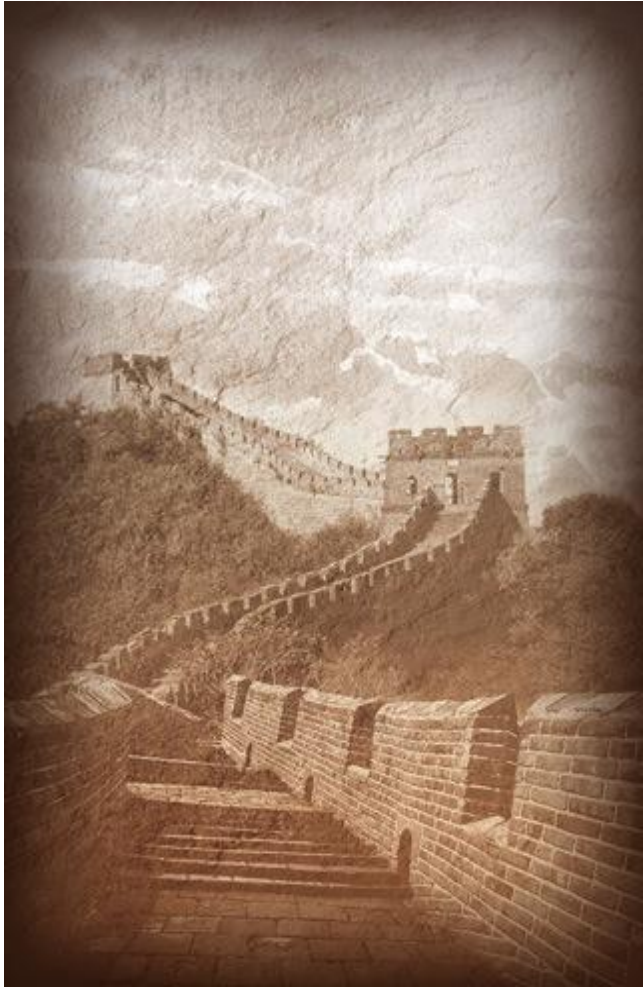

21	July 8, 2012, 12:51:03 PM EDT	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0062</p> <p>Size: 582712</p> <p>Artifact ID: - 9223372036854775787</p> <p>Internal ID: 43417</p>	Stamps	
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22	<p>July 8, 2012, 12:51:14 PM EDT</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0063</p> <p>Size: 651244</p> <p>Artifact ID: - 9223372036854775786</p> <p>Internal ID: 43419</p>	Stamps	
23	<p>July 8, 2012, 12:51:44 PM EDT</p> <p>38.9085 - 77.01816666 666667</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0064</p> <p>Size: 621960</p> <p>Artifact ID: - 9223372036854775785</p> <p>Internal ID: 43421</p>	Misc.	

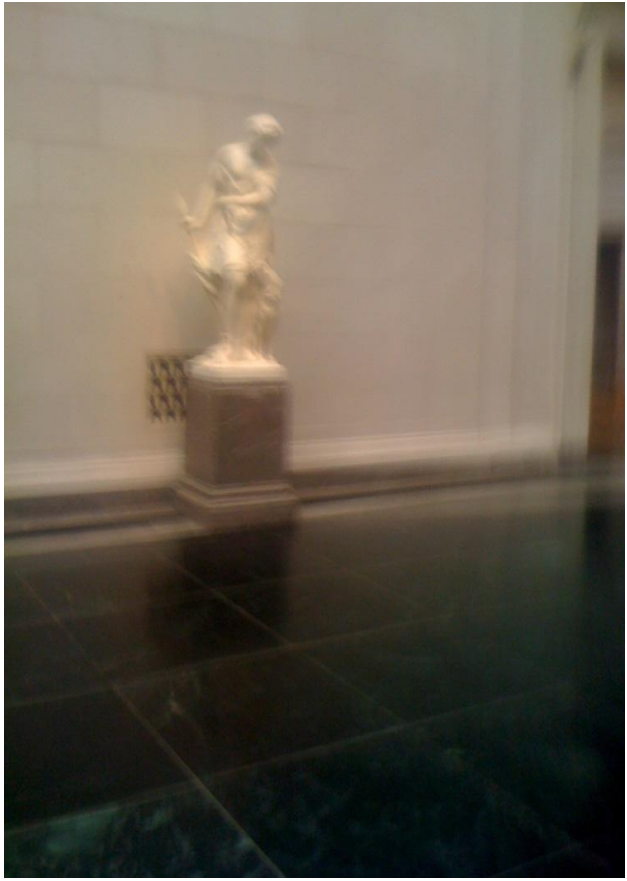
24	<p>July 8, 2012, 12:59:55 PM EDT</p> <p>38.89166666 6666666 - 77.0235</p> <p>78.04526748 971193</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0065</p> <p>Size: 576276</p> <p>Artifact ID: - 9223372036854775784</p> <p>Internal ID: 43423</p>	<p>1927 Netherlands Post issued 7½c violet denominatio n stamp</p>	
25	<p>July 8, 2012, 1:00:01 PM EDT</p> <p>38.89166666 6666666 - 77.0235</p> <p>78.04526748 971193</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0066</p> <p>Size: 527457</p> <p>Artifact ID: - 9223372036854775783</p> <p>Internal ID: 43425</p>	<p>1561 Stamp.</p>	
26	<p>July 8, 2012, 1:00:07 PM EDT</p> <p>38.89166666 6666666 - 77.0235</p> <p>78.04526748 971193</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0067</p> <p>Size: 521925</p> <p>Artifact ID: - 9223372036854775782</p> <p>Internal ID: 43427</p>	<p>Stamp</p>	


27	<p>July 8, 2012, 1:00:12 PM EDT</p> <p>38.89166666 6666666 - 77.0235</p> <p>78.04526748 971193</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0068</p> <p>Size: 472912</p> <p>Artifact ID: - 9223372036854775781</p> <p>Internal ID: 43429</p>	Stamped Postage Stamp	
28	<p>July 8, 2012, 1:00:23 PM EDT</p> <p>38.89166666 6666666 - 77.0235</p> <p>78.04526748 971193</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0069</p> <p>Size: 476280</p> <p>Artifact ID: - 9223372036854775780</p> <p>Internal ID: 43431</p>	Stamps	
29	<p>July 8, 2012, 1:02:23 PM EDT</p> <p>38.89166666 6666666 - 77.0235</p> <p>78.04526748 971193</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0070</p> <p>Size: 667776</p> <p>Artifact ID: - 9223372036854775779</p> <p>Internal ID: 43433</p>	Misc.	



30	<p>July 11, 2012, 12:18:48 PM EDT</p>	<p>File: /mobile/Media/DCIM/100 APPLE/IMG_0071</p> <p>Size: 71137</p> <p>Artifact ID: - 9223372036854610476</p> <p>Internal ID: 43435</p>	Great Wall of China	
31	<p>06/15/2012 15:30:30 EDT</p> <p>38.89766666 6666666 - 77.01966666 666667</p>	<p>/vol_vol5//\$CarvedFiles/f 0455920.JPG</p> <p>Carved</p> <p>Size: 584133</p> <p>MD5:1eed861173355e3 53efe0751708303f0</p> <p>Artifact ID: - 9223372036854708228</p> <p>Internal ID: 115485</p>	Collectable Stamps in the NGDC	

32	06/23/2012 14:44:22 EDT  38.89833333 333333 - 77.02	/vol_vol5//\$CarvedFiles/f 0457256.jpg  Carved Size: 704462 MD5: cc4d5268baefe09b30c3 dbb1a4673fe3  Artifact ID: - 9223372036854708229  Internal ID: 115494	Plant in the NGDC	
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33	06/23/2012 14:44:37  38.89833333 333333 - 77.02	/vol_vol5//\$CarvedFiles/f 0458800.jpg  Carved Size: 469383 MD5: c5d5b959b3a1b7fd07ca 080b200b7f5e  Artifact ID: - 9223372036854708230  Internal ID: 115499	Statue in the NGDC	
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34	06/23/2012 14:44:41 EDT  38.89833333 333333 - 77.02	/vol_vol5//CarvedFiles/f 0459744.jpg  Carved Size: 445116 MD5: 20b731566dbbc0a00f73 1c44b62c5ea9  Artifact ID: - 9223372036854708231  Internal ID: 115502	Statue in the NGDC	
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35	06/23/2012 14:44:53 EDT  38.89833333 333333 - 77.02	/vol_vol5//CarvedFiles/f 0460648.jpg  Carved Size: 507242 MD5: 30e45f98bccc88055075 2596e02c71d4  Artifact ID: - 9223372036854708232  Internal ID: 115506	Statue in the NGDC	
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