Case Report
National Gallery DC

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

Report created by: Alexander Baumgarten, Noelle Blanks, Iris Cooper, Michael Djan & Patrick Sicangco

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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. made the following findings:

- Digitech discovered data implicating Tracy and Pat, in a conspiracy to steal stamps from the National Gallery.
- The data uncovered revealed Tracy used the alias Coral
- Digitech secured evidence indicating fInancial compensation being offered for stamp theft.
- Digitech found evidence implicating Tracy and Pat in an email correspondence containing stamp letters for the DC National Gallery.
- Digitech discovered information containing evidence of Pat threatening a person called King and that Tracy was aware of this threat.
- Digitech located data indicating Carry offered monetary compensation to Tracy for sharing confidential information about the rotation at the National Gallery.
- Digitech uncovered data evidence that showed how Tracy aided Carry in bringing in a device into the National Gallery but that Carry did not disclose to Tracy her plan to deface the artwork at the National Gallery.
- Carry's device revealed that Alex conspired with Carry to deface artwork at the National Gallery.

Equipment and Tools Used in Order to Gather and Analyze Evidence

The following tools were used for analyzing and completing the forensic investigation:

- Autopsy
- Emails
- SMS files

Details of Tracy's iPhone

Case Name: `2012-07-15-National-Gallery` Case #: `1EZ215-P`

Details of Tracy's iPhone

Name	Findings	Location in iPhone image file
Model	iPhone 1,2	vol5/logs/AppleSupport
Host Name	Tracy's Sumtwelve's iPhone	vol5/logs/lockdownd.log
OS Version	iPhone OS 4.2.1	vol5/logs/AppleSupport
Install Time	June 6, 2012 @ 12:03:28	vol5/logs/AppleSupport/general.log
User Email	tracy.sumtwelve@nationalgallerydc.org tracysumtwelve@gmail.com coralbluetwo@hotmail.com	vol5/mobile/Library/Mail
Phone Number	703-340-9661	vol5/logs/lockdownd.log
Serial Number	86004482Y7H	vol5/logs/AppleSupport
ICCID	89014010325519342366	vol5/logs/lockdownd.log
IMEI	012021003735398	vol5/root/Library/Lockdown/activation_records/wildcard_record.plist
MD5 Hash	34c4888f095dc3241330462923f6fea5	

SHA256 Hash	71aed05a86a753dec4ef4033ed7f52d6577cc b534ca0d1e83ffd27683e621607	

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

703.340.9961 is the phone attributed to being Tracy's primary phone number that she used with the Apple ID which was associated with the phone. The email 'tracysumtwelve@gmail.com' was configured for the original mail application on the iPhone, connecting the email address to Tracy.

The email Tracy used for work was 'tracy.sumtwelve@nationalgallerydc.org' which was configured on the phone.

Pat:

Phone Number: 571.308.3236
Email: patsumtwelve@gmail.com
Relationship: Tracy's brother

Both the phone number and email address are attributed to Pat by way of the stored contacts on his iPhone.

Terry:

Phone Number: 703.829.6071
Email: gray@cac.washington.edu
Relationship: daughter of Tracy & Joe

Only the phone number was attributed to Terry; not the email address.

Joe:

Phone Number: n/a
Email: joe.sum.twelve@gmail.com
Relationship: Tracy's ex-husband & Terry's father

Artifact #12 indicates that the email address belongs to Joe, Tracy's estranged husband. The details include Tracy asking Joe for help with their daughter'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.

Carry:

Phone Number: 202.272.2124
Email: carrysum2012@yahoo.com
Relationship: Tracy's friend

The contacts stored on the emails and phone indicate that the phone number belongs to Carry through the matches between her email id and identity.

Perry (Pat):

Phone Number: n/a
Email: perrypatsum@yahoo.com
Relationship: Pat's alias

The email used was for Perry's alias

Coral(Tracy):

Phone Number: n/a
Email: coralbluetwo@hotmail.com
Relationship: Tracy's alias

The email, coralbluetwo@hotmail.com, was found in several artifacts, starting with Artifact #3-7, 9-11, 13, 18, 16 & 21 that is associated with Tracy whose alias is Coral.

King (Kart):

Phone Number: n/a
Email: throne1966@hotmail.com
Relationship: arrested by Pat

The email, throne1966@hotmail.com, was found in Artifact #16 that is associated with King.

Alex:

Relationship: Carry's friend from Krasnovian

There is no evidence of any phone number or email address being used connecting Alex to the theft.

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.

Artifacts # 11& 13 provides details about how Tracy found the valuable stamp collection exhibit. Artifact # 15 & 16 Show that Pat knows King and Pat coerces King to help with the heist. King is a criminal who is out on parole. King consented to participating in the heist and produced a list of requirements. The details can be found in Artifact # 21.
is evidence of Notification from Google+ informing Tracy that Carry had shared an album.
Artifact #18 shows that Tracy emailed zip file documents containing the Insurance information of the stamp collection exhibit.
Artifacts #24 &25 Carry sent albums containing photos of the stamps that were mentioned in the insurance documents.

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.

Carry and Tracy met for lunch and afterwards Carry asked Tracy for help sneaking the tablet into the National Gallery for a flash mob event. Carry tells Tracy that she would compensate her for her help (Artifact 19 & 20).

Tracy agrees to sneak the tablet into the gallery at 9am, Carry also asked Tracy for the security shift change schedule (Artifact 20, 22, 23, 46 & 47)

Tracy receives notifications from her Google+ informing her that Carry added her to a circle and that she shared something with her. One of the notifications was a suggestion to add Alex JFamEleven (Artifact 24 & 25)

Tracy messaged Carry about the flash mob (Artifact 44).

Plot Timeline

- Mailbox: information found in /mobile/Library/Mail/Protected Index and /mobile/Library/Mail/Envelope Index
- SMS: SMS conversations found on the phone was found /mobile/Library/SMS/sms.db
- Location Data: information found in /root/Library/Caches/locationd/consolidated.db

Appendix A: Correspondence Evidence Worksheet

This subsection will provide an amalgamation of the email and SMS corresponce 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 accepts her proposal and wants her to use their alias.	Mailbox
2	6.19.2012 20:06:47	F: perrypatsum@yahoo.com T: tracysumtwelve@gmail.com Subject: Look me up sometime	Perry emails Tracy asking her to communicate with the alias name	Mailbox
3	6.19.2012 21:38:59	F:perrypatsum@yahoo.com T: coralbluetwo@hotmail.com Subject: Crazydave by the VMs Attachment: Crazydave1.mp3	Perry emails Coral with instructions to install a Virtual Machine hidden in an audio file.	Mailbox
4	6.19.2012 21:39:34	F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com	Perry replies to Coral confirming that he was getting her emails.	Mailbox
5	6.21.2012 17:43:15	F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com Subject: Re: Crazydave by the VMs	Perry replies to Coral on an email thread about VM install saying that she should listen to some other songs as well. In the email thread Coral confirms that the instructions sent earlier in the audio file helped her.	Mailbox
6	6.28.2012 19:31:33	F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com Subject: Whats going on	Perry emails Coral asking her to communicate using the aliases and the VM setup to keep them safer. Perry also tells Coral that they might have to get into some illegal business since both of them need money. Perry tells Coral that few of his workplace	Mailbox

			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.	
7	6.29.2012 14.21.56	F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com Subject: Re: What's going on	This is an email thread between Perry and Coral discussing ideas for making some money. To Perry's suggestion that they use the Virtual Machines and aliases to communicate and keep looking for ways to make money, Tracy replies that she will keep her eyes open for opportunities and insists that Pat try to get in on some business soon, since her kid didn't want to change schools. She also indicates that she is paying attention to documents especially insurance papers so that she could identify something of potential. Pat assures that he will make something happen although he is nervous because IA has been sniffing around.	Mailbox
8	6/29/2012 14:31:36	F: perrypatsum@yahoo.com T: tracysumtwelve@gmail.com Subject: hey sis	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
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
10	7/2/2012 16:13:18	F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com	Tracy (Coral) emails Pat (Perry) mentioning that some interesting foreign	Mailbox

		Subject: Re: Some good news	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.	
11	7/2/2012 20:00:31	F: perrypatsum@yahoo.com T: coralbluetwo@hotmail.com Subject: Re: 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
12	7/3/2012 13:29:37	F: joe.sum.twelve@gmail.com T: tracysumtwelve@gmail.com Subject: Re: 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
13	7/3/2012 14:53:04	F: perrypatsum@yahoo.com T :coralbluetwo@hotmail.com Subject: Re: 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
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
15	7/6/2012 15:27:51	F: patsumtwelve@gmail.com T: tracysumtwelve@gmail.com	Tracy emailed Pat saying that she spoke with Coral and that Coral got some great news about her job and suggested that Pat	Mailbox

		Subject: Re: Good News	catch up with Coral. Pat replied back saying that he knows a guy called King.	
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
17	7/6/2012 17:59:24	F: patsumtwelve@gmail.com T: tracysumtwelve@gmail.com Subject: Re: 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
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/Librarry/Mail/POP-coralbluetwo@hotmail.com@pop3.live.com/INBOX.mbox/Messages/8A3BD06F-CDB1-4453- 9C69-77E06823F2AE.emlx
19	7/9/2012 18:18:47	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com Subject: Re: Long time no see..	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
20	7/10/2012	F: carrysum2012@yahoo.com	Tracy agrees to help Carry sneak in the	

	13:48:40	T: tracysumtwelve@gmail.com Subject: Re: Long time no see...	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
21	7/10/2012 15:24:57	F: patsumtwelve@gmail.com T: coralbluetwo@hotmail.com Subject: Fwd: can't pass up Attachment: needs.txt	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/Librar y/Mail/POP-coralbluetwo @hotmail.com @pop3.live.com/INBOX.mbox/Messages/9F0508B8-04FB-490E- A7F0-3E23B0E7C59B.emlx
22	7/11/2012 17:06:19	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com Subject: Re: 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
23	7/11/2012 19:28:53	F: "Google+" <noreply-5dd47ca1@plus.google.com> T: tracysumtwelve@gmail.com Subject: Carry Carsumtwotwelve added you	Carry asking for the security shift details from Tracy.	Mailbox

		on Google+		
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
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
26	7/12/2012 18:03:51	F: carrysum2012@yahoo.com T: tracysumtwelve@gmail.com Subject: Re: 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

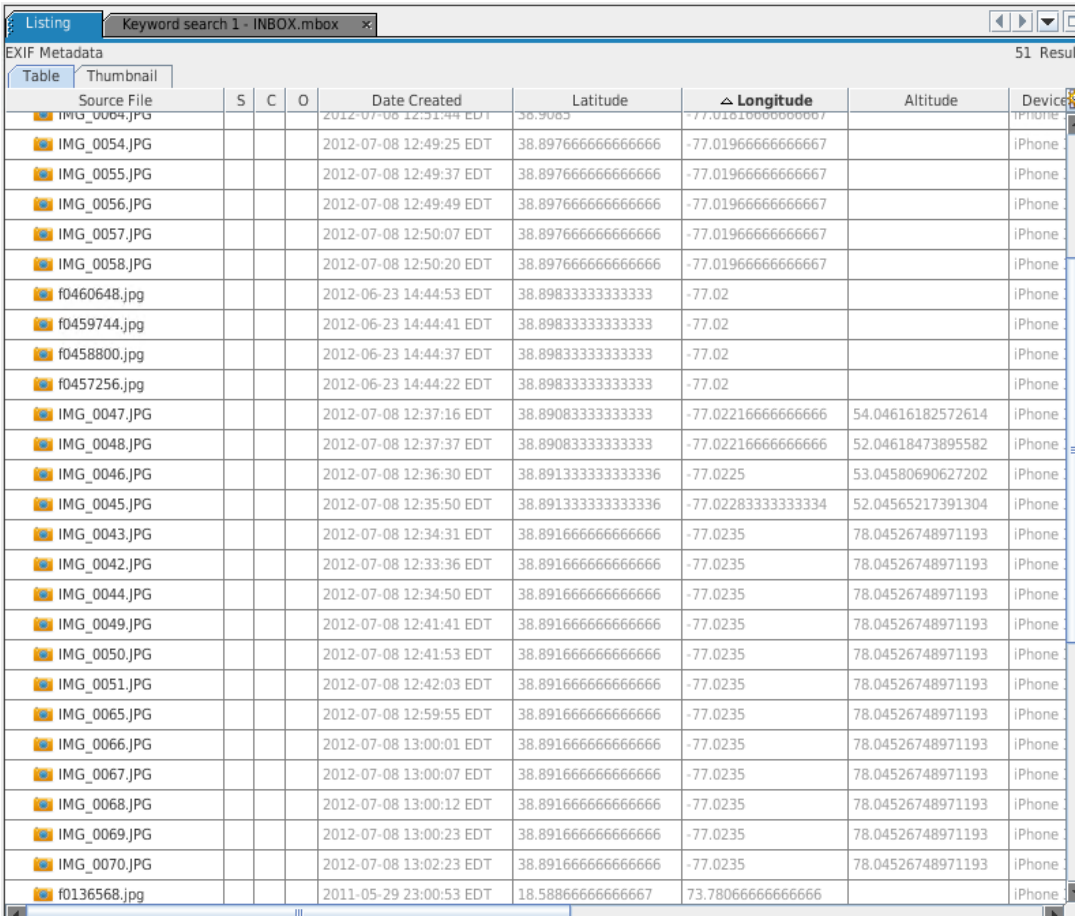
Appendix B: SMS Evidence Worksheet

Artifact #	Timestamp	Header Information	Key Information
27	6/12/2012 21:25:04	F: Pat T: Tracy	Pat asks Tracy about her plans for the weekend
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.
29	6/13/2012 18:30:38	F: Tracy T: Pat	Tracy replies to Pats message saying that she has no big plans and enquires about his plans.
30	6/13/2012 18:33:46	F: Tracy T: Terry	Ok, sounds good.
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
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
33	7/5/2012 18:20:26	F: Tracy T: Carry	Tracy confirms the meeting time and location
34	7/6/2012 15:02:19	F: Tracy T: Pat	Tracy asks Pat to give her a call
35	7/6/2012 15:08:37	F: Pat T: Tracy	Pat says he is busy and suggests calling later
36	7/6/2012 15:11:54	F: Tracy T: Pat	Tracy says its important and insists that pat call her soon
37	7/6/2012 15:13:31	F: Pat T: Tracy	Pat says he will call in 5 min
38	7/6/2012 15:18:50	F: Pat T: Tracy	Pat calls Tracy and they speak for 4 min 4 secs.

39	7/6/2012 16:27:16	F: Carry T: Tracy	Carry messages saying she has a table inside
40	7/6/2012 16:27:50	F: Tracy T: Carry	Tracy replies back saying that she will be there.
41	7/10/2012 15:26:19	F: Pat T: Tracy	Pat messages Tracy telling her about the email and informing that the attachment needs to be changed to pdf. He asks Tracy to tell this information to Coral.
42	7/10/2012 15:58:04	F: Tracy T: Pat	Tracy acknowledges the email and message.
43	7/10/2012 16:37:09	F: Tracy T: Pat *Failed	Tracy tried to share the following location with Pat over MMS message but it failed. Location: 2600-2700 24th Rd S, Arlington, VA 22206
44	7/12/2012 17:06:45	F: Tracy T: Carry	Tracy messages Carry asking about the flash mob
45	7/10/2012 17:18:38	F: Tracy T: Terry	Tracy messages Terry for Lunch
46	7/10/2012 18:19:24	F: Tracy T: Terry	Tracy messages Terry that she is back at work.
47	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.
48	7/11/2012 12:41:45	F: Carry T: Tracy	Carry messages Tracy informing that she is almost there (National Gallery)
49	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.
50	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

Photos & Stamp Collection

Photos were found within Autopsy by viewing all extracted results containing EXIF Metadata (which contains information about an image capture, including technical device capture data, etc.):



Source File	S	C	O	Date Created	Latitude	Longitude	Altitude	Device
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IMG_0055.JPG				2012-07-08 12:49:37 EDT	38.897666666666666	-77.01966666666667		iPhone
IMG_0056.JPG				2012-07-08 12:49:49 EDT	38.897666666666666	-77.01966666666667		iPhone
IMG_0057.JPG				2012-07-08 12:50:07 EDT	38.897666666666666	-77.01966666666667		iPhone
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f0458800.jpg				2012-06-23 14:44:37 EDT	38.89833333333333	-77.02		iPhone
f0457256.jpg				2012-06-23 14:44:22 EDT	38.89833333333333	-77.02		iPhone
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IMG_0046.JPG				2012-07-08 12:36:30 EDT	38.891333333333336	-77.0225	53.04580690627202	iPhone
IMG_0045.JPG				2012-07-08 12:35:50 EDT	38.891333333333336	-77.02283333333334	52.04565217391304	iPhone
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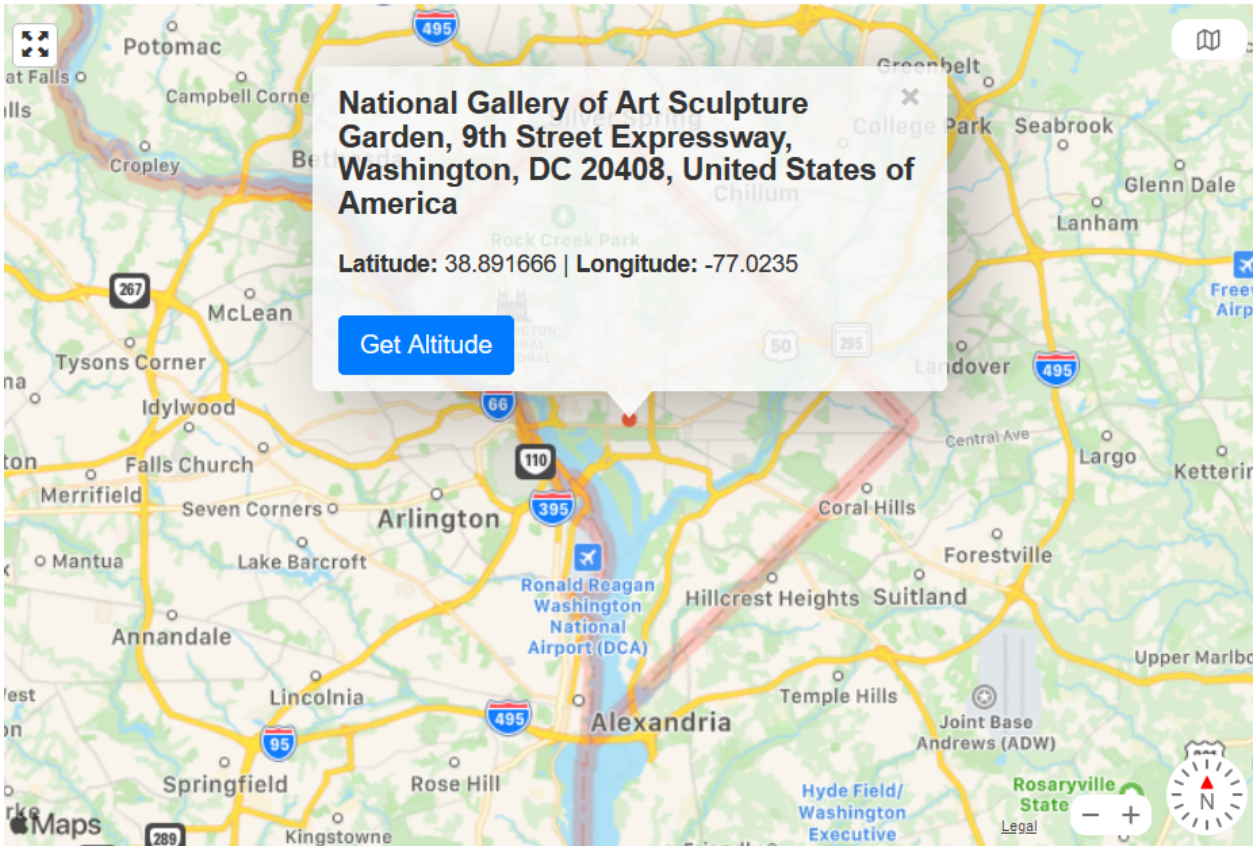
IMG_0044.JPG				2012-07-08 12:34:50 EDT	38.891666666666666	-77.0235	78.04526748971193	iPhone
IMG_0049.JPG				2012-07-08 12:41:41 EDT	38.891666666666666	-77.0235	78.04526748971193	iPhone
IMG_0050.JPG				2012-07-08 12:41:53 EDT	38.891666666666666	-77.0235	78.04526748971193	iPhone
IMG_0051.JPG				2012-07-08 12:42:03 EDT	38.891666666666666	-77.0235	78.04526748971193	iPhone
IMG_0065.JPG				2012-07-08 12:59:55 EDT	38.891666666666666	-77.0235	78.04526748971193	iPhone
IMG_0066.JPG				2012-07-08 13:00:01 EDT	38.891666666666666	-77.0235	78.04526748971193	iPhone
IMG_0067.JPG				2012-07-08 13:00:07 EDT	38.891666666666666	-77.0235	78.04526748971193	iPhone
IMG_0068.JPG				2012-07-08 13:00:12 EDT	38.891666666666666	-77.0235	78.04526748971193	iPhone
IMG_0069.JPG				2012-07-08 13:00:23 EDT	38.891666666666666	-77.0235	78.04526748971193	iPhone
IMG_0070.JPG				2012-07-08 13:02:23 EDT	38.891666666666666	-77.0235	78.04526748971193	iPhone
f0136568.jpg				2011-05-29 23:00:53 EDT	18.58866666666667	73.78066666666666		iPhone

Notice that all Latitude and Longitude metadata found in the EXIF of many of the photos (particularly those of stamps) confirm the same general location:



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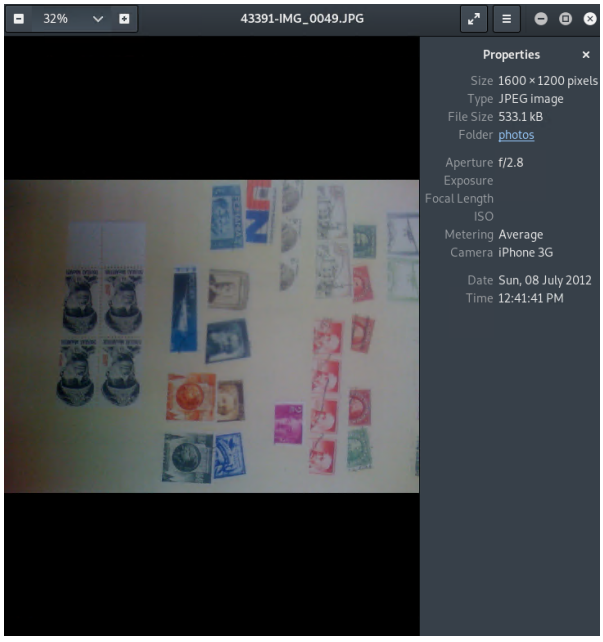
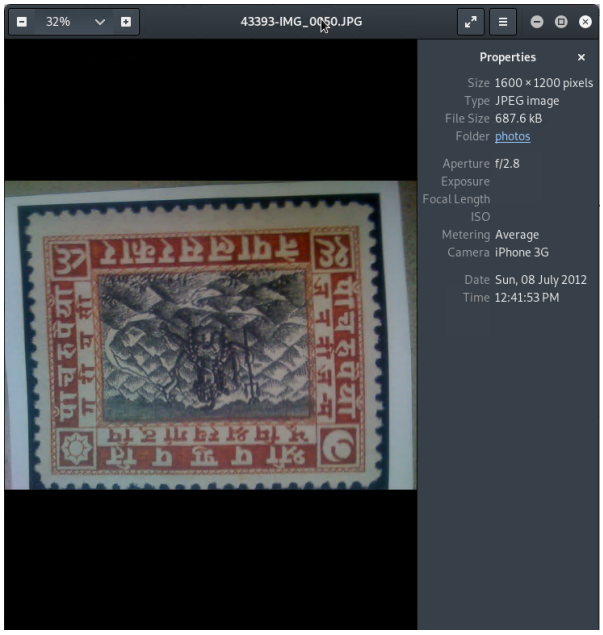
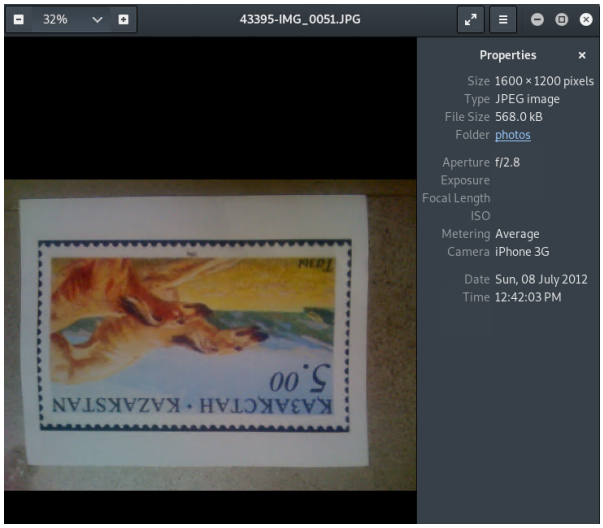
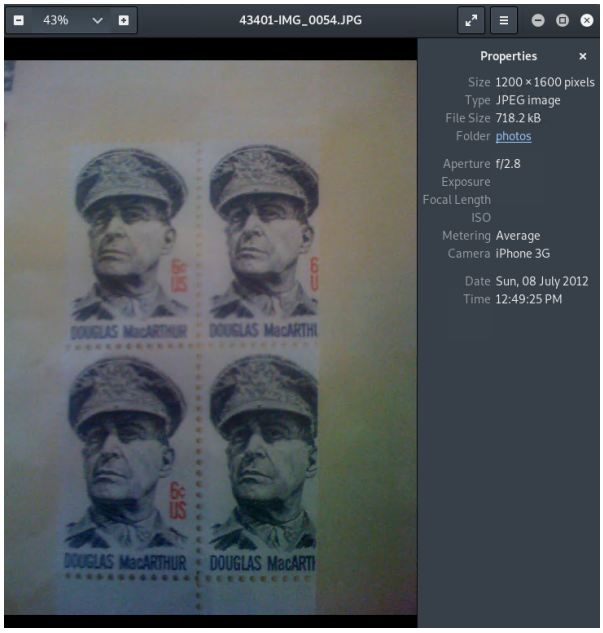
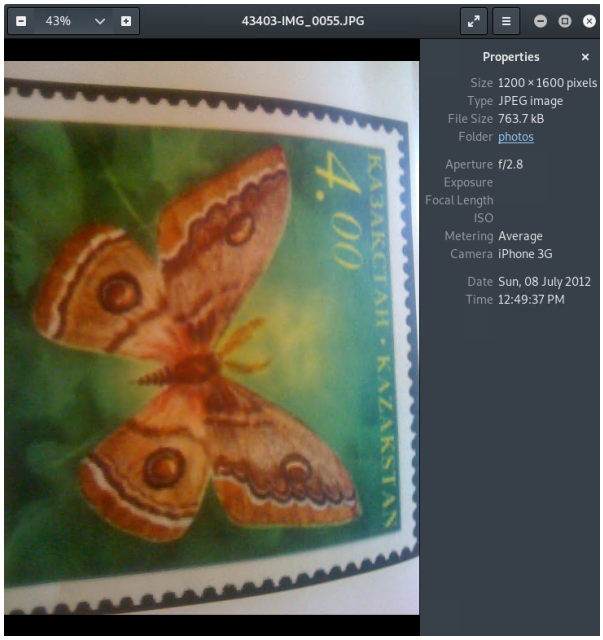
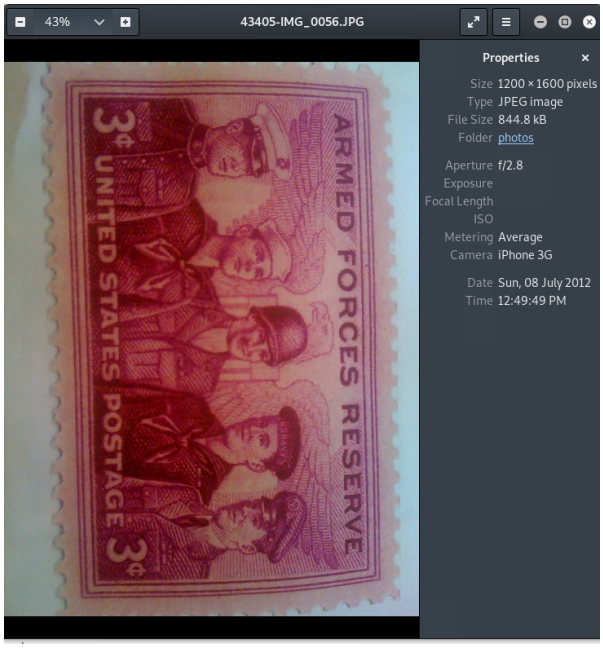
/vol_vol5/mobile/Media/DCIM/100APPLE/	

/vol_vol5/mobile/Media/DCIM/100APPLE/	
/vol_vol5/mobile/Media/DCIM/100APPLE/	

/vol_vol5/mobile/Media/DCIM/100APPLE/	
/vol_vol5/mobile/Media/DCIM/100APPLE/	

/vol_vol5/mobile/Media/DCIM/100APPLE/	
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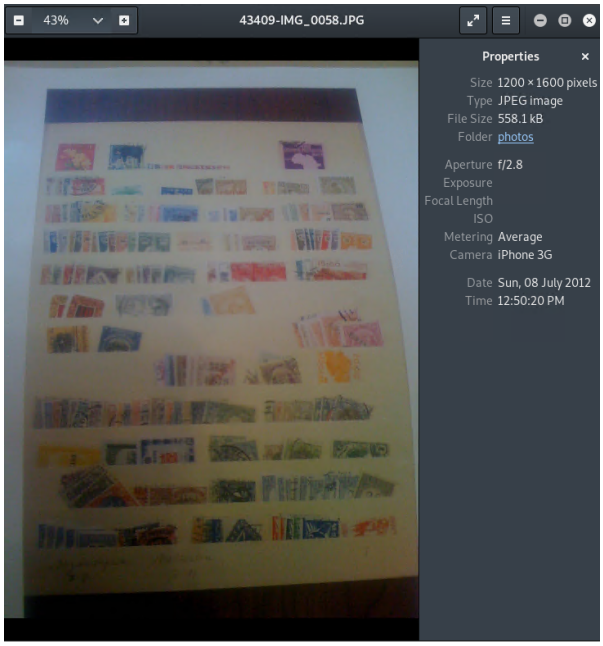
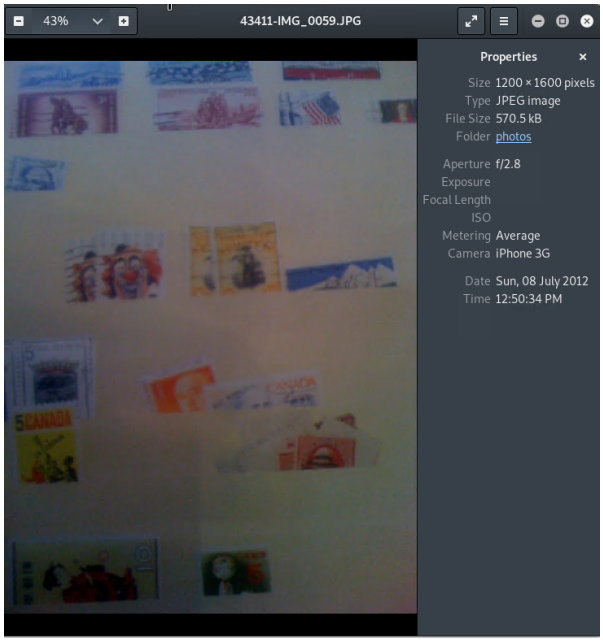
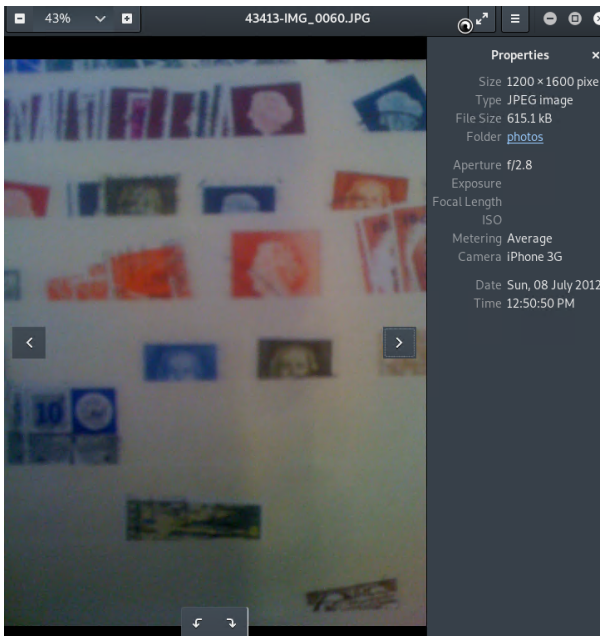
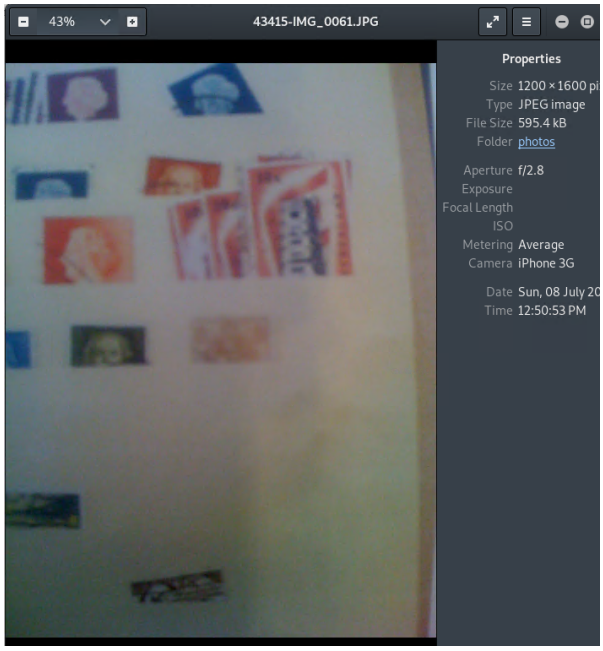
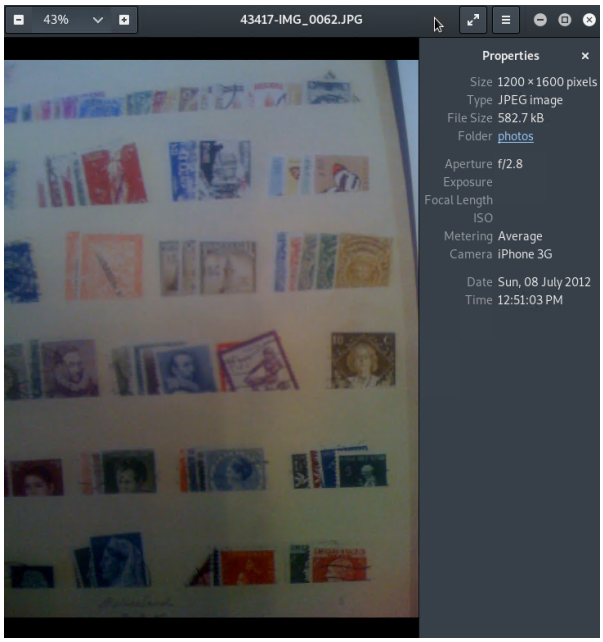
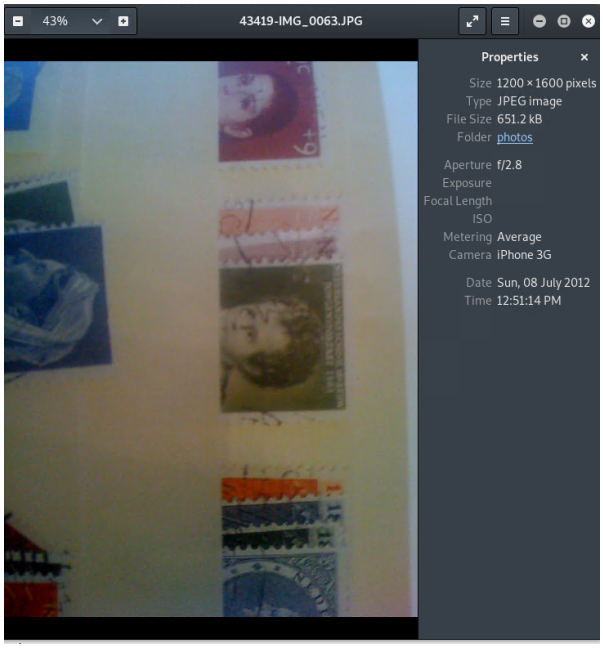
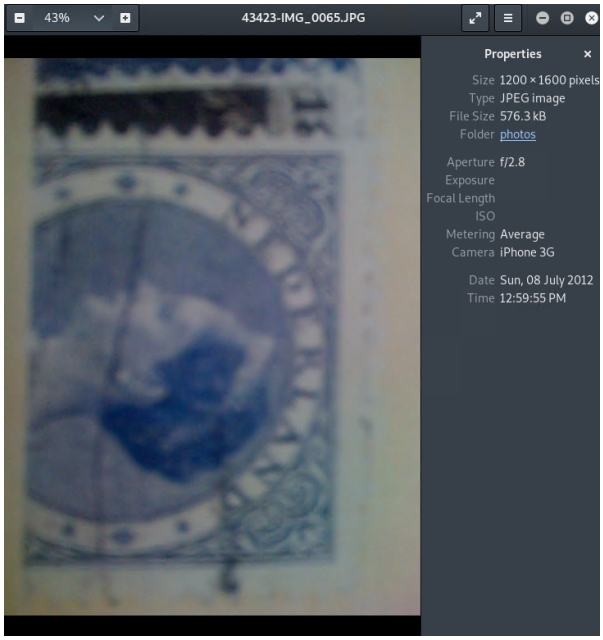
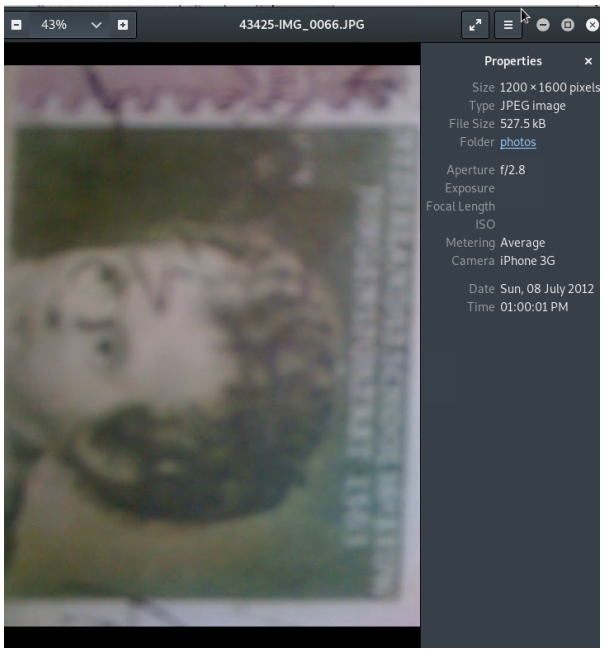
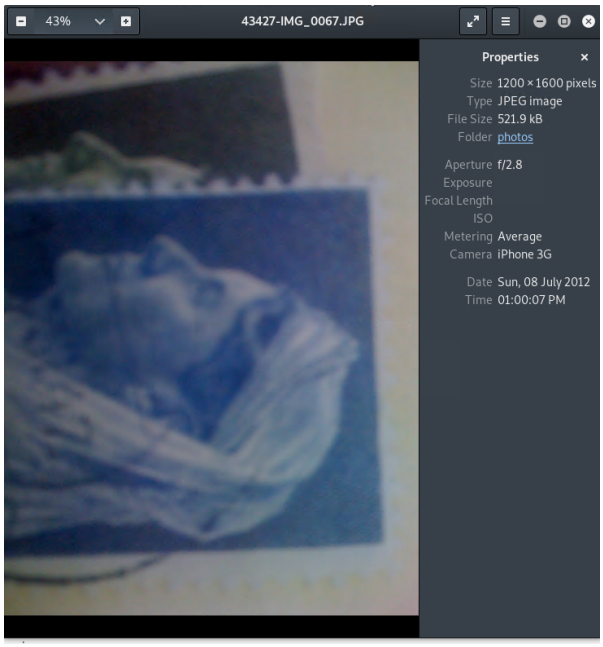
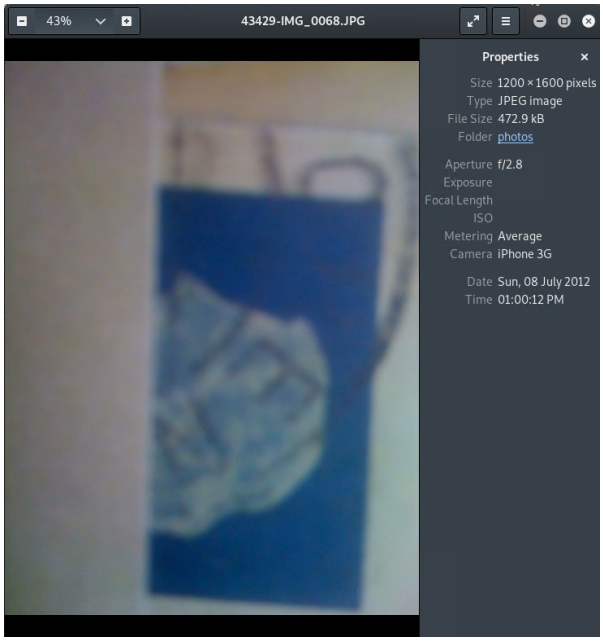
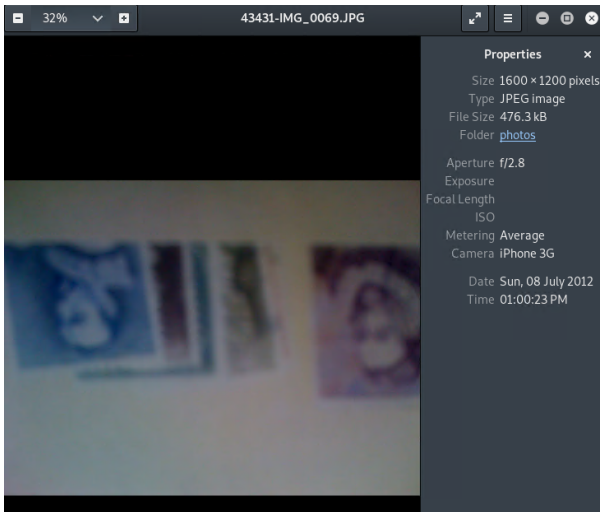
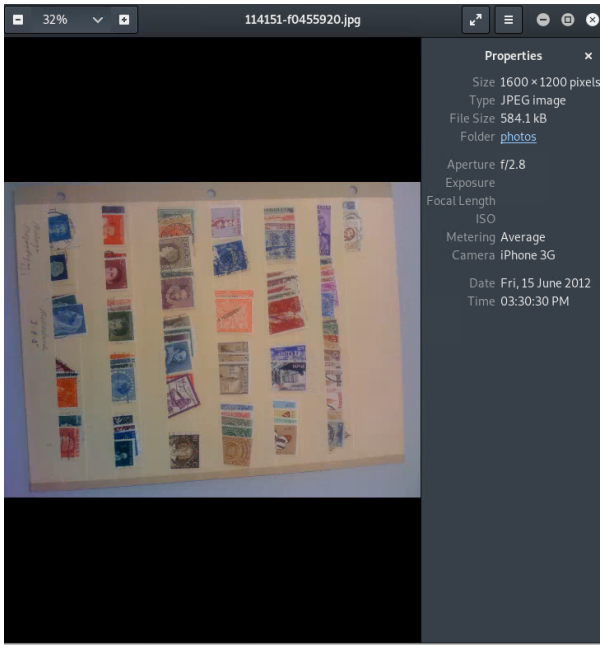
/vol_vol5/mobile/Media/DCIM/100APPLE/	
/vol_vol5/mobile/Media/DCIM/100APPLE/	

/vol_vol5/mobile/Media/DCIM/100APPLE/	
/vol_vol5/mobile/Media/DCIM/100APPLE/	

/vol_vol5/mobile/Media/DCIM/100APPLE/	
/vol_vol5/mobile/Media/DCIM/100APPLE/	

/vol_vol5/mobile/Media/DCIM/100APPLE/	
/vol_vol5/mobile/Media/DCIM/100APPLE/	

/vol_vol5/mobile/Media/DCIM/100APPLE/	
/vol_vol5/mobile/Media/DCIM/100APPLE/	

/vol_vol5/mobile/Media/DCIM/100APPLE/	
/vol_vol5/mobile/Media/DCIM/100APPLE/	

Appendix C: WiFi and GPS Location Information

GPS data can be found within the phone's navigation application, particularly within the following directory:

- /vol_vol5/mobile/Library/Maps

Here, you can find a file named **History.plist** containing the following information. As it is an Apple property list format, a tool was installed via the Kali Linux repository (plistutil) to allow viewing the data in an XML format. Note the latitude and longitude, which match the stamp location from the image EXIF data:


```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN"
"http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
	<key>HistoryItems</key>
	<array>
		<dict>
			<key>UserEndSearchProto</key>
			<data>
			CAAQABgAIAEqDENWUy9waGFybWFjeTUAAAAAQgpBbGV4YW5kcmlh
			SgJWQVIFMjIzMDJaAlVTYg1Vbml0ZWQgU3RhdGVzag8rMSA3MDMt
			OTk4LTY1NjByE2h0dHA6Ly93d3cuY3ZzLmNvbS+KAT5odHRwOi8v
			bWFwcy5nb29nbGUuY29tLz9xPUNWUy9waGFybWFjeSZjaWQ9MTk3
			MTM4Nzk3NDk2NDEyNDI4NJoBFjE1MjEgTm9ydGggUXVha2VyIExh
			bmWiARZLZXJTRzBQc2h1QngzRXRUQk1fYzFBqAGn+cESsAHqhp/b
			//////8BuAH/////B8ABAMgB/LTa0bHd8a0b2gEWMTUyMSBOb3J0
			aCBRdWFrZXIgTGFuZdoBFEFsZXhhbmRyaWEsIFZBIDIyMzAy4gEa
			Rlk5OFVBSWQwc05uLXlGOG1qWWE2OFpiR3fYDAA=
			</data>
			<key>UserStartSearchProto</key>
			<data>
			CAAQABgEIAA1AAAAAJoBCTI0dGggUmQgU6gBtIzDErABuaif2///
			////AbgB/////wfAAQDIAQDYDAA=
			</data>
			<key>HistoryItemType</key>
			<integer>1</integer>
		</dict>
		<dict>
			<key>SearchKind</key>
			<integer>2</integer>
```

```
                        <key>DisplayQuery</key>
                        <string>Cvs</string>
                        <key>Latitude</key>
                        <real>38.848236083984375</real>
                        <key>Location</key>
                        <string>Arlington</string>
                        <key>LatitudeSpan</key>
                        <integer>12420</integer>
                        <key>ZoomLevel</key>
                        <integer>16</integer>
                        <key>HistoryItemType</key>
                        <integer>0</integer>
                        <key>Query</key>
                        <string>Cvs</string>
                        <key>HasMultipleLocations</key>
                        <true/>
                        <key>Longitude</key>
                        <real>-77.081954956054688</real>
                        <key>LongitudeSpan</key>
                        <integer>13732</integer>
                </dict>
        </array>
        <key>Version</key>
        <integer>1</integer>
</dict>
</plist>
```


Additionally, the user's network preferences have been saved on the device, and the same method used to extract the GPS information above can be used to extract network data from **/vol_vol5/mobile/Library/Preferences/com.apple.preferences.network.plist**:

No idea why this is pretty much empty -- wrong preferences file?


```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN"
"http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
   <key>wifi-network</key>
   <true/>
</dict>
</plist>
```

Conclusion

Evidence found on Tracy's iPhone indicated the following:

- Tracy was using the alias Coral and her brother Pat was using the alias Perry.
- Tracy's main motive was to earn money from the stamp heist so she could pay for Terry's school tuition.
- Tracy and Pat formulated a plan to steal stamps from the National Gallery in DC
- Pat tried to get King to help him and Tracy steal the stamps.
- Tracy helped Carry smuggle a tablet into the National Gallery.