Appendix A – Mobile Device Population Data

Appendix A – contains an example/template of a dataset used for populating the internal memory of a mobile device. The format contains data element categories and subcategories within each root data element.

COULD NOT Download attachments – due to they would have been stored on an SD Card Not the phone memory.

LG Optimus HUB:
IMEI: 358688046030029
Phone Number: 6672006012

Handset Internal Memory:

<Address Book>

<Long Name (50 chars), Mobile Number>
John Jacob Jingle Heimer Schmidt That’s My Name Too
Whenever I Go Out The People Always Shout John Jacob Jingle Heimer Schmidt
, 8988675309

<Regular Name, Mobile Number, email, website, picture>
Jimi Hendrix, 7691234560, hendrix@experienced.com, website: www.jimihendrix.com

<Special Character Name, Home Number>
*, 8887771212

<Blank Name, Work Number>
, 8785551111
<Regular Name, Mobile Number, email, deleted picture, address, birthday>Stevie Ray Vaughn, 1234567890, work: stevie@srv.com, address: 1234 Main Street, Dallas, TX, SRV Birthday: October 3, 1954,

<Deleted Entry, Home Number>
John Bonham, 9878767654

<Non-ASCII Entry, Mobile Number>
阿恶哈拉, +86 35 8 763 30 07

<Non-ASCII Entry, Number>
Aurélien, +33 22 6 555 20 20

<Groups contact entry>
27 Club: Jimi Hendrix*, Stevie Ray Vaughn*, John Bonham

Note: the contact entries within the Group contain data consistent as displayed above.

<PIM Data>
<Datebook/Calendar>

<Long Title (160 chars), Date: 3-03-16, Type: Reminder>
Van halen were scheduled to perform forty shows on their 2007 tour with david lee roth after much success in the early 80s with david lee roth as their front man for van halen!!

<Regular Title, Date: 4-23-16, 6am, Location: Los Angeles Type: Meeting>
Rush concert
NOTE: Viper Room

<Deleted Entry, Date: 9-16-16, Type: Memo>
Hendrix summer of love documentary

<Entry without Title, Date: 10-10-16, Type: Reminder>

<Entry without Title, Date: 10-10-16, Type: Reminder>

<Special Char Entry, Date: 12-21-16, Type: Reminder>

! 

<Call Logs>

<Missed Calls, non-deleted>
2402528734

<Missed Calls, deleted>
3014016076

<Incoming, non-deleted>
2402528734

<Incoming, deleted>
3014016076

<Outgoing, non-deleted>
2402528734

<Outgoing, deleted>
3014016076

<Incoming SMS Messages>

<Message, status: read>
The following SMS message is a read incoming message sent from another device

<Message, status: unread>
The following SMS message is an unread incoming message sent from another device

<Deleted message>
This is a deleted incoming message sent from another device

<Message, status: read, 160 chars>
Incoming read active extended SMS message. This is an incoming SMS message that exceeds 160 characters. This message will determine if the forensic application properly reports all characters contained in the message.

<Message, status: unread, 160 chars>
Incoming unread active extended SMS message. This is an incoming SMS message that exceeds 160 characters. This message will determine if the forensic application properly reports all characters contained in the message.

<Deleted message>

Incoming deleted extended SMS message. This is a deleted incoming SMS message sent from another device to determine if the forensic application has the ability to acquire and report deleted incoming SMS messages.

<Outgoing SMS Messages>

<Message, status: active>

The following SMS message is an active outgoing message sent to another device

<Message, group>

The following SMS message is an active outgoing group message sent to multiple recipients

<Deleted message>

This is a deleted outgoing message sent to another device

<Message, status: active, 160 chars>

Outgoing active extended SMS message. This is an outgoing SMS message that exceeds 160 characters. This message will determine if the forensic application properly reports all characters contained in the message.

<Message, group 160 chars>

Outgoing active extended SMS message. This is an outgoing SMS message sent to multiple recipients that exceeds 160 characters. This message will determine if the forensic application properly reports all characters contained in the message.

<Deleted message>

Outgoing deleted extended SMS message. This is a deleted outgoing SMS message sent to another device to determine if the forensic application has the ability to acquire and report deleted outgoing SMS messages.

<Incoming MMS Messages>

NOTE: MMS Messages could not be displayed or downloaded
<Message, Audio, read>
Incoming sound byte MMS message contains the following,
Audio: Today’s Date is: Day, Date, Year

<Message, Image, unread>
Incoming image mms message contains a picture of today’s date,
Image: date

<Message, Video, read>
Incoming video message

<Stand-alone Data Files>

NOTE: The following files were only previewed thru the gmail app – unable to be downloaded and stored to the phones memory. MEMOS were also previewed.

<audio>
French.mp3 mp3 file uploaded to the mobile device

<Active Images>

<image>
emmm-girr.jpg

<homer.gif>
<Documents>

<deleted text file> Gibson.txt

<pdf file> forensics.pdf
Forensics is an emerging technology that is branching off into many different avenues (e.g., PDA Forensics, Cell Phone Forensics, Network Forensics, and Stand Alone machine Forensics.

<video>
mp4 video file uploaded to the mobile device

<deleted video>
mp4 video file uploaded to the mobile device

<Internet Data>

<Visited Sites>
www.nist.gov (Could not establish connection – this happened on a couple of other devices also)
www.mobileforensicsworld.org
www.computerforensics.com

<Bookmarked Sites>
www.cftt.nist.gov
www.cfreds.nist.gov
www.phonescoop.com (deleted)

<Email Data>
From: account1
Subject: Photos
Body: The following email contains graphic files. (three attachments)

From: account1
Subject: long memo
Body: The goal of the CFTT project at NIST is...

From: account1
Subject: video
Attachment: video.mp4

From: account1
Subject: audio file
Attachment: audio.wav

From: account1
Subject: audio file
Attachment: audio.mp3

From: account1
Subject: document.pdf
Attachment: document.pdf

From: account1
Subject: document.txt
Attachment: document.txt

<GPS Data>
Current location NIST – Searched for Directions to the Whitehouse
Turn on Geotagging and take various pictures and video.
Document location and which pictures, videos contain geotag information.