



# Extraction Report

Samsung T219

## Summary

Connection Type	Cable No. 197
Extraction start date/time	8/18/2011 12:21:26 PM
Extraction end date/time	8/18/2011 12:48:07 PM
Selected Manufacturer	Samsung GSM
Selected Device Name	SGH-T219
Unit Identifier	UFED S/N 5547666
Unit Version	1.1.7.5
UFED Physical Analyzer version	4.1.0.178
Time zone settings (UTC)	Original UTC value
Examiner name	Kailey Cozart


## Image Hash Details (2)

⚠ Hash data is available for this project.		
#	Name	Info
1	CTS	<b>Path</b> CTS(28000000-2A100000).bin <b>Size (Bytes)</b> 34603008 <b>MD5</b> 917844BC1F547CF73F90E562740DEDDD <b>SHA256</b> 05CE7F430EE0BCB0429F9201C28FCA27A44722E1BBE9ED2C75DD5F1FD6EC7667
2	MCU	<b>Path</b> MCU(18000000-19000000).bin <b>Size (Bytes)</b> 16777216 <b>MD5</b> C3B7982F3FCB760222E2A56FB24A91F5 <b>SHA256</b> 82BD12B298C80BC96A76722A16DA17B8B09203AF7A5F578D84B7AA53A8C2F599

## Plugins

#	Name	Author	Version
1	<b>Image Rename</b> Renames MemoryRanges for the benefit of other plugins in the chain	Cellebrite	2.0
2	<b>XSR Params</b> Identifies the Flash parameters of a Samsung XSR dump	Cellebrite	2.0
3	<b>XSR Reservoir</b> Decodes the Samsung XSR FTL Reservoir and extracts the XSR Partition table	Cellebrite	2.0
4	<b>XSR FTL</b> Decodes the Samsung XSR FTL	Cellebrite	2.0
5	<b>SmartFAT</b> Decodes FAT 12, 16 and 32 (File Allocation Table file system)	Cellebrite	2.0
6	<b>SamsungSMS</b> Extracts SMS from GSM samsung devices (non android)	Cellebrite	2.0
7	<b>Garbage Cleaner</b>		
8	<b>DataFilesHandler</b> Tags data files according to extensions and file signatures	Cellebrite	2.0
9	<b>ContactsCrossReference</b> Cross references the phone numbers in a device's contacts with the numbers in SMS messages and Calls. Will fill in the Name field of calls and SMS if there's a match.	Cellebrite	2.0
10	<b>Analytics</b> Generates the Analytics section information	Cellebrite	2.0

## Contents

Type	Included in report	Total
 HexBookmarks	11	11

## HexBookmarks (11)

#	Source	Offset	Length	Name	Description	Value
1	Image	0x019ddeb2	97	Draft Msg Content	Converted hex to 7Bit using PA's "show as" dropdown	hola no se si ahora es tu cumpleaños pero si es te deseo q cumplas muchos años mas. Muchos abrazos vendiciones.
2	Image	0x019dde6c	1	Draft Status Flag	We discovered that Draft has ending byte of 07 in hex by looking at known values from messages that have already been parsed. We searched for non-highlighted msgs that had the 07 flag.	07
3	Image	0x019ddeaa	7	Draft Timestamp	Converted to 6/15/2007 8:01:24 AM from hex using PA's values tab for PDU SMS Time.	70 60 51 80 10 42 FF
4	Image	0x019ddab4	123	Inbox Msg Content	Inbox message content converted from hex into 7Bit (Normal 0 bit offset) by PA.	Your T-Mobile bill is past due. To avoid service interruption, please make a payment by dialing *7001 or 1-888-263-4388 or via T-Mobile.com.
5	Image	0x019dda90	6	Inbox Number	Decoded as +1646622 by PA's values tab under Sender/Receiver SMS number.	07 91 61 64 26 02
6	Image	0x019dda8e	1	Inbox Status Flag	We discovered that Inbox has ending byte of 01 in hex by studying known, parsed values. We searched for nonhighlighted msgs that had the 01 flag.	01
7	Image	0x019ddaac	7	Inbox Timestamp	Converted hex timestamp to 7/14/2007 9:17:51 AM using PA's Values tab for PDU SMS time	70 70 41 90 71 15 8A
8	Image	0x019ddb77	60	Sent Msg Content	The content reads: "hà que gane el mejor.suerte me invitan a celebrar, me aguardan algo." Converted from hex to 7Bit (Normal - 3 bits offset) using PA's Values tab. Because of the 3 bit offset, we could not use the "show as" tab to convert the hex values.	44 FF 41 F1 7A 19 74 0E BB CB A0 32 1B D4 2E AB DF 72 D7 BC 5E 96 D3 CB A0 76 19 94 76 DB D3 F4 B0 1B 14 06 8D CB EC B2 58 1E 96 B3 40 ED 32 28 7C AE 87 E5 E4 B0 1B 14 66 9F DF 2E
9	Image	0x019ddb64	6	Sent Phone Number (To Number)	Decoded as 326-9686 in PA's values tab under Sender/Receiver SMS number.	07 81 23 96 86 F6
10	Image	0x019ddb54	1	Sent Status Flag	We discovered that Sent has ending byte of 05 in hex by looking at messages that have already been parsed. We searched for non-highlighted msgs that had the 05 flag.	05
11	Image	0x019ddb71	7	Sent Timestamp	Converted to 7/7/2011 3:11:09 PM using PA's Value's tab under PDU SMS time.	11 70 70 51 11 90 44