DRAFT





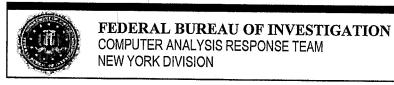
## FEDERAL BUREAU OF INVESTIGATION COMPUTER ANALYSIS RESPONSE TEAM NEW YORK DIVISION

## **EXAMINATION NOTES**

Examiner:	SA/FET Virginia Donnelly (VD) ITS/SFE Brian Booth (BB)	UCFN:	50A-NY-2233091
Case Agent:	SA Michael Lever, (Squad: C-2)	Submission ID:	196317
Phone:	(212) 384-3245		NXIVM; KEITH RANIERE (Subjects);
Date Assigned:	05/21/2018	Legal Authority:	Search and Seizure Warrant

Item #	Date	Init	Notes
	08/08/18	VD	Legal Authority Reviewed:
			Search and Seizure Warrant and Request Form reviewed.
			BEGIN EXAM
NYC023721 _1B16 NYC023722 _1B19 NYC023723 _1B23 NYC023724 _1B26  NYC023725 _1B27 NYC023725 _1B27-1 NYC023725 _1B27-2  NYC023726 _1B28 NYC023727 _1B31 NYC023728 _1B32 NYC023729 _1B33 NYC023729 _1B33 NYC023730 _1B41 NYC023731 _1B43 NYC023732 _1B43 NYC023732 _1B50	08/08/18	VD	Receipt of Evidence:  Evidence received directly from Case Agent.  E6261242 - 1B16 Western Digital external hard drive, dark gray, 500GB, model: WD5000P032, serial number (s/n): WCAS81365334, affixed barcode and designated as NYC023721_1B16.  Evidence received in brown paper bag sealed with evidence tape.  E6261245 - 1B19 Amazon Kindle, white, model: D00611,s/n: B00418219322086, affixed barcode and designated as NYC023722_1B19.  Evidence received in brown paper bag sealed with evidence tape. Item contained in black cover.  E6261247 - 1B23 Toshiba USB drive, silver, 4GB, model: U3 Smart, unique identifier: 6491J90506BM8K1, affixed barcode and designated as NYC023723_1B23.  Evidence received in brown paper bag sealed with evidence tape. Key attached to USB drive.  E6261250 - 1B26 Western Digital external hard drive, white, 1TB, model: WD10000H1NC-00, s/n: WCAU47036371, affixed barcode and designated as NYC023724_1B26.  Evidence received in brown paper bag sealed with evidence tape.  E6261251 - 1B27 Lenovo ThinkCentre M77 tower, black, model: A5U, s/n: MJREEDN, affixed barcode and designated as NYC023725_1B27.  Containing: One (1) Western Digital hard drive, 500GB, model: WD5000AAKX, s/n: WMAYUX846984, designated as NYC023725_1B27-1.  Containing: One (1) Seagate hard drive, 2TB, model: ST2000DM001, s/n: S1E0GFDN, designated as NYC023725_1B27-2.
			Tower was sealed with evidence tape.

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### **EXAMINATION NOTES**

Power co	ord was	taped	to	tower.
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E6261252 - 1B28 Lacie external hard drive, silver, 500GB, model: 300964U, s/n: 164400534, affixed barcode and designated as NYC023726 1B28.

Evidence received in a red accordion folder sealed with evidence tape.

E6261239 - 1B31 ULTRA USB 2.0 Storage High Speed drive enclosure, black, no unique identifiers, affixed barcode and designated as NYC023727\_1B31.

Containing: Seagate hard drive, 120GB, model: ST9120821AS, s/n: 5PL0WPQC.

Evidence received in a clear plastic bag sealed with evidence tape. Mini USB 2.0 cord provided.

Item missing two (2) screws on each side, thus a total of four (4) screws.

Western Digital external hard drive, black, 1TB, product number (p/n): WDBAAH0010HCH-00, s/n: WCAV54873732, affixed barcode and designated as NYC023728\_1B32.

Evidence received in brown paper bag sealed with evidence tape. Digital screen reads "PICTURES 09."

E6261237 – 1B33 Echo, black, 8GB, no unique identifiers, affixed barcode and designated as NYC023729\_1B33. Evidence received in brown paper bag sealed with evidence tape. Item was in a black case with a micro USB 2.0 cord along with other accessories.

E6280005 - 1841 Lacie external hard drive, silver, 1TB, unique ID: 300798U, s/n: 154107441, affixed barcode and designated as NYC023730\_1B41.

Evidence received in a red accordion folder sealed with evidence tape. Item has a brown substance on the bottom.

Lexar Compact Flash Card, 256MB, p/n: 2250, Unique ID: 3884256AC2806A20A, affixed barcode and designated as NYC023731\_1B43.

Evidence received in a clear plastic bag sealed with evidence tape.

E6280003 - 1B50 Apple iPod, black/silver, back has decorative skin, 100 GB, no visible unique identifiers, model: MA450LL, s/n: 8K7278QGV9R, affixed barcode and designated as NYC023732\_1B50.

Evidence received in brown paper bag sealed with evidence tape. Item was in a black case with accessories. Back of item has sticker



			Forensic Exam Station F2552510 (s/n: H09381A020H) is a MAC Pro/2.26 Model A1289 running Windows 10 Enterprise 64-bit Operating System with 32GB RAM and 2 Intel Xeon E5520 processors.		
	09/13/18	VD	Performance Verification: Forensic Exam Station F2630035 posted correctly. Forensic Exam Station F2673128 posted correctly.		
Staging Drive 1	09/12/18	VD	Staging Drive: One forensically wiped Western Digital hard drive, 2TB, model: WD20EARX, s/n: WCAZAE561750, was formatted with New Technology File System (NTFS). This drive will be utilized for staging images.		
Staging Drive 2	09/12/18	VD	Staging Drive: One forensically wiped Western Digital hard drive, 2TB, model: WD20EARX, s/n: WCAZAJ020571, was formatted with New Technology File System (NTFS). This drive will be utilized for staging images.		
NYC023725 _1B27-1 Staging Drive 1 NYC023725 _1B27- 1.E01	09/12/18	VD	Preserve Evidence: Image NYC023725_1B27-1 was imaged using a Tableau TD3 Forensic Imager, model: TD3-B, s/n: 01D3B0A6, to Staging Drive 1.		



### **EXAMINATION NOTES**

		covering entire back.		
		These additional items were included but will not be examined by CART at this time:		
		E6261253 - 1B29 Apple AirPort Extreme Base Station, white, model: A1354, s/n: 6F1169XWACC. Evidence received in brown paper bag sealed with evidence tape. Power cord provided.		
		E6261236 - 1B34 Ubee Cable Modem/Router, white/blue, model: DDW3611, s/n: B831U27000562. Evidence received in brown paper bag sealed with evidence tape. Power cord provided.		
		E6261235 - 1B35 Netgear N600 Wireless Dual Band Router, black/silver, model: WNDR3400, s/n: 2BK3117S22DD3. Evidence received in brown paper bag sealed with evidence tape.		
00/00/10				
08/08/18	VD	Administrative note:  Met Case Agent SA Michael Lever and SA Delise Jeffrey to discuss case while they dropped off the evidence. Agents asked CART to image items first and process later in order to provide copies of the images to AUSA. Agents then requested CART complete a standard exam process for the evidence provided. No specific additional analysis was requested.		
09/10/18	VD	Administrative Note: Met with CA to discuss evidence items. CA was informed that routers would contain IP addresses and that Computer Scientists usually handle this type of item. CA stated to not image or process the routers.		
09/13/18	VD	Case Volume Creation: A new case volume was created on NYCART-FS (\\NYCART-FS\cases02\NY-2233091_196817) using the Case Administration Tool v1.15.0.11. and mounted to Forensic exam station, hereinafter referred to as CASE VOLUME.		
09/13/18	VD	Equipment: Forensic Exam Station F2630035 (s/n: H01290MGEUH) is a MAC Pro/2.4 Model A1289 running Windows 10 Enterprise 64-bit Operating System with 28GB RAM and 2 Intel Xeon E5620 processors.		
		Forensic Exam Station F2673128 (s/n: CMVJ11M7F4MH) is a MAC Pro/2.4 Model A1289 running Windows 10 Enterprise 64-bit Operating System with 24GB RAM and 2 Intel Xeon E5645 processors.		

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# **EXAMINATION NOTES**

	T		
			Chunk size in bytes: 2,147,483,648 (2.1 GB) Chunks written: 54 Filename of first chunk: 2018-09-12_11-04-14/NYC023725_1B27-1.E01 Total errors: 0
			Acquisition MD5: 5c4aead15ef34a54ddcd558dc2f7f947
			Readback Verification Results
			Verification MD5: 5c4aead15ef34a54ddcd558dc2f7f947 Status: Verified
Staging Drive 1 NYC023725 _1B27- 1.E01	09/18/18	VD	Using Forensic Exam Station F2630035 and Tableau eSATA Forensic Bridge write blocker, model: T35es-R2, s/n: 3135D086, copy images of NYC023725_1B27-1 from Staging Drive 1 to CASE VOLUME.
NYC023725	00/10/10	1/15	
_1B27-	09/19/18	VD	Copy was verified using FTK® Imager 4.2.0.13.
1.E01			Examiner created NYC023725_1B27-1.E01.txt to CASE VOLUME to retain logs.
			Image Verification Results:
			Verification started: Wed Sep 19 08:15:52 2018
			Verification finished: Wed Sep 19 09:53:23 2018
	748		MD5 checksum: 5c4aead15ef34a54ddcd558dc2f7f947 : verified
NYC023725 _1B27-2 Staging Drive 1	09/12/18	VD	Preserve Evidence: Image Attempted to image NYC023725_1B27-2 using a Tableau TD3 Forensic Imager, model: TD3-B, s/n: 01D3B0A6, to Staging Drive 1. Drive inoperable.
NYC023725	09/21/18	VD	Connected NYC023725_1B27-2 to Tableau TX1 Forensic Imager, version:
_1B27-2	:		1.2.0, s/n: 000ecc5801109b. Drive inoperable. Cooled drive to a lower temperature. Connected NYC023725_1B27-2 to Tableau TD3 Forensic Imager, model: TD3-B, s/n: 01D3B0A6. Drive inoperable.
NYC023725 _1B27-2	09/21/18	VD	Administrative Note: Notified CA that drive was inoperable. CA not interested in sending drive to HQ at this time. No further processing to be conducted at this time.
NYC023727 _1B31	09/11/18	VD	Preserve Evidence: Image NYC023727_1B31 was imaged using a Tableau TX1 Forensic Imager,

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	T	<del></del>	
Staging			version: 1.2.0, s/n: 000ecc5801109b, to Staging Drive 2.
Drive 2			Errors encountered but image successful.
Diive 2			First attempt to image with TD3 was unsuccessful.
Image.E01			Source Disk
			Interface: SATA
			Model: ATA ST9120821AS
			Firmware revision: 7.01
			Serial number: 5PL0WPQC
			Capacity in bytes: 120,034,123,776 (120.0 GB)
			Block Size: 512 bytes
			Block Count: 234,441,648
			Power-ON Block Count: 234,441,648
		1	HPA Block Count: 234,441,648
			DCO Block Count: 234,441,648
			Encrypted: No
			Error granularity: 32,768 bytes
			Imaging
		Ì	Output file format: E01
			Chunk size in bytes: 2,000,000,000 (2.0 GB)
			Image Destination
			Interface: SATA
			Model: WDC WD20EARX-00PASB0 Firmware revision: 51.0AB51
			Serial number: WD-WCAZAJ020571
			Capacity in bytes: 2,000,398,934,016 (2.0 TB)
			Block Size: 512 bytes
			Block Count: 3,907,029,168
			Power-ON Block Count: 3,907,029,168
			HPA Block Count: 3,907,029,168
			DCO Block Count: 3,907,029,168
			Encrypted: No
			Folder: /tx1_images/
			File name base: image
			Verification Status: Finished OK
·			Verification Md5: bdcc 8a77 2491 4693 2587 181e 0e1a 2c0d
			I BA Pango Duplicated, Entire Source Piel
	]		LBA Range Duplicated: Entire Source Disk Total errors: 200
			Acquisition Md5: bdcc 8a77 2491 4693 2587 181e 0e1a 2c0d
			Leading and page od / 7-121 -1022 520/ Tota nata 5000
Staging	09/20/18	VD	Using Forensic Exam Station F2630035 and Tableau eSATA Forensic Bridge
Drive 2			write blocker, model: T35es-R2, s/n: 3135D086, copy images of
			NYC023727_1B31 (image.E01) from Staging Drive 2 to CASE VOLUME.
Image.E01			
			Copy was verified using FTK® Imager 4.2.0.13.
		1	Examiner created image.E01.txt to CASE VOLUME to retain logs.
	l	L	



	·		
			Image Verification Results: Verification started: Thu Sep 20 08:53:11 2018 Verification finished: Thu Sep 20 09:44:37 2018 MD5 checksum: bdcc8a77249146932587181e0e1a2c0d: verified
		<del>                                     </del>	
		<del> </del>	
NYC023723 _1B23 Staging Drive 1 NYC023723 _1B23.E01	09/13/18	VD	Preserve Evidence: Image NYC023723_1B23 was imaged using a Tableau TD3 Forensic Imager, model: TD3-B, s/n: 01D350ED, to Staging Drive 1.
			Output file format: E01 - EnCase format Chunk size in bytes: 2,147,483,648 (2.1 GB) Chunks written: 2 Filename of first chunk: 2018-09-13_08-44-54/NYC023723_1B23.E01 Total errors: 0 Acquisition MD5: dd5fcb5d670976ca749c35d14bba7f8eReadback Verification Results Verification MD5: dd5fcb5d670976ca749c35d14bba7f8e Status: Verified
Staging Drive 1 NYC023723	09/19/18	VD	Using Forensic Exam Station F2630035 and Tableau eSATA Forensic Bridge write blocker, model: T35es-R2, s/n: 3135D086, copy images of NYC023723_1B23 from Staging Drive 1 to CASE VOLUME.
_1B23.E01			Copy was verified using FTK® Imager 4.2.0.13.
			COPY Was verified using FINE THIAGET 4.2.0.15.



	T	T	F
			Examiner created NYC023723_1B23.E01.txt to CASE VOLUME to retain logs.
		ŀ	Image Verification Results:
			Verification started: Wed Sep 19 14:00:29 2018
			Verification finished: Wed Sep 19 14:00:29 2018  Verification finished: Wed Sep 19 14:02:18 2018
			MD5 checksum: dd5fcb5d670976ca749c35d14bba7f8e : verified
			dastessas, 45c35a14bba7f6e . Verified
NYC023730	09/13/18	VD	Preserve Evidence: Image
_1B41			NYC023730_1B41 was imaged with Forensic Exam Station F2630035
NIVCODOZDO			using a Tableau Forensic USB Bridge, model: T8-R2, s/n: 0208710F and a
NYC023730			AccessData® FTK® Imager 4.2.0.13, to the CASE VOLUME.
_1B41.E01		!	BON .
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			<u>File View M</u> ode <u>H</u> elp
			969962H =
			Evidence Tree
			⊕ 😩 \\\PHYSICALDRIVE2
			LaCie Disk [953899MB]
			☐ ☐ LaCie Disk [HFS+] ☐ [unallocated space]
			LaCie Disk
ļ			HFS+ Private Data
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			HFS+ Private Directory Data  ⇒ Spotkight-V100
			TemporaryItems
			. Trashes
			LeCie Storage Litities
			# Music
			The Volume Settings Folder
			Trash  Week 2005 my
			Unpartitioned Space [Apple]



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			Evidence Source Path	
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			☐ Drive Geometry	
			Cylinders	
			Tracks per Cylinder	
			Sectors per Track	
			Bytes per Sector	
			Sector Count	
			☐ Physical Drive Information	
			Drive Model	Let ATT gar in a tituline
			Drive Serial Number	The state of the s
		-	Drive Interface Type	
			Removable drive	
			Program shutdown before	e completion.
****				
NYC023730	09/14/18	VD	Restart image process.	
_1B41		İ	NYC023730_1B41 was	imaged with Forensic Exam Station F2630035
			using a Tableau Forensic	USB Bridge, model: T8-R2, s/n: 0208710F and a
NYC023730			AccessData® FTK® Im	ager 4.2.0.13, to the CASE VOLUME.
_1B41.E01				G and G and G and G Collie.
_			Physical Evidentiary Item	(Source) Information:
			[Device Info]	(Course) Information.
			Source Type: Physical	
			[Drive Geometry]	
			Cylinders: 121,605	
			Tracks per Cylinder: 255	
			Sectors per Track: 63	
			Bytes per Sector: 512	
			Sector Count: 1,953,588	
			[Physical Drive Information	
			Drive Model: LaCie Bi gg	
			Drive Serial Number: A7	
			Drive Interface Type: US	
			Removable drive: False	_
			Source data size: 95390	) MB
			Sector count: 1953588	
İ			[Computed Hashes]	7 <b>८८</b> 4
				000-4407000
			Image Verification Description	939e1107220aa5dd1a39fb04767
			Image Verification Results:	44.00.00.00.00.00
			Verification started: Fri Se	0 14 22:38:22 2018
			Verification finished: Sat Se	P 15 U5:19:25 2018
			mps checksum: 0/01493	9e1107220aa5dd1a39fb04767 : verified
	ļ		A Disastema (File 1 int	
<u> </u>		l	A Directory/File Listing	was generated when evidence was imaged using



### **EXAMINATION NOTES**

			FTK® Imager 4.2.0.13. Listing file is co-located along with the respective image files. Listing contains filename, full path, modified date/time stamp, created (change) date/time stamp, and accessed date/time stamp.  Directory listing created and saved as NYC023730_1B41.E01.csv within CASE VOLUME.
NYC023721 _1B16 NYC023721 _1B16.E01	09/13/18	VD	Preserve Evidence: Image NYC023721_1B16 was imaged with Forensic Exam Station F2673128 using a Tableau Forensic USB Bridge, model: T8-R2, s/n: 020870B7, and AccessData® FTK® Imager 4.2.0.13, to the CASE VOLUME.

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			Evidence Source Path	
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			☐ Drive Geometry	
			Cylinders	
		İ	Tracks per Cylinder	
			Sectors per Track	
			1	
			Bytes per Sector Sector Count	
			☐ Physical Drive Information	•
			Drive Model	2.17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			Drive Serial Number	Company of the Compan
	İ		Drive Interface Type	1768
			Removable drive	
			7	
			151	
			1st attempt never went past	preparing for imaging.
NYC023721	09/14/18	VD	Postart image process	
_1B16	05/1-1/10	10	Restart image process.  Not reading the drive.	
			Not reading the drive.	
	09/19/18	VD	Onen source search revealed	Wostorn Digital range and the
	1	1 -	of NYC023721 1B16 from W	Western Digital renamed the model number D5000P032 to WDG1C5000N. Item name is
			"My Book Premium Edition."	D3000F032 to WDG1C3000N. Item name is
			try book from an Edition.	
NYC023721	09/19/18	VD	NYC023721 1B16 was ima	aged with Forensic Exam Station F2673128
_1B16			using a Tableau Forensic USI	B Bridge, model: T8-R2, s/n: 020870B7, and
			AccessData® FTK® Image	er 4.2.0.13, to the CASE VOLUME.
NYC023721				, to the original volority.
_1B16.E01			Physical Evidentiary Item (So	ource) Information:
			[Device Info]	, , , , , , , , , , , , , , , , , , , ,
			Source Type: Physical	
			[Drive Geometry]	
			Cylinders: 60,801	
		ĺ	Tracks per Cylinder: 255	
			Sectors per Track: 63	
	]		Bytes per Sector: 512	
			Sector Count: 976,773,168	
			[Physical Drive Information]	
			Drive Model: WD 5000A A E	xternal USB Device
			Drive Serial Number: 57442	D57434153383133
			Drive Interface Type: USB	
	<u> </u>		Removable drive: False	



	·	,	
			Source data size: 476940 MB
		1	Sector count: 976773168
		ľ	[Computed Hashes]
			MD5 checksum: 7aa8f3297f288252ed69ffd983725b5e
			Image Verification Results:
,			Verification started: Wed Sep 19 15:37:01 2018
			Verification finished: Wed Sep 19 20:09:15 2018
			MD5 checksum: 7aa8f3297f288252ed69ffd983725b5e : verified
			, addises, reducing the control of t
			A <b>Directory/File Listing</b> was generated when evidence was imaged using <b>FTK® Imager 4.2.0.13.</b> Listing file is co-located along with the respective image files. Listing contains filename, full path, modified date/time stamp, created (change) date/time stamp, and accessed date/time stamp.
			Directory listing created and saved as NYC023721_1B16.E01.csv within CASE VOLUME.
			` i i i i i i i i i i i i i i i i i i i
l			
NYC023731	09/14/18	VD	Preserve Evidence: Image
NYC023731 _1B43	09/14/18	VD	NYC023731_1B41 was imaged with Forensic Exam Station F2552510
_1B43	09/14/18	VD	NYC023731_1B41 was imaged with Forensic Exam Station F2552510
I .	09/14/18	VD	
_1B43 NYC023731	09/14/18	VD	NYC023731_1B41 was imaged with Forensic Exam Station F2552510 using a Digital Intelligence USB 3.0 Forensic Card Reader, SKU# W2525.
_1B43 NYC023731	09/14/18	VD	NYC023731_1B41 was imaged with Forensic Exam Station F2552510 using a Digital Intelligence USB 3.0 Forensic Card Reader, SKU# W2525, and AccessData® FTK® Imager 4.2.0.13, to the CASE VOLUME.
_1B43 NYC023731	09/14/18	VD	NYC023731_1B41 was imaged with Forensic Exam Station F2552510 using a Digital Intelligence USB 3.0 Forensic Card Reader, SKU# W2525, and AccessData® FTK® Imager 4.2.0.13, to the CASE VOLUME.
_1B43 NYC023731	09/14/18	VD	NYC023731_1B41 was imaged with Forensic Exam Station F2552510 using a Digital Intelligence USB 3.0 Forensic Card Reader, SKU# W2525, and AccessData® FTK® Imager 4.2.0.13, to the CASE VOLUME.  File View Mode Help  O G S G G G G  Evidence Tree
_1B43 NYC023731	09/14/18	VD	NYC023731_1B41 was imaged with Forensic Exam Station F2552510 using a Digital Intelligence USB 3.0 Forensic Card Reader, SKU# W2525, and AccessData® FTK® Imager 4.2.0.13, to the CASE VOLUME.  Eile View Mode Help  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Eile View Mode Help  Evidence Tree  Partition 1 [245MB]  Partition 1 [245MB]
_1B43 NYC023731	09/14/18	VD	NYC023731_1B41 was imaged with Forensic Exam Station F2552510 using a Digital Intelligence USB 3.0 Forensic Card Reader, SKU# W2525, and AccessData® FTK® Imager 4.2.0.13, to the CASE VOLUME.  Eile View Mode Help  Evidence Tree  Partition 1 [245MB]  Partition 1 [245MB]  Image: Moname [FAT16]  Image
_1B43 NYC023731	09/14/18	VD	NYC023731_1B41 was imaged with Forensic Exam Station F2552510 using a Digital Intelligence USB 3.0 Forensic Card Reader, SKU# W2525, and AccessData® FTK® Imager 4.2.0.13, to the CASE VOLUME.  Eile View Mode Help  Evidence Tree  Partition 1 [245MB]  Partition 1 [245MB]  RONAME [FAT16]  MPGLANG1
_1B43 NYC023731	09/14/18	VD	NYC023731_1B41 was imaged with Forensic Exam Station F2552510 using a Digital Intelligence USB 3.0 Forensic Card Reader, SKU# W2525, and AccessData® FTK® Imager 4.2.0.13, to the CASE VOLUME.  Eile View Mode Help  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Eile View Mode Help  Evidence Tree  Partition 1 [245MB]  Partition 1 [245MB]  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence USB 3.0 Forensic Exam Station F2552510  Evidence Tree  Digital Intelligence U



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			*
	Evidence Source Path Evidence Type	· · · · · · · · · · · · · · · · · · ·	
	□ Disk		
	☐ Drive Geometry		and the second s
	Cylinders		
	Tracks per Cylinder		
	Sectors per Track		
	Bytes per Sector		
	Sector Count		
	티 Physical Drive Information		
	Drive Model	week to the Maria August To the Control of the con-	
	Drive Serial Number		
*	Drive Interface Type		
•	Removable drive		
		W**	
	Drive Serial Number: 201 Drive Interface Type: USE Removable drive: True Source data size: 246 MB Sector count: 503808 [Computed Hashes]	B3.0 CRW-CF/MD USB Device 2062914345300 3	,
	A Directory/File Listin FTK® Imager 4.2.0.13 respective image files w	ep 14 10:08:57 2018 ep 14 10:09:05 2018 o0b99f598ba60e1ae3a1e591b38 : ve ng was generated when evidence 3. Listing file is co-located along ithin the CASE VOLUME. Listing of time stamp, created (change) da	was imaged using with the



### **EXAMINATION NOTES**

	T		T	
NYC023728 _1B32 NYC023728 _1B32.E01	09/14/18	VD	Exam Station F2673128 using a	d with Forensic Exam Station Forensic Tableau Forensic USB Bridge, model: T8- Data® FTK® Imager 4.2.0.13, to the
				•
			AccessData FTK Imager 4.2.0.13	
			<u>File View M</u> ode <u>H</u> elp	
				The state of the s
			Evidence Tree	
			Partition 1 [953198MB]  Temporal My Book [HFSX]  [unallocated space]  D00168985  D34784603  HFS- Private Data  feeventsd  HFS- Private Directory Data  Spettight-V100  Trashes  Backups.backupdb  Unpartitioned Space [basic disk]  [unallocated space]	
			32 2↓	
			The state of the s	the Collection of the Army School Sch
ļ			Evidence Source Path	Compared to the Compared Compa
			Evidence Type	\$4.0 - W. J. B
			⊟ Disk	
			☐ Drive Geometry	
			Cylinders	
			Tracks per Cylinder	
	į		Sectors per Track	4
			Bytes per Sector	
	ĺ		Sector Count	Hartista.
·			☐ Physical Drive Information	
			Drive Model	Superior State of the State of
			Drive Serial Number	The state of the s
			Drive Interface Type	S. (2)
			Removable drive	A ST A
			Physical Evidentiary Item (Sourc	e) Information:

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## **EXAMINATION NOTES**

			[Device Info] Source Type: Physical [Drive Geometry] Cylinders: 121,515 Tracks per Cylinder: 255 Sectors per Track: 63 Bytes per Sector: 512 Sector Count: 1,952,151,552 [Physical Drive Information] Drive Model: WD My Bo ok 1111 USB Device Drive Serial Number: 57434156353438373337 Drive Interface Type: USB Removable drive: False Source data size: 953199 MB Sector count: 1952151552 [Computed Hashes] MD5 checksum: 6ce5db0fcdc512ac9dc635dd17068a12  Image Verification Results: Verification started: Sat Sep 15 00:31:12 2018 Verification finished: Sat Sep 15 03:17:38 2018 MD5 checksum: 6ce5db0fcdc512ac9dc635dd17068a12 : verified  A Directory/File Listing was generated when evidence was imaged using FTK® Imager 4.2.0.13. Listing file is co-located along with the respective image files. Listing contains filename, full path, modified date/time stamp, created (change) date/time stamp, and accessed date/time stamp. Directory listing created and saved as NYC023728_1B32.E01.csv within CASE VOLUME.
<u> </u>			
NYC023732 _1B50	09/14/18	VD JC	Preserve Evidence: Extraction Powered on device 09/14/2018 at approximately 12:00noon. No pin associated with device. Settings identifies the device as "Keith's iPod." Changed Backlight Timer from 10 seconds to Always On.
			Using Forensic Exam Station F2552510: UFED 4PC 7.8.0.942 Did not recognize device.
			UFED Physical Analyzer 7.1.0.106 Did not recognize device.
			Under the guidance of ITS/SFE John Chan, attempted iPEX 2.1.8 and iPhAT 1.13.0. Did not recognize device.

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V-61-1-1-1-1-1-1-1	<u> </u>	I	
NYC023732 _1B50	09/21/18	ВВ	Preserve Evidence: Extraction Using Forensic Exam Station F5405659 XRY 7.8 Physical- Successful  Called CA to notify that XRY was working on device.
NYC023726 _1B28 NYC023726 _1B28.E01	09/17/18	VD	Preserve Evidence: Image NYC023726_1B28 was imaged with Forensic Exam Station F2630035 using a Tableau Forensic USB Bridge, model: T8-R2, s/n: 0208710F, and AccessData® FTK® Imager 4.2.0.13, to the CASE VOLUME.  AccessData FTK Imager 4.2.0.13  File View Mode Help  Perition 1 [852MB]  Partition 1 [852MB]  Partition 2 [476082MB]  Partition 2 [476082MB]  Partition 2 [476082MB]  Igophan)  proot]  Unpatritioned Space [basic disk]  Unpatritioned Space [basic disk]  [unallocated space]



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COMPUTER ANALYSIS RESPONSE TEAM NEW YORK DIVISION

### **EXAMINATION NOTES**

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	Properties	and the state of t
	<b>≅</b> 2↓	
	Evidence Source Path	Sea Control
	Evidence Type	Fasica Car
	⊟ Disk	
	☐ Drive Geometry	
	Cylinders	
	Tracks per Cylinder	
1	Sectors per Track	
	Bytes per Sector	
	Sector Count	The stage of
	☐ Physical Drive Information	
	Drive Model	THE WORLD SET SET ALL WITH THE PROPERTY OF THE
	Drive Serial Number	* A TANKAL F
	Drive Interface Type	
	Removable drive	
	Physical Evidentiary Item [Device Info] Source Type: Physical [Drive Geometry] Cylinders: 60,802 Tracks per Cylinder: 255 Sectors per Track: 63 Bytes per Sector: 512 Sector Count: 976,794,3 [Physical Drive Informatic	36 n]
	Drive Model: LaCie Bi gD Drive Serial Number: AAI Drive Interface Type: US Removable drive: False Source data size: 476950 Sector count: 9767943 [Computed Hashes]	C3CC45261F B O MB

A **Directory/File Listing** was generated when evidence was imaged using **FTK® Imager 4.2.0.13.** Listing file is co-located along with the respective image files. Listing contains filename, full path, modified date/time stamp, created (change) date/time stamp, and accessed date/time stamp.

Directory listing created and saved as NYC023726\_1B28.E01.csv within

MD5 checksum: c3831223db43f2042a69f970bacb0b0a: verified

MD5 checksum: c3831223db43f2042a69f970bacb0b0a

Verification started: Mon Sep 17 18:40:58 2018 Verification finished: Mon Sep 17 19:29:44 2018

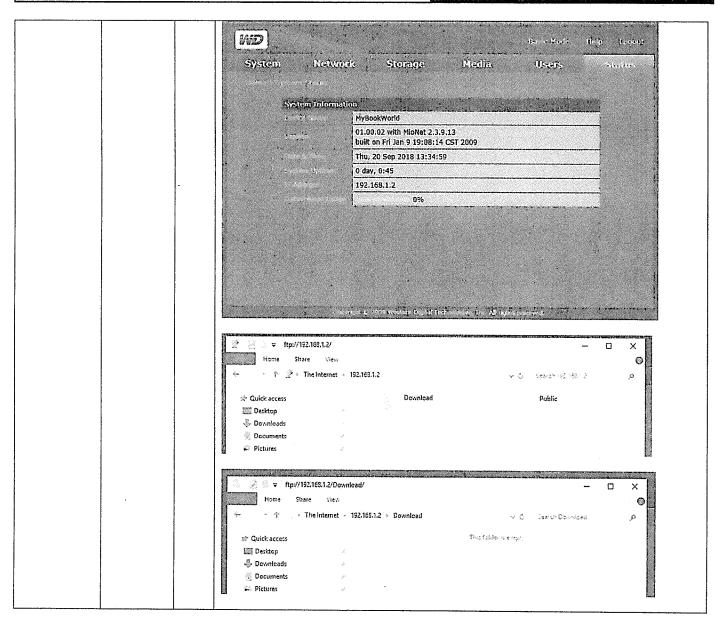
Image Verification Results:



## FEDERAL BUREAU OF INVESTIGATION COMPUTER ANALYSIS RESPONSE TEAM NEW YORK DIVISION

			CASE VOLUME.
NYC023724 _1B26	09/20/18	VD	Preserve Evidence: Image NYC023724_1B26 is a My Book World Edition network-attached storage system. Connected NYC023724_1B26 to internal network.  Installed and launched WD Link software.  Used default password to connect to the unit.  Connected to unit via web browser and continued through configuration settings to assign permanent password for administrative access (admin).  Noticed item was configured via DHCP (Dynamic Host Configuration Protocal).  Assigned static IP address of 192.168.1.2.  Enabled FTP (File Transfer Protocol) connection through anonymous authentication.  Removed device from internal network and connected the unit to a standalone network switch.  The following images capture the findings:  Volume Type Disk (Users Status)  Volume Type Disk (Users Status)







## **EXAMINATION NOTES**

			Home Share View
			← ・ 作 → The Internet → 192.169.1.2 → Public → Shared Music
			What facilities to environ
			Home Share View
			← ↑ > The Internet > 192.168.1.2 > Public > Shared Pictures ↓ ② Cearch Shares Pictures ⊅
			Cluick access  This foldow is empty.  = ftps://192.168.1.2/Public/Shared Videos/  -
			Home Share View
			* * * * The Internet > 192.162.1.2 > Public > Shared Videos
			That folder is execut
			□ Desktop □ □ · ·
			System Log was screen grabbed and saved as WorldBook System Log.txt. See attached addendum for further information.
NYC023724	09/20/18	VD	Administrative Note:
_1B26			Notified CA that examination of NYC023724_1B26 to date showed no data
			stored on the device; no further processing conducted at this time.
NYC023729	09/20/18	VD	Preserve Evidence: Image
_1B26	,,		NYC023729_1B26 was connected to Forensic Exam Station F2673128
			using a Tableau Forensic USB Bridge, model: T8-R2, s/n: 02087087
			Device would not turn on. Did not recognize device. Set aside device to
			charge.
NYC023729	09/21/18	VD	Device would not turn on.
_1B26			NYC023729_1B26 was connected to Forensic Exam Station F2673128
			using a Tableau Forensic USB Bridge, model: T8-R2, s/n: 020870B7.
			Did not recognize device.
			Connected device directly to Forensic Exam Station F2673128. Did not recognize device.
	09/21/18	VD	Administrative Note:
			Notified CA that the device was not recognized by forensic machines. No
			further processing at this time.
NYC023725	09/14/18	VD	Preserve Evidence: Discovery
_1B27-			Produce verified copies of images for discovery saved to Seagate
1.E01			Expansion Portable Drive, 1TB, model: SRDONF1. p/n: 1TFAP5-500_s/n.
Staging			NA8ZLFSQ, which was provided to CART by SA Lever.
Drive 1			Using Forensic Exam Station F2552510 and Tableau eSATA Forensic Bridge
	·		

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# EXAMINATION NOTES

	T	т			·····			
Seagate HD			write blocker, model: NYC023725_1B27-1 was verified using <b>FT</b>	from Staging Drive	1 to	86, o	copy	y images of I Seagate HD. Copy
			Drive/Image Verify Results		_		×	
			Parameter see here or operations are producted to the common or a consequence of the common of the c	at tigen til et den medlem klasse storgere og generalen er september i men en egyen, men eg gegen.	er ingerthooreet, to o	h., ,40 mr - 14	age content of	organisation of the control of the c
			Sector count  MD5 Hash					
			Computed hash	A Commency Commence with the commence				70
			•					processing and the second seco
			Stored verification hash	Lever set in the depth of the con-	7 - 6			4
			Verify result	\$ *# ·				1
			☐ SHA1 Hash					
			Computed hash  Bad Blocks List	ារី សាក្យាលើប្រែកវិទ្ធាន់ខ្លួ		Fa In	**	Roderna (Constitution)
			Bad block(s) in image	authan Crous Life Leone eine	No.			
NYCODATO	00/17/10	1/2	-					9
NYC023723 _1B23.E01	09/17/18	VD	Preserve Evidence: Using Forensic Exam write blocker, model:	Station F2552510 a	nd T	able	au e	SATA Forensic Bridge
NYC023727 _1B31.E01			NYC023723_1B23 fro	m Staging Drive 1 t	to pro	ovide	ed S	eagate HD.
NYC023731			Drive/Image Verify Results		-		:	×
_1B43.E01			日					
			Name	10 min 4 min 5 min 5 min 5 min 5 min 5 min 5 min 5 min 5 min 5 min 5 min 5 min 5 min 5 min 5 min 5 min 5 min 5				
Staging			Sector count					
Drive 1			☐ MD5 Hash					
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Drive 2			Verify result	1.1				
Dilve 2			□ SHA1 Hash	850 * *				
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Seagate			Computed hash	· · · · · · · · · · · · · · · · · · ·	Secondar 1	in phil		
HD			☐ Bad Blocks List					
			Bad block(s) in image	Paris, will see a first out on a seeka ;				
			Using Forensic Exam write blocker, model: NYC23727_1B31 from verified using FTK® I	T35es-R2, s/n: 313 Staging Drive 2 to	35D0	86, c	ору	images of

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## **EXAMINATION NOTES**

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			Drive/Image Verify Results	<b>-</b> □
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			Name	case FI
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1			Computed hash	
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			Verify result	
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			Verify result	<ul><li>* (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)</li></ul>
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		Shorten		
			Using Forensic Exam St	cation F2552510, copy images of NYC023731_1B43
			from the CASE VOLUME	to provided Seagate HD. Copy was verified using
			FTK® Imager 4.2.0.1	3.
		ļ	Drive/Image Verify Results	
		1	nga ng Misas, pinasang kalang ng kalang ng kanang ng ng ng ng ng ng ng ng ng ng ng ng n	
			Name	42 - 12 to 1 3 4 4 7 5
			Sector count	
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			Stored verification hash	
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			Stored verification hash	And the second s
			Report Hash	g de la companya del companya de la companya del companya de la co
		1	Verify result	Control of the second of the s
			☐ Bad Blocks List	* @ B
			pau piock(s) in image	PRO had the control of white
				romani termining pandibanggan pang-pang-pang-pang-pang-pang-pang-pang-
Seagate	09/17/18	VD	Administrative Note:	
HD	0.5/11/10	"		
		1	Lever to accept.	SA Lever. FD-597 completed and signed by SA
			Level to accept.	
<u> </u>	.l	l	<u> </u>	*

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## **EXAMINATION NOTES**

NYC023730 _1B41.E01 Addonics HD	09/17/18	VD	Preserve Evidence: Discovery Produce verified copies of images for discovery saved to Addonics Diamond Cipher II ExDrive, 3TB, model: DCED6GEU3, s/n: 9797100411, which was provided to CART by SA Lever.  Using Forensic Exam Station F2673128, copy images of NYC023730_1B41 from the CASE VOLUME to provided Addonics HD. Copy was verified using FTK® Imager 4.2.0.13.  Original Computed Hashes: MD5 checksum: 07df4939e1107220aa5dd1a39fb04767 Image Verification Results: Verification started: Mon Sep 17 16:39:58 2018 Verification finished: Mon Sep 17 18:43:47 2018 MD5 checksum: 07df4939e1107220aa5dd1a39fb04767: verified
NYC023728 _1B32.E01 NYC023726 _1B28.E01 Addonics HD	09/18/18	VD	Preserve Evidence: Discovery Produce verified copies of images for discovery saved to Addonics Diamond Cipher II ExDrive, 3TB, model: DCED6GEU3, s/n: 9797100411, which was provided to CART by SA Lever.  Using Forensic Exam Station F2673128, copy images of NYC023728_1B32 from the CASE VOLUME to provided Addonics HD. Copy was verified using FTK® Imager 4.2.0.13.  Original Computed Hashes MD5 checksum: 6ce5db0fcdc512ac9dc635dd17068a12 Image Verification Results: Verification started: Tue Sep 18 10:07:13 2018 Verification finished: Tue Sep 18 11:55:47 2018 MD5 checksum: 6ce5db0fcdc512ac9dc635dd17068a12: verified  Using Forensic Exam Station F2673128, copy images of NYC023726_1B28 from the CASE VOLUME to provided Addonics HD. Copy was verified using FTK® Imager 4.2.0.13.  Original Computed Hashes: MD5 checksum: c3831223db43f2042a69f970bacb0b0a Image Verification Results: Verification started: Tue Sep 18 12:47:22 2018 Verification finished: Tue Sep 18 13:33:48 2018 MD5 checksum: c3831223db43f2042a69f970bacb0b0a: verified
Addonics HD	09/19/18	VD	Administrative Note: Addonics HD provided to SA Michael Lever. FD-597 completed and signed by SA Lever to accept. SA Lever and AUSA stated that the kindle, NYC023722_1B19, did not need

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### **EXAMINATION NOTES**

	***	1	to be processed since the device powered on to the "thank you for
			purchasing" screen and seemed to only have the dictionary loaded.
NYC023732 _1B50 Addonics HD 2	09/26/18	VD	Preserve Evidence: Discovery Produce verified copies of images for discovery saved to Addonics Diamond Cipher II ExDrive, 3TB, model: DCED6GEU3, s/n: 9797100412, which was provided to CART by SA Lever.  Using Forensic Exam Station F2630035, copy images and reports of NYC023732_1B50 from the CASE VOLUME to provided Addonics HD using VeriCopy v.3.18.
NYC023721 _1B16.E01 Addonics HD 2	09/27/18	VD	Using Forensic Exam Station F2630035, copy images of NYC023721_1B16 from the CASE VOLUME to provided Addonics HD. Copy was verified using FTK® Imager 4.2.0.13.  Original Computed Hashes: MD5 checksum: 7aa8f3297f288252ed69ffd983725b5e Image Verification Results: Verification started: Thu Sep 27 11:12:28 2018
	00/00/40		Verification finished: Thu Sep 27 12:58:24 2018 MD5 checksum: 7aa8f3297f288252ed69ffd983725b5e: verified
Addonics HD 2	09/28/18	VD	Administrative Note: Addonics HD provided to SA Michael Lever. FD-597 completed and signed by SA Lever to accept.
NYC023721 _1B16.E01 NYC023723 _1B23.E01 NYC023725 _1B27- 1.E01 NYC023726 _1B28.E01 NYC023727 _1B31.E01 NYC023728 _1B32.E01 NYC023730 _1B41.E01 NYC023731 _1B43.E01	09/24/18	VD	Processing: Images of NYC023721_1B16, NYC023723_1B23, NYC023725_1B27-1, NYC023726_1B28, NYC023727_1B31, NYC023728_1B32, NYC023730_1B41, and NYC023731_1B43 were added to AD Lab v6.3.1.26 utilizing the Field Mode Processing Profile, default settings, on Forensic Exam Station F2673128. AD Lab will be used for examination in this case unless otherwise noted. Time zone setting: Eastern Time with Daylight Saving (US – New York)  Additional Analysis: First:  Expand Compound Files (include deleted files) Flag Bad Extensions File Signature Analysis

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## **EXAMINATION NOTES**

		·		
			<ul> <li>Data Carve (all types selected)</li> <li>Meta Carve</li> </ul>	
			Errors encountered, failed.	
	09/26/18	VD	AD Lab Additional Analysis:	
		ĺ	Third:	
			Data Carve (all types selected)	
	09/27/18	VD	AD Lab Additional Analysis:	
			Fourth:  Meta Carve	
			Fifth:	
			<ul> <li>Create Thumbnails for Graphics</li> </ul>	
	10/01/18	VD	Administrative Note:	
			Spoke to SA Delise Jeffrey in person. Do not need thumbnails for videos.	
	10/01/18	VD	AD Lab Additional Analysis:	
			Sixth:  MD5 Hash	
			Flag Duplicate Files	
			Seventh:	
			Search Text Index (TR1)	
			<ul> <li>Entropy Test (do not index compressed or encrypted items)</li> </ul>	
			<ul> <li>Include extended information</li> </ul>	
			<ul> <li>Merge case index when finished</li> </ul>	
	10/03/18	VD	Administrative Note:	
			E-mailed SA Lever and SA Jeffrey that the images and reports were	
			available in CAIR.	
	09/26/18	VD	Evidence Disposition:	
			All evidence items were returned to SA Lever.	
NYF00739	10/09/18	VD	Preserve Evidence: Master Copy	
NYF01088	10/10/18		Images were archived from the CASE VOLUME to two (2) TDK Tapes, both	
			Model: Ultrium LTO 5, 1.5TB, previously affixed barcode and designated as	
			NYF00739 and NYF01088, using Back This Up 3.1.17.5/Arcserve	
			Backup.	
			Logs retained.	
NYF00739	10/12/18	VD	Evidence Disposition:	
NYF01088			CART created Master Copy was relinquished to Evidence Control.	
			NYF00739 and NYF01088 were assigned 1B135 in captioned case file.	
	11/16/18	VD	Administrative Note:	
			SA Lever requested, via e-mail, a copy of the Directory File Listing for each	
<del></del>		-	individual device processed.	

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COMPUTER ANALYSIS RESPONSE TEAM NEW YORK DIVISION

### **EXAMINATION NOTES**

NYC023723 _1B23.csv NYC023725 _1B27- 1.csv	12/17/18	VD	Processing: Using Forensic Exam Station F2673128: FTK Imager, build 4.2.0.13 Process Directory File Listings for the following imaged evidence items: NYC023723_1B23 and NYC023725_1B27-1	
image.E01. csv	12/18/18	VD	Process Directory File Listings for the following imaged evidence items: NYC023727_1B31 (image.E01.csv)	
	12/28/18	VD	Administrative Note: E-mailed SA Lever indicating that directory file listings were available for all evidence items with the exception of 1B50 and to inform the examiner if the directory file listing was necessary for 1B50.	
	01/22/19	VD	Administrative Note:  Met and spoke to SA lever. He no longer needed a copy of the Directory File Listings from the examiner.	
	02/22/19	VD	Administrative Note: SA Lever e-mailed examiner to do an internet evidence review of AOL e-mail found on 1B28.	
	02/25/19	VD	Administrative Note: SA Lever requested access via e-mail for SA Leslie Adamczyk to review evidence item 1B16. In a separate e-mail, SA Lever provided a copy of a new Search and Seizure Warrant pertaining to the search of evidence item 1B16 for evidence of child pornography.	
NYC023726 _1B28	02/26/19	VD	Processing: Using Internet Evidence Finder (IEF) v6.14.0.10770, processed 1B28 for internet remnants SA Lever requested.	
NYC023721 _1B16	02/26/19	VD	Administrative Note:  SA Leslie Adamczyk granted access to entire case. E-mailed case agents of the same and indicated the scope of the new warrant only allows the search for child pornography on 1B16.	
NYC023726 _1B28 NYC023744	03/05/19	VD	Processing: Created DVD-R of IEF report generated for item 1B28, affixed barcode and designated as NYC023744. Notified SA Jeffrey, in person, that the report was completed and ready for pick up.	
<u>.</u>	03/06/19	ВВ	Administrative Note:	

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### **EXAMINATION NOTES**

			ITS/SFE Booth provided hand written notes on research of EXIF data pertaining to the CP images identified on 1B16.	
1B16	03/13/19	BSB	Administrative Note: Provided access for separate review of 1B16 to defense council. Computer installed and 1B16 ran in AD Lab for full processing. SA Lever advised via Bureau cell phone that data was available for review in CART Review room on the 22 <sup>nd</sup> floor of 26 Federal Plaza.	
NYC023744	03/15/19	VD	Administrative Note: Provided NYC023744 to SA Lever. Completed FD-597.	
	03/15/19	VD	Administrative Note: SA Lever and AUSA, in person, requested a copy of evidence item 1B16 without CP for discovery.	
1B16 My Passport	03/18/19	VD	Processing: SA Lever provided a My Passport Western Digital hard drive, 2TB, model: WDBS4B0020BBK-WESN, s/n: WXP1A38H88CX, for the copy of 1B16 sans possible CP. Logical export of 1B16 without files identified by case agent as contraband saved to the My Passport drive.	
My Passport	03/20/19	VD	Administrative Note: Provided My Passport drive to SA Jeffrey. Completed FD-597. Agents were advised to review the drive for contraband prior to distribution.	
	04/04/19	VD	Administrative Note:  SA Lever and SA Jeffrey indicated other possible CP was identified on 1B16. Agents are retrieving the previously distributed drive for discovery and requested a new copy be made without CP once they review the newly identified images.  Agents provided handwritten list of files they identified as contraband.	
My Passport 2	04/04/19	VD	Processing: SA Lever and SA Jeffrey provided a My Passport Western Digital hard drive, 2TB, model: WDBS4B0020BBK-WESN, s/n: WX81A38D01U0, for the copy of 1B16 without possible CP. Logical export of 1B16 without files identified by case agents as contraband saved to the My Passport drive.	
My Passport 2	04/05/19	VD	Administrative Note: Provided My Passport drive to SA Lever. Completed FD-597. Agents were advised to review the drive for contraband prior to any distribution.	
	04/10/19	BSB	Processing: AD Lab not reporting EXIF data for item 1B16 as separate reportable html	

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#### FEDERAL BUREAU OF INVESTIGATION

COMPUTER ANALYSIS RESPONSE TEAM NEW YORK DIVISION

### **EXAMINATION NOTES**

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			files. Re-ran "Expand Compound Files" in AD Lab on item 1B16 for only EXIF data expansion.
NYC023288 NYC023289	04/11/19	BSB	Processing: Created AD Lab Report containing bookmarks of the "Studies Folders" identified from item 1B16 as indicated by SA Lever. Report burned to Adams Evidence Grade DVD-R and affixed label and noted herein as NYC023288.  Created AD Lab Report containing bookmarks of the "Suspected CP Images" identified from item 1B16 as indicated by SA Lever. Report burned to Adams Evidence Grade DVD-R and affixed label and noted herein as NYC023289.  Items signed over and entered into NY Evidence Control Unit (ECU).
			Generated AD1 image of two reports with FTK Imager 4.2.0.3 as 041119_Reports.ad1 directly to the CASE VOLUME / DE NYCART. Staging drive was forensically wiped.
			Case agent requested a copy of bookmarked CP images to be redacted for facial identification. A list of requested image names were provided in an e-mail by SA Delise Jeffery. Using Microsoft Photos, a crop of each image was done to show only facial features. These images were then saved to the CASE FOLDER in addition to one CD-R that was burned and marked as a "Working Copy". Disc was provided to SA Lever at 2:30PM.
NYC023290	04/23/19	BSB	Processing:  Spoke to Agent Lever about received email from AUSA with a request from defense attorney for a copy of 1B16 image files in a redacted format. Request verbally denied to agent Lever as against DEPG and CART policy. Advised Agent Lever that images have been made available for full review by the defense team in the CART Review room located on the 22 <sup>nd</sup> floor of 26 Federal Plaza. CART NY has made the review available to the defense team since it had been placed for review on
,			As per agent Lever request, created AD Lab Report containing bookmarks of the "Suspected CP" identified from item 1B16 sans the graphic images. Report burned to Adams Evidence Grade CD-R and affixed label and noted herein as NYC023290. Agent working copy generated on separate white label CD-R.
		,	Items signed over and entered into NY Evidence Control Unit (ECU).
	04/30/19	VD	Administrative Note: SA Lever requested printed copies of 22 images which he identified as possible CP for judge and jury purposes. Examiner printed the images and

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			completed a Chain of Custody. SA Lever put the printed photos into evidence, 1Bxxxx.	
	06/07/19	BSB	Administrative Note:  Request was made by SA Lever of item 1B15 to be processed in lieu of ITS/SFE Steven Flatleys availability as he would be overseas during trial. This exam would be utilized in trial. SSA Trenton Schmatz concurred and authorized to process the item.	
1B15	06/10/19	BSB		
			E6261241 1B15 One (1) Cannon Ultrasonic Digital Camera, model:DS126061, s/n: 1420908348. In black Cannon camera bag stored in brown cardboard evidence box.	
			Containing: One (1) Lexar Professional 2GB WA compact flash card, model:2389, s/n:39132GBCI39052D97, in separate cellophane baggie affixed barcode NYC024299. Initialed by ITS/SFE Stephen Flatley on 02/22/2019	
NYC024299	06/11/19	BSB	Administrative Note: Forensic Exam Station F5405659 (S/N: 3YSZDB2), identified as BBOOTH- 01, successfully completed the Power On Self Test (POST) process and is being used to process evidence images.	
			F5405659 is a Dell T7910 running Windows 10 Enterprise Edition 64-bit Operating System with sixty-four (64) GB RAM and two (2) Intel Xeon X2650 processors at 2.30GHz.	
			F5405659 is running AccessData Lab 6.3.1.26 configured in a multi-node DPE cluster. AccessData Lab Lab 6.3.1.26 will be utilized in processing for this examination of NYC024299, unless otherwise noted.	
NYC024299	06/11/19	BSB	Preserve Evidence: NYC242299 NYC024299 was imaged using a Tableau Forensic Card Reader (s/n: CR000004832) and a AccessData® FTK® Imager 4.2.0.13, to the CASE VOLUME.	
			Drive Geometry as reported by FTK Imager:	
			[Drive Geometry] Cylinders: 249 Tracks per Cylinder: 255 Sectors per Track: 63 Bytes per Sector: 512 Sector Count: 4,008,816	



## **EXAMINATION NOTES**

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			[Physical Drive Information] Drive Model: Generic- USB3.6 Drive Serial Number: 2012062 Drive Interface Type: USB Removable drive: True Source data size: 1957 MB Sector count: 4008816		
			[Computed Hashes] MD5 checksum: 55729198b0cf6a3242d888287a3fe485		
			Image Verification Results: Verification started: Tue Jun 11 11:06:26 2019 Verification finished: Tue Jun 11 11:06:36 2019 MD5 checksum: 55729198b0cf6a3242d888287a3fe485 : verified		
			Drive/Image Verify Results	>	
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			Verify result	E 5 6	
			The CASE VOLUME will be us	sed for all further processing.	
NYC024299	06/11/19	BSB	Directory/File Listing: Unless otherwise specified, a directory/file listing was originally generated for all imaged specimens using FTK® Imager 4.2.0.13 Listing file is colocated along with the respective image files. Listing contains filename, full path, modified date/time stamp, created (change) date/time stamp, and accessed date/time stamp.		
			CAID EVAN		
			END EXAM		

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Examiner:	Date of Report:
SA/FET Virginia Donnelly	Month XX, 20XX
ITS/SFE Brian Booth	



