

EXHIBIT W

FTK IMAGER FULL-WINDOW VIEW OF RECORDER AND FOLDER_A

Full-window screenshot from Exterro FTK Imager 8.2.0.59 SP1 showing evidence item usb_recorder.001, the WS-852 FAT32 partition, RECORDER/FOLDER_A, and the directory-data hex view.



EXHIBIT X

ENLARGED FTK HEX VIEW OF DELETED DIRECTORY ENTRIES

Enlarged screenshot of the FAT32 directory region associated with 220723_0161.MP3. The displayed E5 byte is the FAT deletion marker. FAT32 does not preserve a separate deletion timestamp.

490	F1 54 F1 54 01 00 D9 1D-F1 54 8E 1C 7D 5E 06 00	DIRT - 0 - RT - - ^ - -
4a0	E5 50 00 33 00 00 00 FF-FF FF FF 0F 00 45 FF FF	AP-3 - - YYY - - EYY
4b0	FF FF FF FF FF FF FF FF-FF FF 00 00 FF FF FF FF	YYYYYYYYYY - - YYY
4c0	E5 32 00 32 00 30 00 37-00 31 00 0F 00 45 37 00	A2-2-0-7-1 - - E7 -
4d0	5F 00 30 00 31 00 36 00-30 00 00 00 2E 00 4D 00	-0-1-6-0 - - - - M -
4e0	E5 32 30 37 31 37 7E 34-4D 50 33 20 00 00 F1 1D	A20717~4MP3 - - A -
4f0	F1 54 F1 54 01 00 F1 1D-F1 54 9B 1C E5 5A 18 01	DIRT - A - RT - - A2 -
500	E5 50 00 33 00 00 00 FF-FF FF FF 0F 00 20 FF FF	AP-3 - - YYY - - YY
510	FF FF FF FF FF FF FF FF-FF FF 00 00 FF FF FF FF	YYYYYYYYYY - - YYY
520	E5 32 00 32 00 30 00 37-00 32 00 0F 00 20 33 00	A2-2-0-7-2 - - 3 -
530	5F 00 30 00 31 00 36 00-31 00 00 00 2E 00 4D 00	-0-1-6-1 - - - - M -
540	E5 32 30 37 32 33 7E 31-4D 50 33 20 00 00 0D 25	A20723~1MP3 - - A -
550	F7 54 3C 55 01 00 0D 25-F7 54 3C 1F F0 9B 25 04	-T<H - - A - T - A - Y -

EXHIBIT Y

FTK Imager Logical Image Summary Files with Read Errors Including 220723_0161.MP3

Acquisition Date: August 1, 2026 | Tool: Exterro FTK Imager 8.2.0.59

1. ACQUISITION & HASH VERIFICATION

Image type: Logical / Custom Content Image (AD1 segmented format, base name 11.ad1, segments through 11.ad14).
Acquisition: 13:28:40 – 13:31:38 PDT on August 1, 2026. Verification completed 13:32:09 PDT.

Algorithm	Hash Value	Status
MD5	7a79f86309dfb6f8b8738757fdb2f49	Verified
SHA1	f5747209df38638ee2ea0868895bdcfd4998fade	Verified

2. TARGET FILE AND SURROUNDING READ-ERROR FILES

FTK Imager reported that the following files (and, where listed, their FileSlack) contained unreadable chunks that were replaced with zeros in the image. The presence of the filename establishes that a directory entry still existed on the source media at the time of imaging:

- 220717_0160.MP3 (+ FileSlack)
- **220723_0161.MP3 (+ FileSlack) ← TARGET FILE**
- 220725_0162.MP3 (+ FileSlack)
- 220725_0163.MP3 (+ FileSlack)
- 220814_0164.MP3 (+ FileSlack)
- 220903_0169.MP3 (+ FileSlack)
- 220903_0170.MP3

A complete list of all files that experienced read errors appears in the original FTK acquisition summary (11.ad1.txt).

3. RELATIONSHIP TO THE DOCUMENTED DROPBOX DELETION

The Dropbox activity log (Exhibit F) documents that file 220723_0161.MP3 was deleted from Dropbox on **February 9, 2023 at 22:54:50 UTC** by User ID 2160354256 (Robert Yeager). The physical recorder examination reflected in Exhibits H and I shows that a directory entry for 220723_0161.MP3 remained present on the device (with associated read errors on the data clusters) when the media was imaged on August 1, 2026. The combination of the cloud-side deletion record and the continued presence of the directory entry on the physical media is consistent with the sequence of events described in Investigator Yeager's August 4, 2025 email (Exhibit A).

INSERT: Full 11.ad1.txt acquisition summary and the previously generated read-error report PDF behind this cover if desired.