

Annex A

Public

DRC-OTP-2026-0139

This cd-recordable has errors that occurred during the production of the cd-recordable. The session on the cd-recordable is still open (not finalized, which is common for this format). The format used is UDF (Universal Disk Format).

The minimal physical damage is not the problem why the disc can't be read. Faults during production are.

I did a signature based extracted of data from the cd-recordable. Original file names have been lost due the absence/corruption of a Table of Contents (TOC). This extraction is from the first 613875712 bytes of the total 707198976 bytes (approximately 86%). Data on the cd-recordable after those 86% is most likely not recoverable.

What we could do;

- a) Find out how much we extracted with only the signature based extraction and find files that haven't been extracted (other carving options)
- b) See if we can extract more metadata (timestamps, filenames etc) by researching the UDF standard and investigating the raw image of the cd-recordable.

The extracted files where put on a dvd-recordable. SHA-256 hashes have been calculated over these files and where written in the file 'hashes.txt' on the dvd-recordable. The SHA-256 hash of the file 'hashes.txt' is 2ace 6ec3 6d03 d3b4 ae05 0b49 1e03 5f7c 3651 9f2d c784 87ed cfcf 09a7 ce1b 0f38.

DISCLAIMER

This short investigation only gives information about what might/can be possibly done with this damaged cd-recordable. Results on the dvd-recordable or in this document shouldn't be used in court without proper chain of custody.

18/03/2011


DRC-OTP-2029-0049

