

PNG WG Meeting Minutes

Sep 15th, 2025

Attendees:

(Alphabetical order)

Chris Blume

Chris Lilley

Chris Needham

Cosmin Truta

Fares Alhassen

Topics & Minutes:

- [Add iDOT to extensions](#) due to its widespread usage
- Possibly [add mismatched ICC profile support](#)
 - Doesn't seem beneficial enough to be worth it
- C2PA metadata inclusion
 - dSIG is related
 - There is also CAWG (Creator Assertions) and IPTC (International Press Telecommunications Council, news media)
 - We would like to know how much use there is.
- Can we (should we) [add SMPTE ST 2094-10 average luminance metadata](#)? New chunk, presumably.
 - Should we recommend a specific tone mapping algorithm (not 2094-10)?
 - We need to clarify on the GitHub issue what the exact use case is (luminance, code values) before specifying.
 - Separate but related: reference white chunk is [in the works](#) (ISO 22028-5) (this is useful even when possibly duplicated data in SMPTE 2094-50)
- Can we update phrasing to [require a decoder be consistent with its choice of tone mapping algorithm when given the same chunks](#)?
 - There might be workflows that don't want this, such as if it is dynamic.
 - We could suggest "SHOULD", but without explicitly listing out the tone mapping algorithms, it is difficult to specify.
 - We can try, but need input from the users of these chunks/tone mapping algos.
- Do we know when AOM's version of gain curves is expected?
 - SMPTE 2094-50 is likely to be the canonical spec
 - SMPTE's spec is expected to be available for public comment soon
- Can we request that ISO make certain specs free so we can reference them?
 - Is it actually a requirement that we make them free? Perhaps it isn't a written rule but an implied one?
 - Exceptions are made but not preferred.

Action Items:

- CB to work on pigz-style parallel encoding
- CL to add iDOT to extensions (defined elsewhere, but here is a pretty good reverse engineering)
- CB to email Leonard & Fares about making the C2PA chunk public, and to find how much it is used
- CL & FA to request ISO specs be public
- CL to follow up on SMPTE ST 2094-10 issue