



H0457 – Removal of Monochrome Chroma Format Support

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Why Have a Monochrome Chroma Format?



- We don't have interlace tools (a larger set of source material)
- Monochrome codes well in 4:2:0
 - Excellent prediction of flat color fields (2-3 bins/CU)
 - Unlike other chroma formats, Monochrome gives no quality improvements
- Let's keep the spec simple
 - Monochrome would affect parsing of about a dozen syntax elements
 - Affects both CABAC and syntax parsing
- Proposal: Remove `chroma_format_idc` of 0