

# Status update 3D Format and ParallaxInfo drafts

Bert Greevenbosch

# Latest versions

- [draft-greevenbosch-mmusic-parallax-attribute-01](#)
  - No changes have been performed on the “ParallaxInfo” draft since Québec.
- [draft-greevenbosch-mmusic-signal-3d-format-02](#)
  - The “3dFormat” attribute draft has been updated to v02.

# Changes in "3dFormat" v02 (1)

- Added reference to ISO/IEC FDIS 14496-10:2010: "H.264/MPEG-4 Part 10: Advanced video coding for generic audiovisual services".
- Added explicit reference for parallax maps to ISO/IEC FDIS 23002-3: "MPEG video technologies part 3: Representation of auxiliary video and supplemental information".
- Added a note and reference to ISO/IEC 14496-10, pointing at the need for additional signalling in case of frame sequential packing.
- Removed the text that says that the answerer SHOULD select only one 3D format.

# Changes in "3dFormat" v02 (2)

- After the offerer receives an answer of a frame-packed stream offer without the "3dFormat" attribute (from a legacy answerer), now the stream SHOULD immediately be treated as a 2D stream, i.e. an update of the offer is not recommended anymore.
- Similarly for 2D+auxiliary as a single stream.
- For 2D+auxiliary as separate streams, if the legacy answerer selects the auxiliary stream, the offerer MAY initiate 2D streaming without updating its offer.

# Communication with other SDOs

- During the 3GPP SA4#66 meeting, the M3DVC group was informed about the "3dFormat" draft.
- They have adopted text (S4-111011) on it as part of their Technical Report on Mobile 3D.
- Offline discussion is taking place with MPEG experts.

Thank  
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Questions?

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