

SMPTE STANDARD

Interoperable Master Format — Application #4 Cinema Mezzanine Amendment 1



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Foreword

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1 Scope

Amend ST 2067-40:2016 to address interoperability issues.

2 Modify Section 6.1.2.1.2 Transfer Characteristic

Remove the following text:

The value of the Transfer Characteristic item shall be equal to:
06.0E.2B.34.04.01.01.01.04.01.01.01.01.06.00.00 ["Identifies a linear transfer characteristic" in SMPTE RP 224].

Add the following text:

The value of the Transfer Characteristic item shall be equal to:
06.0E.2B.34.04.01.01.06.04.01.01.01.01.06.00.00 ["Identifies a linear transfer characteristic" in SMPTE RP 224].

3 Add Section 7.12

Add the following text:

7.12 Constraints on the CompositionTimecode element in presence of archive framerates

If one of the archive frame rates listed in Table 13 is used by the Main Image Virtual Track, the CompositionTimecode element of the Composition Playlist instance shall not be present, as the frame rate cannot be represented.

Table 13 – Archive frame rates not suitable for use with the CompositionTimecode element

Frame Rate
16
200/11
20
240/11

4 Modify Bibliography

Add the following text to the Bibliography Section

SMPTE ST 428-21:2011, Archive Frame Rates for D-Cinema

5 Modify Section 6.1.2.3.1 General

Remove the following table:

Table 11. JPEG 2000 Picture Subdescriptor items

JPEG 2000 Picture Subdescriptor Item	Constraints
Coding Style	Shall be present.
J2CLayout	Shall be present. See Section 6.1.2.3.2.

Add the following table:

Table 11. JPEG 2000 Picture Subdescriptor items

JPEG 2000 Picture Subdescriptor Item	Constraints
Coding Style Default	Shall be present.
J2CLayout	Shall be present. See Section 6.1.2.3.2.