

SMPTE STANDARD

Material Exchange Format (MXF) —  
Mapping SDTI-CP Essence and  
Metadata into the MXF Generic  
Container



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## Foreword

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Normative text is text that describes elements of the design that are indispensable or contains the conformance language keywords: "shall", "should", or "may". Informative text is text that is potentially helpful to the user, but not indispensable, and can be removed, changed, or added editorially without affecting interoperability. Informative text does not contain any conformance keywords.

All text in this document is, by default, normative, except: the Introduction, any clause explicitly labeled as "Informative" or individual paragraphs that start with "Note:"

The keywords "shall" and "shall not" indicate requirements strictly to be followed in order to conform to the document and from which no deviation is permitted.

The keywords "should" and "should not" indicate that, among several possibilities, one is recommended as particularly suitable, without mentioning or excluding others; or that a certain course of action is preferred but not necessarily required; or that (in the negative form) a certain possibility or course of action is deprecated but not prohibited.

The keywords "may" and "need not" indicate courses of action permissible within the limits of the document.

The keyword "reserved" indicates a provision that is not defined at this time, shall not be used, and may be defined in the future. The keyword "forbidden" indicates "reserved" and in addition indicates that the provision will never be defined in the future.

A conformant implementation according to this document is one that includes all mandatory provisions ("shall") and, if implemented, all recommended provisions ("should") as described. A conformant implementation need not implement optional provisions ("may") and need not implement them as described.

Unless otherwise specified, the order of precedence of the types of normative information in this document shall be as follows: Normative prose shall be the authoritative definition; tables shall be next; then formal languages; then figures; and then any other language forms.

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## **1 Scope**

This amendment removes a restriction by which only the two particular creation date / time values defined in SMPTE ST 331 at the time of SMPTE ST 385:2012's publication could be used.

## **2 Creation date/time stamp restriction deferred to SMPTE ST 331**

*The following textual change is made in Clause 5.2.3.3:*

These two sentences are removed:

“The format of this item is defined by the first byte that has the metadata type value of ‘81h’ (timecode) or ‘82h’ (date-timecode) as defined in SMPTE ST 331. In compliance with SMPTE ST 331, of the 17 bytes available, only the first 9 bytes shall be used and the last 8 bytes shall be zero-filled.”