

SMPTE RECOMMENDED PRACTICE

Text-Based Metadata  
Carriage in MXF —  
Amendment 1



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## Foreword

SMPTE (the Society of Motion Picture and Television Engineers) is an internationally-recognized standards developing organization. Headquartered and incorporated in the United States of America, SMPTE has members in over 80 countries on six continents. SMPTE's Engineering Documents, including Standards, Recommended Practices, and Engineering Guidelines, are prepared by SMPTE's Technology Committees. Participation in these Committees is open to all with a bona fide interest in their work. SMPTE cooperates closely with other standards-developing organizations, including ISO, IEC and ITU.

SMPTE Engineering Documents are drafted in accordance with the rules given in Part XIII of its Operations Manual.

Amendment 1 to SMPTE RP 2057 was prepared by Technology Committee 31FS.

## 1 Scope

Amendment 1 to SMPTE RP 2057:2011 changes the Set Key and Scheme Label UL values for the Text-based Descriptive Metadata Scheme. The purpose of this change is to fix the conflict of Set Key and Scheme Label UL values between SMPTE RP 2057 Text-based Metadata and AMWA AS-03. This amendment also provides changes to the descriptions and the meanings of byte values in the Set Key and Label UL.

## 2 Change Universal Label for Descriptive Metadata Scheme

Change the value of byte 13 from 03h to 04h in Table 3.

**Table 3 – Descriptive Metadata Scheme UL value for Text-based Metadata**

Byte No.	Description	Value (hex)	Meaning
1~12	See SMPTE ST 377-1	–	Universal Label for MXF Descriptive Metadata Schemes as defined by MXF File Format Specification
13	Structure / Scheme Kind	04h	Text-based Descriptive Metadata Scheme
14	Scheme Version	01h	Version 1
15	Framework Identification	01h	Text-based DM Framework
16	Reserved	00h	Reserved

## 3 Change Key value of Descriptive Metadata Sets

Change the value of byte 13 from 03h to 04h in Table 4.

Change the descriptions of byte 14 and byte 15 to be consistent with ST 377-1:2011.

**Table 4 – Common Key value for Descriptive Metadata Sets**

Byte No.	Description	Value (hex)	Meaning
1~12	See SMPTE 377-1	–	Key for MXF Descriptive Metadata Schemes as defined by MXF File Format Specification
13	Structure / Scheme Kind	04h	Text-based Descriptive Metadata Scheme
14	Set Kind (1)	Yyh	See Table 5
15	Set Kind (2)	Zzh	See Table 5
16	Reserved	00h	Reserved

## 4 Change Universal Label for Text-based Object

Change the value of byte 13 from 03h to 04h in Table 8.

Change the descriptions of byte 14 and byte 15 to be consistent with ST 377-1:2011.

Change the meaning of byte 15 to provide the correct meaning.

**Table 8 – Universal Label for Text-based Object**

Byte No.	Description	Value (hex)	Meaning
1~12	See SMPTE ST 377-1	–	Universal Labels for Abstract Descriptive Metadata Groups as defined by MXF File Format Specification
13	Structure / Scheme Kind	04h	Text-based Descriptive Metadata Scheme
14	Set Kind (1)	03h	Text-based Objects
15	Set Kind (2)	01h	Text-based Object
16	Reserved	00h	Reserved