

SMPTE STANDARD

Format for Non-PCM Audio
and Data in AES3 —
Data Types



Table of Contents		Page
Foreword		2
Intellectual Property		2
1	Scope	2
2	Modify Section 5.....	2
3	Modify Bibliography.....	3

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 its Standards Operations Manual. This SMPTE Engineering Document was prepared by Technology Committee 32NF.

Intellectual Property

At the time of publication no notice had been received by SMPTE claiming patent rights essential to the implementation of this Engineering Document. However, attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. SMPTE shall not be held responsible for identifying any or all such patent rights.

1 Scope

This Amendment is to add extended_data_type (burst_preamble word "Pe") 0x0001 defined in SMPTE ST 2116 Format for Non-PCM Audio and Data in AES3 - Carriage of Metadata of Serial ADM (Audio Definition Model). SMPTE ST 2116 is also added to the Bibliography.

2 Modify Section 5

Replace Table 2 with the following:

Table 2 – Extended Data Types

data_type value (hexadecimal)	Data type (Common Industry Format Name)	SMPTE Defining Document
0x0000	Reserved by SMPTE for future allocation	
0x0001	Metadata of Serial ADM (Audio Definition Model)	SMPTE ST 2116
0x0002 – 0x4E1E	Reserved by SMPTE for future allocation	
0x4E1F	Forbidden (to avoid false Pb sync triggering)	
0x4E20 – 0xF871	Reserved by SMPTE for future allocation	
0xF872	Forbidden (to avoid false Pa sync triggering)	
0xF873 – 0xFFFF	Reserved by SMPTE for future allocation	

3 Modify Bibliography

Add the following reference to the Bibliography:

SMPTE ST 2116:2019 Format for Non-PCM Audio and Data in AES3 —Carriage of Metadata of Serial ADM (Audio Definition Model)