
**Information technology — Generic coding
of moving pictures and associated audio
information —**

**Part 1:
Systems**

**AMENDMENT 1: Delivery of timeline for
external data**

*Technologies de l'information — Codage générique des images
animées et du son associé —*

Partie 1: Systèmes

AMENDEMENT 1: Livraison d'un calendrier pour données externes





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INTERNATIONAL STANDARD
ITU-T RECOMMENDATIONInformation technology – Generic coding of moving pictures and
associated audio information

Amendment 1

Delivery of timeline for external data

1) Clause 1.2

Add the following references to clause 1.2.3:

- IETF RFC 3986 (2005), *Uniform Resource Identifier (URI): Generic Syntax*.
- IETF RFC 5484 (2009), *Associating Time-Codes with RTP Streams*.

2) Clause 2.4.3.4, Table 2-6

Replace Table 2-6 with the following table:

Table 2-6 – Transport stream adaptation field

Syntax	No. of bits	Mnemonic
adaptation_field() {		
adaptation_field_length	8	uimsbf
if (adaptation_field_length > 0) {		
discontinuity_indicator	1	bslbf
random_access_indicator	1	bslbf
elementary_stream_priority_indicator	1	bslbf
PCR_flag	1	bslbf
OPCR_flag	1	bslbf
splicing_point_flag	1	bslbf
transport_private_data_flag	1	bslbf
adaptation_field_extension_flag	1	bslbf
if (PCR_flag == '1') {		
program_clock_reference_base	33	uimsbf
reserved	6	bslbf
program_clock_reference_extension	9	uimsbf
}		
if (OPCR_flag == '1') {		
original_program_clock_reference_base	33	uimsbf
reserved	6	bslbf
original_program_clock_reference_extension	9	uimsbf
}		
if (splicing_point_flag == '1') {		
splice_countdown	8	tcimsbf
}		
if (transport_private_data_flag == '1') {		
transport_private_data_length	8	uimsbf
for (i = 0; i < transport_private_data_length; i++) {		

Table 2-6 – Transport stream adaptation field

Syntax	No. of bits	Mnemonic
<pre> private_data_byte } } if (adaptation_field_extension_flag == '1') { adaptation_field_extension_length ltw_flag piecewise_rate_flag seamless_splice_flag af_descriptor_not_present_flag reserved if (ltw_flag == '1') { ltw_valid_flag ltw_offset } if (piecewise_rate_flag == '1') { reserved piecewise_rate } if (seamless_splice_flag == '1') { splice_type DTS_next_AU[32..30] marker_bit DTS_next_AU[29..15] marker_bit DTS_next_AU[14..0] marker_bit } if (af_descriptor_not_present_flag == '0') { for (i = 0; i < N; i++) { af_descriptor() } } for (i = 0; i < N; i++) { reserved } } for (i = 0; i < N; i++) { stuffing_byte } } </pre>	<pre> 8 8 1 1 1 1 1 4 1 15 2 22 4 3 1 15 1 15 1 8 8 </pre>	<pre> bslbf uimsbf bslbf bslbf bslbf bslbf bslbf bslbf uimsbf bslbf uimsbf bslbf bslbf bslbf bslbf bslbf bslbf bslbf bslbf bslbf bslbf bslbf </pre>

3) Clause 2.4.3.5

3.1) af_descriptor_not_present_flag

In 2.4.3.5, add to semantics, after *seamless_splice_flag* and right before *ltw_valid_flag*: