INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
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Information technology — Generic coding of moving pictures and associated audio information: Part 1: Systems

TECHNICAL CORRIGENDUM 1: Correction to PES header table and removal of semantic element from clause 2.6.61

Technologies de l'information — Codage générique des images animées et du son associé: Partie 1: Systèmes

RECTIFICATIF TECHNIQUE 1: Correction de PES tableau d'en-tête et retrait de l'élément sémantique de la clause 2.6.61

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Information technology – Generic coding of moving pictures and associated audio information: Systems

Technical Corrigendum 1

Correction to PES header table and removal of semantic element from clause 2.6.61

1)   Table 2-21

Replace Table 2-21 by the following, including the Note:

Table 2-21

Syntax	No. of bits	Mnemonic
PES_packet() {		
packet_start_code_prefix	**24**	**bslbf**
stream_id	**8**	**uimsbf**
PES_packet_length	**16**	**uimsbf**
if (stream_id != program_stream_map		
&& stream_id != padding_stream		
&& stream_id != private_stream_2		
&& stream_id != ECM		
&& stream_id != EMM		
&& stream_id != program_stream_directory		
&& stream_id != DSMCC_stream		
&& stream_id != ITU-T Rec. H.222.1 type E stream) {		
'10'	**2**	**bslbf**
PES_scrambling_control	**2**	**bslbf**
PES_priority	**1**	**bslbf**
data_alignment_indicator	**1**	**bslbf**
copyright	**1**	**bslbf**
original_or_copy	**1**	**bslbf**
PTS_DTS_flags	**2**	**bslbf**
ESCR_flag	**1**	**bslbf**
ES_rate_flag	**1**	**bslbf**
DSM_trick_mode_flag	**1**	**bslbf**
additional_copy_info_flag	**1**	**bslbf**
PES_CRC_flag	**1**	**bslbf**
PES_extension_flag	**1**	**bslbf**
PES_header_data_length	**8**	**uimsbf**
if (PTS_DTS_flags == '10') {		
'0010'	**4**	**bslbf**
PTS [32..30]	**3**	**bslbf**
marker_bit	**1**	**bslbf**
PTS [29..15]	**15**	**bslbf**
marker_bit	**1**	**bslbf**
PTS [14..0]	**15**	**bslbf**
marker_bit	**1**	**bslbf**
}		
if (PTS_DTS_flags == '11') {		
'0011'	**4**	**bslbf**
PTS [32..30]	**3**	**bslbf**
marker_bit	**1**	**bslbf**
PTS [29..15]	**15**	**bslbf**
marker_bit	**1**	**bslbf**
PTS [14..0]	**15**	**bslbf**
marker_bit	**1**	**bslbf**
'0001'	**4**	**bslbf**
DTS [32..30]	**3**	**bslbf**
marker_bit	**1**	**bslbf**
DTS [29..15]	**15**	**bslbf**
marker_bit	**1**	**bslbf**
DTS [14..0]	**15**	**bslbf**
marker_bit	**1**	**bslbf**
}		

Table 2-21

Syntax	No. of bits	Mnemonic
if (ESCR_flag == '1') {		
reserved	**2**	**bslbf**
ESCR_base[32..30]	**3**	**bslbf**
marker_bit	**1**	**bslbf**
ESCR_base[29..15]	**15**	**bslbf**
marker_bit	**1**	**bslbf**
ESCR_base[14..0]	**15**	**bslbf**
marker_bit	**1**	**bslbf**
ESCR_extension	**9**	**uimsbf**
marker_bit	**1**	**bslbf**
}		
if (ES_rate_flag == '1') {		
marker_bit	**1**	**bslbf**
ES_rate	**22**	**uimsbf**
marker_bit	**1**	**bslbf**
}		
if (DSM_trick_mode_flag == '1') {		
trick_mode_control	**3**	**uimsbf**
if (trick_mode_control == fast_forward) {		
field_id	**2**	**bslbf**
intra_slice_refresh	**1**	**bslbf**
frequency_truncation	**2**	**bslbf**
}		
else if (trick_mode_control == slow_motion) {		
rep_cntrl	**5**	**uimsbf**
}		
else if (trick_mode_control == freeze_frame) {		
field_id	**2**	**uimsbf**
reserved	**3**	**bslbf**
}		
else if (trick_mode_control == fast_reverse) {		
field_id	**2**	**bslbf**
intra_slice_refresh	**1**	**bslbf**
frequency_truncation	**2**	**bslbf**
}		
else if (trick_mode_control == slow_reverse) {		
rep_cntrl	**5**	**uimsbf**
}		
else		
reserved	**5**	**bslbf**
}		
if (additional_copy_info_flag == '1') {		
marker_bit	**1**	**bslbf**
additional_copy_info	**7**	**bslbf**
}		
if (PES_CRC_flag == '1') {		
previous_PES_packet_CRC	**16**	**bslbf**
}		
if (PES_extension_flag == '1') {		
PES_private_data_flag	**1**	**bslbf**
pack_header_field_flag	**1**	**bslbf**
program_packet_sequence_counter_flag	**1**	**bslbf**
P-STD_buffer_flag	**1**	**bslbf**
reserved	**3**	**bslbf**
PES_extension_flag_2	**1**	**bslbf**
if (PES_private_data_flag == '1') {		
PES_private_data	**128**	**bslbf**
}		
if (pack_header_field_flag == '1') {		
pack_field_length	**8**	**uimsbf**
pack_header()		
}		
if (program_packet_sequence_counter_flag == '1') {		
marker_bit	**1**	**bslbf**
program_packet_sequence_counter	**7**	**uimsbf**
marker_bit	**1**	**bslbf**
MPEG1_MPEG2_identifier	**1**	**bslbf**
original_stuff_length	**6**	**uimsbf**
}		
if (P-STD_buffer_flag == '1') {		