



INTERNATIONAL STANDARD ISO/IEC 13818-1:2015
TECHNICAL CORRIGENDUM 1

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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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INTERNATIONAL STANDARD
ITU-T RECOMMENDATION

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 ESCR_base[32..30] marker_bit ESCR_base[29..15] marker_bit ESCR_base[14..0] marker_bit ESCR_extension marker_bit }	2 3 1 15 1 15 1 9 1	bslbf bslbf bslbf bslbf bslbf bslbf bslbf uimbsbf bslbf
if (ES_rate_flag == '1') { marker_bit ES_rate marker_bit }	1 22 1	bslbf uimbsbf bslbf
if (DSM_trick_mode_flag == '1') { trick_mode_control if (trick_mode_control == fast_forward) { field_id intra_slice_refresh frequency_truncation } else if (trick_mode_control == slow_motion) { rep_cntrl } else if (trick_mode_control == freeze_frame) { field_id reserved } else if (trick_mode_control == fast_reverse) { field_id intra_slice_refresh frequency_truncation } else if (trick_mode_control == slow_reverse) { rep_cntrl } else reserved }	3 2 1 2 5 2 3 2 1 2 5 5	uimbsbf bslbf bslbf bslbf uimbsbf uimbsbf bslbf bslbf bslbf uimbsbf bslbf
if (additional_copy_info_flag == '1') { marker_bit additional_copy_info }	1 7	bslbf bslbf
if (PES_CRC_flag == '1') { previous_PES_packet_CRC }	16	bslbf
if (PES_extension_flag == '1') { PES_private_data_flag pack_header_field_flag program_packet_sequence_counter_flag P-STD_buffer_flag reserved PES_extension_flag_2 if (PES_private_data_flag == '1') { PES_private_data } if (pack_header_field_flag == '1') { pack_field_length pack_header() } if (program_packet_sequence_counter_flag == '1') { marker_bit program_packet_sequence_counter marker_bit MPEG1_MPEG2_identifier original_stuff_length } if (P-STD_buffer_flag == '1') {	1 1 1 1 3 1 128 8 1 7 1 1 6	bslbf bslbf bslbf bslbf bslbf bslbf bslbf uimbsbf bslbf uimbsbf bslbf bslbf uimbsbf