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

TECHNICAL CORRIGENDUM 2

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

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to ISO/IEC 13818-1:2007 was prepared by Joint Technical Committee ISO/IEC JTC 1, Information technology, Subcommittee SC 29, Coding of audio, picture, multimedia and hypermedia information in collaboration with ITU-T. The identical text is published as Rec. ITU-T H.222.0 (2006)/Cor.2 (08/2009).
Correction of transfer rate Rx in the T-STD model

1) Clause 2.14.3.1

Replace the definition of Rx in clause 2.14.3.1 with:

Rate Rx:

when there is no data in TB, then Rx is equal to zero.

Otherwise: Rx = bit_rate

where bit_rate is 1.2 x BitRate[ SchedSelIdx ] of data flow into the CPB for the byte stream format signalled in the NAL hrd_parameters() carried in VUI parameters in the AVC video stream. Annex E of Rec. ITU-T H.264 | ISO/IEC 14496-10 specifies SchedSelIdx to be in the range from 0 to cpb_ent_minus1 and the rate Rx should be verified for each value of BitRate[ SchedSelIdx ], if multiple values are present in the NAL hrd_parameters(). If NAL hrd parameters() are not present in the AVC video stream, then the bit_rate shall be the bit rate [1200 x MaxBR[level]] defined in Annex A of Rec. ITU-T H.264 | ISO/IEC 14496-10 for the level of the AVC video stream.