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TECHNICAL CORRIGENDUM 2

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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

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RECOMMENDATION ITU-T

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Correction of transfer rate Rx_n 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_n:

when there is no data in TB_n then Rx_n is equal to zero.

Otherwise: Rx_n = 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_cnt_minus1 and the rate Rx_n 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 × MaxBR[level] defined in Annex A of Rec. ITU-T H.264 | ISO/IEC 14496-10 for the level of the AVC video stream.