INTERNATIONAL STANDARD ISO/IEC 30192:2013
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОМИССИЯ • COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

Information technology — Digitally recorded media for information interchange and storage — 120 mm Single Layer (25,0 Gbytes per disk) and Dual Layer (50,0 Gbytes per disk) BD Rewritable disk

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Supports enregistrés numériquement pour échange et stockage d'information — Disques BD réinscriptibles de 120 mm simple couche (25,0 Go par disque) et double couche (50,0 Go par disque)

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 30192:2013 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 23, *Digitally Recorded Media for Information Interchange and Storage*.

Page 26, 10.7

Replace the fourth paragraph:

"If the step from the top surface in the Second transition area to the top surface in the Information Area is > h_{16} = 0,2 mm, then the slope down to the top surface of the Information Area shall be smooth and l_1 < 1,8 mm, as indicted in Figure 10. If the top surface in the Information Area is stepped down from the top surface in the Second transition area, then the step shall end within diameter d_8 = 40,0 mm"

with:

"The step from the top surface in the Second transition area to the top surface in the Information Area is h_{16}. The distance between the start and the end diameter of the step is l_1. If h_{16} > 0,2 mm, then the slope down to the top surface of the Information Area shall be smooth and l_1 shall be > 1,8 mm, as indicted in Figure 10. If the top surface in the Information Area is stepped down from the top surface in the Second transition area, then the step shall end within diameter d_8 = 40,0 mm"

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Page 105, 15.8.3.4

Replace the discriptions of Bytes 69 to 76:

Bytes 69 to 76: These bytes specify the duration of the first pulse of the multi-pulse train for recording Marks with run-lengths of 4T that succeed a Space with a run-length of 2T, 3T, 4T or ≥ 5T (see F.3).

with:

Bytes 69 to 76: These bytes specify the duration of the first pulse of the multi-pulse train for recording Marks with run-lengths of ≥ 4T that succeed a Space with a run-length of 2T, 3T, 4T or ≥ 5T (see F.3).

Page 106, 15.8.3.4

Replace the descriptions of Bytes 95 to 97:

Bytes 95 to 97: ***dT*$_E$ erase level start time**

The first 6 bits (bit b_7 to b_2) of these bytes specify the start time of the erase level, succeeding the recording of Marks with run-lengths of 2T, 3T and ≥ 4T (positive values are leading, negative values are lagging; see F.3).

The start time of the Space level dT_E is expressed as a fraction of the actual Channel-bit clock period as a signed two's-complement binary number u such that

$$u = 16 \times \frac{dT_E}{T_W}$$

The last 2 bits (bit b_1 to b_0) of these bytes shall be Reserved.

Byte 95: This byte shall specify the start time of the Space level succeeding the recording of Marks with run-lengths ≥ 4T.

Byte 96: This byte shall specify the start time of the Space level succeeding the recording of Marks with a run-length of 3T.

Byte 97: This byte shall specify the start time of the Space level succeeding the recording of Marks with a run-length of 2T.

with

Bytes 95 to 97: ***dT*E erase level start time**

The first 6 bits (bit b_7 to b_2) of these bytes specify the start time of the erase level, succeeding the recording of Marks with run-lengths of 2T, 3T and ≥ 4T (positive values are leading, negative values are lagging; see F.3).

The start time of the Erase level dT_E is expressed as a fraction of the actual Channel-bit clock period as a signed two's-complement binary number u such that

$$u = 16 \times \frac{dT_E}{T_W}$$

The last 2 bits (bit b_1 to b_0) of these bytes shall be Reserved.

Byte 95: This byte shall specify the start time of the Erase level succeeding the recording of Marks with run-lengths ≥ 4T.

Byte 96: This byte shall specify the start time of the Erase level succeeding the recording of Marks with a run-length of 3T.

Byte 97: This byte shall specify the start time of the Erase level succeeding the recording of Marks with a run-length of 2T.

Page 111, 15.8.3.5

Replace the equation in the descriptions of Byte *f*:

$$i = 16 \times \frac{T_{top,var}}{T_W}$$

with:

$$j = 16 \times \frac{T_{top,var}}{T_W}$$

Page 202, H.5

Replace Figure H.5:

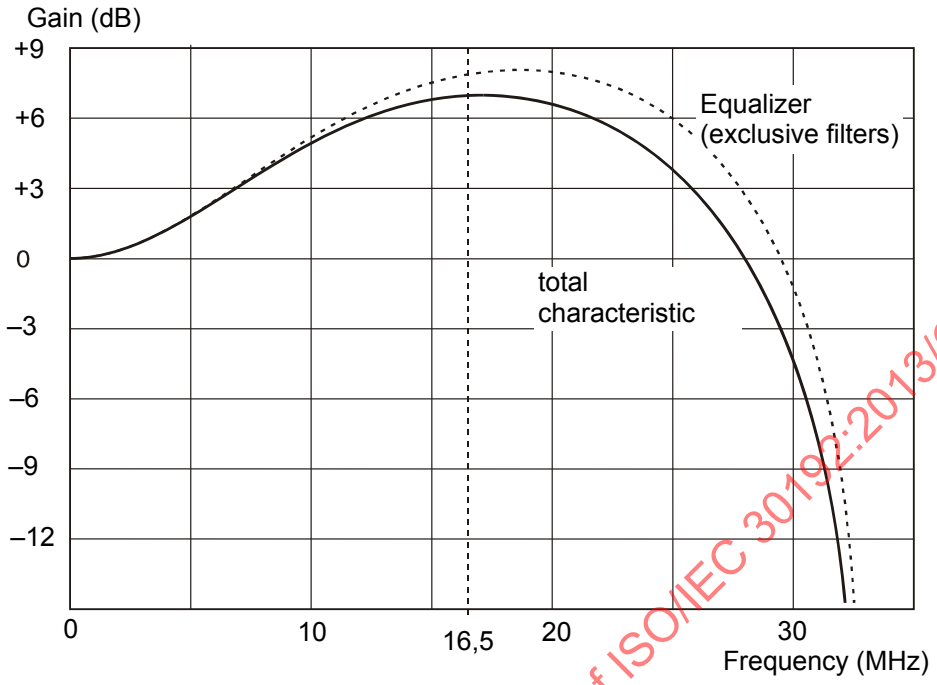

Figure H.1 — Frequency characteristics of Conventional Equalizer

with:

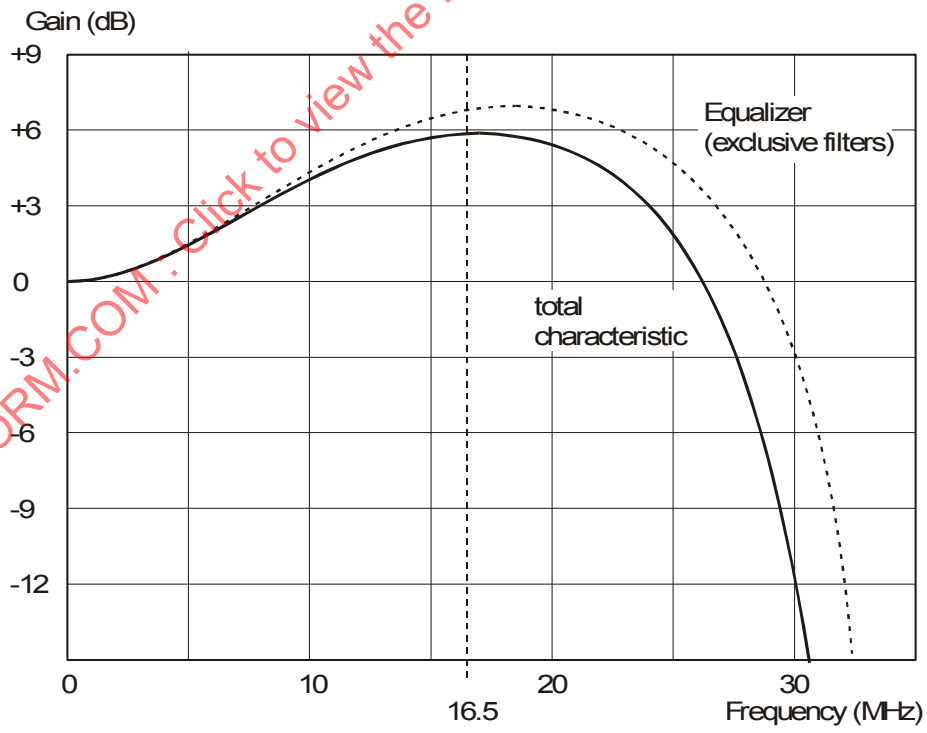

Figure H.2 — Frequency characteristics of Conventional Equalizer