

X3, Information Processing Systems

Doc. No. 97-152R0
Date: March 12, 1997
Project: X3T10-1048D
Ref. Doc.:
Reply to: R. Roberts

To: Membership of X3T10
From: RK Roberts
Subject: Responses to Public Review comments to MMC-1 Document

Kodak's Comments:

001 - Page 114 Track Size for stamped media is not defined. On page 114 add the following:

For the note above Table 147 change from:

NOTE: The Track Size number may not be exact for the tracks that do not have a PMA entry.

Response: Accepted as modified, the note is changed to a statement as follows:

The Track Size number may not be exact for the tracks that do not have a PMA entry. The track size of tracks that do not have PMA entries is calculated as follows:

TrackSize of track $n = (\text{start of track } n+1) - (\text{start of track } n)$

$n+1$ is the Lead Out if n is the last track recorded in the TOC.

The Track Size from this calculation may include blocks from the following track and these blocks may not be readable.

002 - Page 37 the read CD command when EDC ECC is returned it is not clear whether the data is ECC corrected. To clarify this make the following changes:

Current specification reads:

The EDC and ECC bit, when set to one, indicates that the EDC and ECC (L-EC) field shall be included in the data stream. For Mode 1 CD format, this will include the 8 bytes of pad data.

Response: Accepted as Modified:

The EDC and ECC bit, when set to one, indicates that the EDC and ECC (L-EC) field shall be included in the data stream. For Mode 1 CD format, this will include the 8 bytes of pad data.

Error correction is controlled by the Read Error Recovery Mode Page regardless of the setting of the EDC and ECC bit.

003 - Table 37 Change the Sub Channel data selection value 011b from reserved to Vendor Specific and optional. This will allow the specification to meet unique customer needs for the format of sub-channel data.

Response: Accepted

* Operating under the procedures of The American National Standards Institute.

004 - A clarification of Table 111 Data Block Type Codes. Make the following changes for the definition field:

From:

Raw data with P and Q sub-channel
2352 bytes of raw data,

16 bytes buffer for Q sub-channel:

Bytes 0..9 are Q sub-channel data

Bytes 10..11 are Q sub-channel EDC

Bytes 12..14 are zero

Byte 15, most significant bit has state of P sub-channel bit
(not valid for write type = packet)

To:

Raw data with P and Q sub-channel
2352 bytes of raw data,

16 bytes buffer for Q sub-channel:

Bytes 0..9 are Q sub-channel data

Bytes 10..11 are Q sub-channel EDC

Bytes 12..14 are zero

Byte 15, most significant bit has state of P sub-channel bit
(not valid for write type = packet)

(For Q sub-channel data format see table 38)

Response: Accepted as modified

005 - MMC rev 9 Page 88 change table 108, Write Parameters Mode Page change the description of byte 1 from Page Length (32h) to Page Length (32 h or 36h)

Response: Accepted

006 - Blanking types within the BLANK Command Page 95, table 155. the description of type 000b, is; The entire disc is to be erased.

S/B; The entire recordable area (the PMA, the lead-in, the lead-out and the Program area is to be erased regardless of the Disc status.

Response: Accepted as modified per the following: add sentence "The PCA may be excluded." remove second and third sentence and add "The area, from the start time of the Lead-in through the last possible start time of the Lead-out plus 2,250 blocks and the entire PMA shall be blank."