

Accredited Standards Committee*
National Committee for Information Technology Standards (NCITS)

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Project:

Ref. Doc.:

Reply to: Mr. Dan Colegrove
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To: T13 Membership
From: Dan Colegrove
Subject: Comment Resolution on EDD Letter Ballot

1) I was unable to locate document D1226R6a. The attached comments are on document D1226R6 and may have been resolved in revision a.

Resolution: Rev 6a was the same as rev 6 with the removal of the change bars to provide a clean copy for balloting.

2) The document should make clear that CHS addressing applies only to addresses below 16,514,064 logical blocks. The clauses that need modification are:

a) On page 3, Physical Address definition: The physical geometry of drives with capacity less 16,514,064 logical blocks is defined by words 1,3 and 6.

Resolution: Rejected, The definition of physical geometry does not change over 16,514,064 logical blocks.

b) On page 15, the description of offset 8 does not make it clear that above 16,514,064 logical blocks identify word 1 x word 3 x word 6 is not the same as the value in words 60-61.

Resolution: Change second to last line in the description of offset 8 to: For ATA compatible drive with less than or equal to 15,482,880 logical sectors the H0 and S0 values are supplied by WORDS 3 and 6 of the IDENTIFY DEVICE command.

Remove: Note: The total logical sectors can also be read directly from WORD 60 and 61 of the IDENTIFY DEVICE command.

c) Page 7, The translated DTP has its CHS limit of 65536/16/63, which results in an upper limit of 33.8GB for translated values. This should be limited to 16,514,064 logical blocks.

Resolution: Add to Table 5: see Table 2.

Typographical errors:

- 1) Page 6, section 3.3, typographical error '...However, there is a bug is some Operating Systems..-->'..a bug in some Operating Systems..'
- 2) Table numbering is not consistent.
- 3) Header revision numbering is not consistent.

The above comment resolutions and typographical errors are incorporated in rev 7 of EDD.