

To: X3T10 Membership
355r0

X3T10/95-

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Subject: Should Immed bit be validated by FOV?

The FORMAT command defect list header has a Format Options Valid (FOV) bit that is supposed to be set whenever the initiator wishes to change one of the standard format option bits. The original intent was that the Vendor Specific bit was not validated by this bit but all of the standard bits were. The description in the standard lists the DPRY, DCRT, STPF, IP, and DSP bits as being validated by the FOV bit but the Immed bit is not listed.

I believe that this was an oversight. When the Immed option was added to FORMAT, it should have been added to the list of bits that are "validated" by the FOV bit. Does anyone object to making this change in SBC?

There is always the chance that the Immed bit was intentionally defined so that it is not validated by the FOV bit. If anyone believes this to be the case, why should this bit be treated differently than the other standard option bits?

How about real implementations? For products that support the Immed option, do they validate the bit with FOV or not? Any feedback on this issue will be appreciated.

This issue will be discussed at the SCSI working group next week. John Lohmeyer, will you please add this issue to the agenda?