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Date: October 5, 1987
To: Accredited Standards Committee X3T9.2
From: John Masiewicz
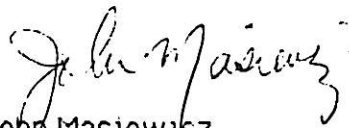Subject: Optional Wide Data Transfer Options

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The Wide Data Transfer option as defined in SCSI-2 Revision 2 (8-1-87) requires that all SCSI devices which support wide data transfers also support data transfers in the 8-bit wide mode (second paragraph 5.1.6.3).

The first paragraph of 5.1.6.3 says that the wide transfers are only used in the data phase, implying that commands and responses are always in the 8-bit mode (to which I believe there is no controversy). I believe this was the intent of the last sentence of the second paragraph of 5.1.6.3. I do not think it was the intent to require wide-transfer devices to support 8-bit data transfers (although this should be allowed, it should not be required).

I recommend the following change in the second paragraph of 5.1.6.3:

> Wide transfer of two or four bytes may be established. Although not mandatory, it is recommended that targets and initiators that support 32-bit wide transfers also support 16-bit wide transfers as well. All SCSI devices shall support 8-bit transfers <u>during commands and responses.</u>

Sincerely,

John Masiewicz
Member of the Technical Staff

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