Proposal for SPI-5 to remove single ended and Multimode

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SPI-5 is the 4th generation of LVD SCSI, there are 6 years of multimode devices shipping for the transition to LVD SCSI. The technology required to support SPI-5 is not tolerate of the 5 volts required for single ended. This is the right time to drop multimode and single ended from the standard. Single ended has not changed since SPI-2, there is no need to continue the documentation, it is duplicated in 3 generations of the standard that are not being obsoleted.

The poll to date looks like agreement, with a couple of companies still checking. I would like to cover this in the SPI working group Tuesday September 11, 2001. The Ultra640 discussions will continue in the STAtech meeting Wednesday September 12th, if there is not enough time in the SPI working group.

Changes: (SPI-4 rev 5 section numbers)
Table 1 Transceiver/speed support map, remove SE and MSE lines.

Remove Figure 2 SE SCSI bus

Remove the SE lines from table 2 “Cross-reference to A cable contact assignments” and remove the A from the title

Remove section 5.4.2 SE Assignments

Remove sections 6.6 Cables used with SE Transceivers and 6.7 SE Ground offset

Remove sections 7.2 SE Alternative and 7.4 LVD/MSE multimode alternative

Remove sections 9.3.2 SE fast-5 and fast-10 measurement points and 9.3.3 SE fast-20 measurement points

Remove figure H.1 Interconnecting SE A and P cables

Remove Annex I transmission line considerations for SE fast-20 data transfer rates