Western Digital

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To: Membership NCITS T10
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Subject: ASC/ASCQ for CRC errors during DT transfer

Western Digital proposes the addition of an ASC/ASCQ for a CRC during DT transfers. Currently, the only applicable ASC/ASCQ is a 47/00 which is a SCSI parity error. We would like a more explicit code for both DT CRC errors and for parity errors during parallel SCSI data transfer. In addition, we see a need to explicitly report an iuCRC error for packetized SCSI.

Western Digital proposes that SPC-2 be modified as follows:

- Table 73 should be modified to add the following codes.
    - 47 01   pCRC error detected.
    - 47 02   SCSI parity error detected during ST data phase.
    - 47 03   iuCRC error detected.

- Annex C, Table C1 should also have the above codes added.