To: INCITS T10 Committee

From: Paul Entzel, Quantum

Date: 5 August 2002

Document: T10/02-308r0

Subject: Change ASC for truncated parameter in SPC-3 for LOG SELECT command

1. Proposed Change

This proposal requests that the addition sense code used to report a truncated page or parameter for a LOG SELECT command be changed from INVALID FIELD IN CDB to PARAMETER LIST LENGTH ERROR in SPC-3. This change would make the LOG SELECT command consistent with other Data Out commands such as MODE SELECT, WRITE ATTRIBUTES, EXTENDED COPY, and PERSISTENT RESERVE OUT.

The following paragraph from MODE SELECT is consistent with other Data Out commands:

"The device server shall terminate the command with CHECK CONDITION status if the parameter list length results in the truncation of any mode parameter header, mode parameter block descriptor(s), or mode page. The sense key shall be set to ILLEGAL REQUEST, and the additional sense code shall be set to PARAMETER LIST LENGTH ERROR."

The following paragraph is used in the LOG SELECT command:

"If a parameter list length results in the truncation of any log parameter, the device server shall terminate the command with CHECK CONDITION status. The sense key shall be set to ILLEGAL REQUEST and the additional sense code set to INVALID FIELD IN CDB."

The additional sense code of PARAMETER LIST LENGTH ERROR is more specific and consistent with other similar commands.