

To: INCITS T10 Committee
From: Paul Entzel, Quantum
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Subject: Change ASC for truncated parameter in SPC-3 for LOG SELECT command

1. Proposed Change

This proposal requests that the text defining the sense data used to report a truncated page or parameter for a LOG SELECT command in SPC-3 be in changed from:

“The sense key shall be set to ILLEGAL REQUEST, and the additional sense code set to INVALID FIELD IN CDB.”

To:

“The sense key shall be set to ILLEGAL REQUEST. The additional sense code should be set to PARAMETER LIST LENGTH ERROR or may be set to INVALID FIELD IN CDB.”

2. Justification

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.