

X3T9.2/87-159

Maxtor

The last word in
all disk storage

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August 27, 1987

SCSI-2 Working Group, X3T9.2

SUBJECT: SELF CONFIGURATION ERRORS

Attached for your review is a proposal for defining error codes required for devices that self-configure upon power-up (loading saved page values, i.e., sector size, loading code, etc.)

The only standard response after power-up is Unit Attention/Power-On occurred (06/29). The problem is that this standard response is returned when the device has not finished self-configuration, or has failed self-configuration. There is obviously a drastic difference between the two. Depending on which of these events occurs, the subsequent Host action varies dramatically.

To compensate for this deficiency of the current standard, the following recommendation is proposed:

| <u>SENSE KEY</u> | <u>SENSE CODE</u> |
|-------------------|---|
| 02 Not Ready | 50 Device has not yet self-configured |
| 04 Hardware Error | 51 Device has failed self-configuration |

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