



subject: Clarifications to Appendix H.

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The following editorial change is recommended to Appendix H.

Under section H.2.1 the first paragraph:

Initiator Activities

Power On: It is assumed that each SCSI device, as it is powered on, performs appropriate internal reset operations and internal test operations. Once powered on, initiators that have the target capability should be prepared to respond to a selection within a system specific time.

This reference to "running reset operations and internal test operations" as well as the phrase "should be prepared to respond to a selection within a system specific time", seems relevant to all target SCSI devices. However, a similar paragraph on power on is not included in Section H.3 (Direct Access Initialization), or Section H.4 (Sequential Access Initialization). Rather than add a similar paragraph to each of these sections, it is recommended that one paragraph be added at section H.2 "General Procedures For Initializing Device". It should read as follows:

It is assumed that each SCSI device, as it is powered on, performs appropriate internal reset operations and internal test operations. Once powered on, All controllers that have target capability should be prepared to respond to a selection within a system specific time. In addition it is recommended that the following note:

IMPLEMENTORS NOTE: It is recommended that all controllers that have target capability respond to a selection within 10 seconds of power-on.

It is important to systems which do autoconfiguration on power up that they can expect a response within a known limit. This note is being recommended with the knowledge that certain SCSI devices presently on the market do not (and cannot) meet this recommended value. However, some devices on the market could have been designed to meet this goal if a recommended value existed in previous standards. It is important to include this note so as to give guidance to future devices developers. This is not a SCSI requirement, but it can give target vendors a feeling that the time of response after power up is an issue to consider.

--jwl

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