

SCSI-2 CAM Changes Proposal

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To: John Lohmeyer X3T9.2 Committee Chairman

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Subject: Proposed change in time units for Timeout Value field in CAM

The Timeout Value field in the CCB for the Execute IO function is presently defined to be a one second granularity. We anticipate some of our CAM-clients will require an even smaller timeout value than the one second minimum. We therefore propose that the time unit for this field be changed to 100 microSeconds from seconds. Below is the revised-text.

9.1.25 Timeout Value

This field contains the maximum period in units of 100uSec that a request can remain outstanding. If this value is exceeded then the CAM Status shall report the timeout condition. A value of 00h in the CCB means the peripheral driver accepts the SIM default timeout. A value of F...Fh in the CCB specifies an infinite period.