Date: November 5, 2003

To: T10 Committee (SCSI)

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Subject: OOB Burst Receiver Requirements

1 Overview

Currently there is no guidance on the receiver as to what constitutes a detected OOB Align burst signal. This proposal remedies that.

1.1 6.5 Out of band (OOB) signals

Place the following right after figure 49 in rev 3c:

Table 1 describes the OOB signal receiver requirements for detecting align bursts, assuming T_{burst} is the length of the detected burst time. The burst time shall not be used to distinguish between signals.

Table 1 — OOB signal receiver align burst time detection requirements

Signal	may detect	shall detect
COMWAKE	$T_{burst} \leq 40$ ns	$T_{burst} > 40$ ns
COMINIT/ COMRESET	$T_{burst} \leq 40$ ns	$T_{burst} > 40$ ns
COMSAS	$T_{burst} \leq 40$ ns	$T_{burst} > 40$ ns

Table xx describes the OOB signal receiver requirements for detecting idle times, assuming T_{idle} is the length of the detected idle time. The burst time is not used to distinguish between signals.