

To: T10 Committee (SCSI)

From: George Penokie (IBM)

Subject: Additional Device Types for ASC/ASCQs

The following ASC/ASCQs should be modified to allow them to be used more device types that just the Storage Array Device (SCC). One reason for this is that the volume sets defined within a SCC device takes on all the characteristics of the devices that make up the volume set and therefore should be able to report back to listed error under that device type not the SCC device type.

D - DIRECT ACCESS DEVICE (SBC) Device column key
 T - SEQUENTIAL ACCESS DEVICE (SSC) blank = reserved
 L - PRINTER DEVICE (SSC) not blank = allowed
 P - PROCESSOR DEVICE (SPC)
 W - WRITE ONCE READ MULTIPLE DEVICE (SBC)
 R - CDDEVICE (MMC)
 S - SCANNER DEVICE (SGC)
 O - OPTICAL MEMORY DEVICE (SBC)
 M - MEDIA CHANGER DEVICE (SMC)
 C - COMMUNICATION DEVICE (SSC)
 A - STORAGE ARRAY DEVICE (SCC)
 E - ENCLOSURE SERVICES DEVICE (SES)

ASC	ASCQ	DTLPWRSOMCAE	Description
04	05	DT W OMCA	UNIT NOT READY, REBUILD IN PROGRESS
04	06	DT W OMCA	UNIT NOT READY, RECALCULATION IN PROGRESS
3E	01	DTLPWRSOMCAE	LOGICAL UNIT FAILURE
35	02	DTLPWRSOMCAE	TIMEOUT ON LOGICAL UNIT