

ENDL TEXAS

Date: 10 July 2003

To: T10 Technical Committee

From: Ralph O. Weber

Subject: Obsolete the Control mode page Disable Queueing bit

SAM-3 no longer discusses "tagged queuing". Only "task set management" is discussed and there is no way to disable it. All SAM-3 based transport protocols require a tag value and a task attribute (Simple, Ordered, etc.).

Therefore, it seems reasonable to state that "task set management" cannot be disabled.

Based on these observations, it seems sensible to make obsolete the DQUE bit in the Control mode page.

Change 1: Make the following change in the table defining the Control mode page.

Table 222 — Control mode page

Bit Byte	7	6	5	4	3	2	1	0
0	PS	SPF (0b)	PAGE CODE (0Ah)					
1	PAGE LENGTH (0Ah)							
2	TST			Reserved		D_SENSE	GLTSD	RLEC
3	QUEUE ALGORITHM MODIFIER				Reserved	QERR		Obsolete
4	TAS	RAC	UA_INTLCK_CTRL		SWP	Obsolete		
5	Reserved					AUTOLOAD MODE		
6	Obsolete							
7								
8	(MSB)	BUSY TIMEOUT PERIOD						(LSB)
9								
10	(MSB)	EXTENDED SELF-TEST COMPLETION TIME						(LSB)
11								

Change 2: Delete the following paragraph in the Control mode page description.

~~A disable queuing (DQUE) bit set to zero specifies that tagged queuing shall be enabled if the device server supports tagged queuing. A DQUE bit set to one specifies that tagged queuing shall be disabled. Any queued commands received by the device server shall be aborted. The method used to abort queued commands is protocol specific.~~