To: Membership of X3T10

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Subject: Changes for the READ POSITION command in the Sequential Device command set.

I am requesting the following changes to the READ POSITION command in SSC for SCSI-3 as recommended at the SSC/SMC Working group held in November, 1994.

1. That the READ POSITION command be mandatory for the Sequential Command Set in SSC for SCSI-3.
2. That the fields BCU and BYCU be added to the READ POSITION data, short form (TCLP and LONG are set to 0 in the CDB).

The BCU and BYCU bits are added in byte 0 of the READ POSITION data, short form. The remainder of the data is unchanged from the current definition. Only the new bits are defined here.

The following text will be added to the READ POSITION COMMAND in SSC. Change bars indicate changes in currently existing text.

Table xx - READ POSITION data format, short form

Bit / Byte	7	6	5	4	3	2	1	0
0	BOP	EOP	**BCU**	**BYCU**	Rsvd	BPU	PERR	Rsvd
1	Partition Number							
2	Reserved							
3	Reserved							
4 : 7	(MSB) First block location (LSB)							
8 : 11	(MSB) Last block location (LSB)							
12	Reserved							
13 : 15	(MSB) Number of blocks in buffer (LSB)							
16 : 19	(MSB) Number of bytes in buffer (LSB)							

A block count unknown (BCU) bit of one indicates that the Number of blocks in buffer field does not represent the actual number of blocks in the buffer. A BCU bit of zero indicates that the Number of blocks in buffer field is valid.

A byte count unknown (BYCU) bit of one indicates that the Number of bytes in buffer field does not represent the actual number of bytes in the buffer. A BYCU bit of zero indicates that the Number of bytes in buffer field is valid.