

To: T10 Committee
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Subj: SPC-3 table 230 incorrect
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When I look at SPI-4 rev. 9:

Table 86 is the port control page long format. This table is a restatement of table 230 in SPC-3 rev. 4. Bytes 4 & 5 in table 86 are reversed with respect to bytes 4 & 5 in table 230. These existing tables are as follows:

Table 86 - Port control page long format

Bit Byte	7	6	5	4	3	2	1	0
0	PS	LONG (1)	PAGE CODE (19h)					
1	SUBPAGE CODE							
2	(MSB)	PAGE LENGTH (n-3)						(LSB)
3								
4	RESERVED							
5	RESERVED				PROTOCOL IDENTIFIER = 1h			
6								
n	PROTOCOL SPECIFIC MODE PARAMETERS							

Table 230 — Sub_page format protocol specific port page

Bit Byte	7	6	5	4	3	2	1	0
0	PS	SPF (1b)	PAGE CODE (19h)					
1	SUBPAGE CODE							
2								
3	PAGE LENGTH (n-3)							
4	Reserved				PROTOCOL IDENTIFIER			
5	Protocol specific mode parameters							
n								

These tables are clearly inconsistent with each other. Discussion at the SPI working group meeting strongly favored changing SPC-3 table 230 to match the SPI-4 table because SPI-4 is in public review and therefore much more difficult to change. In accordance with these wishes, I propose to change table 230 by making byte 4 reserved and moving the protocol identifier field to byte 5. This makes it consistent with SPI-4. It is also believed that none of the other protocol documents contradict this because none of them address the subpage format yet.