

## T10/06-456r3 SMC-3 Support column in mode page codes and subpage codes table

To: T10 Technical Committee  
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 Date: 30 November 2006  
 Subject: T10/06-456 SMC-3 Support column in mode page codes and subpage codes table

### Revision History

Revision 0 (11 October 2006): initial revision  
 Revision 1 (29 November 2006): added defines for M and O  
 Revision 2 (30 November 2006): added SMC WG comments from November telephone conference  
 Revision 3 (12 March 2007): modified text of footnote 'c' based upon comments from March SMC-3 WG meeting

### Related Documents

SMC-3 r4 - SCSI Media Changer Commands – 3, revision 4

### Overview

The table 42, 'Mode page codes and subpage codes' does not specify which mode pages are mandatory. This proposal adds a column to this table that adds this information.

### Suggested changes to SMC-3

Changes to table 42:

**Table 42 — Mode page codes and subpage codes**

Page code	Subpage code	Mode page name	Support	Reference
00h	Not applicable	Vendor-specific (does not require page format)		
01h	00h – FEh	Reserved		
02h	00h	Disconnect Reconnect	O	SPC-3
03h – 09h	00h – FEh	Reserved		
0Ah	00h	Control	O	SPC-3
0Ah	01h	Control Extension	O	SPC-3
0Bh – 17h	00h – FEh	Reserved		
18h	00h	Protocol Specific LUN	M <sup>b</sup>	SPC-3
19h	00h	Protocol Specific Port	M <sup>c</sup>	SPC-3
1Ah	00h	Power Condition	O	SPC-3
1Bh	00h – FEh	Reserved		
1Ch	00h	Informational Exceptions Control	O	SPC-3
1Dh	00h	Element Address Assignment	M	7.3.4
1Eh	00h	Transport Geometry Parameters	M	7.3.5
1Fh	00h	Device Capabilities	M	7.3.2
1Fh	41h	Extended Device Capabilities	M	7.3.3
20h – 3Eh	00h	Vendor-specific (page_0 format required)		
20h – 3Eh	01h – FEh	Vendor-specific (sub_page format required)		
00h – 3Eh	FFh	Return all subpages for the specified mode page in the page_0 format for subpage 00h and in the sub_page format for subpages 01h – FEh <sup>a</sup>	M	SPC-3
3Fh	00h	Return all subpage 00h mode pages in page_0 format <sup>a</sup>	M	SPC-3
3Fh	FFh	Return all subpages for all mode pages in the page_0 format for subpage 00h and in the sub_page format for subpages	M	SPC-3

		01h – FEh <sup>a</sup>		
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All page code and subpage code combinations not shown in this table are reserved.

Support type:     M = Mandatory  
                      O = Optional

<sup>a</sup> Valid only for the MODE SENSE command

<sup>b</sup> Mandatory if supported by the transport protocol

<sup>c</sup> Mandatory if supported by the transport protocol and the logical unit is presented on LUN 0, otherwise optional