

To: INCITS T10 Committee
 From: Paul Entzel, Quantum
 Date: 10 June 2005
 Document: T10/05-234r0
 Subject: ADC-2: Fix SET MEDIUM ATTRIBUTES attribute structure

1 Revision History

Revision 0:
 Posted to the T10 web site on 10 June 2005.

2 Reference

ADC-2 revision 1.
 T10/05-015r2.

3 General

The SET MEDIUM ATTRIBUTE command was added to ADC-2 in revision 1. The parameter data for this command has a 2 byte long field (ATTRIBUTE LENGTH) that is not aligned with a 2 byte offset in the structure. This is difficult to implement with some processor types. It would be nice to fix this before anybody implements it.

4 Proposal

Modify table 9 in ADC-2 by adding a reserved byte at offset 3 and shifting the fields at offset 3 and greater down one byte, as follows:

Table9 – SET MEDIUM ATTRIBUTE attribute format

Bit	7	6	5	4	3	2	1	0
0	(MSB) _____							
1	ATTRIBUTE IDENTIFIER							(LSB)
2	Reserved					FORMAT		
3	Reserved							
4	(MSB) _____							
5	ATTRIBUTE LENGTH (n-5)							(LSB)
6	_____							
n	ATTRIBUTE VALUE _____							