

Date: September 29, 2004
 To: T10 Committee (SCSI)
 From: George Penokie (IBM/Tivoli)
 Subject: SAS 1.1 - Missing Protocol Identifier field

1 Overview

In the protocol-specific port mode page - phy control and discover subpage there should be a protocol identifier field. This proposal adds that field.

2 Changes to SAS 1.1

2.0.0.0.1 Protocol-Specific Port mode page - Phy Control And Discover subpage

The Phy Control And Discover subpage contains phy-specific parameters. Parameters in this page shall affect only the referenced phy.

Table 1 defines the format of the subpage for SAS SSP.

Table 1 — Protocol-Specific Port mode page for SAS SSP - Phy Control And Discover subpage

Byte\Bit	7	6	5	4	3	2	1	0
0	PS	SPF (1b)	PAGE CODE (19h)					
1	SUBPAGE CODE (01h)							
2	(MSB)	PAGE LENGTH (n - 3)						(LSB)
3	Reserved							
4	Reserved				PROTOCOL IDENTIFIER (6h)			
5	Reserved							
6	NUMBER OF PHYS							
SAS phy mode descriptors								
8	First SAS phy mode descriptor							
...	...							
n	Last SAS phy mode descriptor							

[The PROTOCOL IDENTIFIER field shall be set to 6h indicating this is a SAS SSP specific mode page.](#)