Date: Feb. 10, 1999

To: T10 Committee (SCSI)

From: George Penokie (IBM)

Subject: Changes to Inquiry

0.0.1 Standard INQUIRY data

The standard INQUIRY data (see table 1) shall contain at least 36 bytes.

Table 1 — Standard INQUIRY data format

Bit / Byte	7	6	5	4	3	2	1	0
0	Peripheral qualifier			Peripheral device type				
1	RMB	Reserved						
2	ISO/IEC version		ECMA version			ANSI version		
3	AERC	Obsolete	NormACA	HiSupport	Response data format			
4	Additional length (n-4)							
5	SCCS	Reserved		~~crcs~~	~~stc~~	~~dtc~~	~~qas~~	~~ius~~
6	BQue	EncServ	VS	MultiP	MChngr	~~AckReqQ†~~	~~Addr32†~~	Addr16†
7	RelAdr	~~WBus32†~~	WBus16†	Sync†	Linked	TranDis†	CmdQue	VS
8	(MSB)	Vendor identification						
15								(LSB)
16	(MSB)	Product identification						
31								(LSB)
32	(MSB)	Product revision level						
35								(LSB)
36	Vendor-specific							
55								
56	Reserved		CRCS†		CLOCKING†		QA†	IUS†
57	Reserved							
95								
	Vendor-specific parameters							
96	Vendor-specific							
n								

Note: † The meanings of these fields are specific to SPI-3. For protocols other than SPI-3 these fields are reserved.

A CRC supported (CRCS) bit of one indicates that the device server supports CRC on the DT data phases. A value of zero indicates that the device server does not support CRC on the DT data phases.

Table 2 - CRCS **field**

Codes	Description
00b	Indicates the device server supports only ST
01b	Indicates the device server supports only DT
10b	Reserved
11b	Indicates the device server supports ST and DT

The CLOCKING field shall not apply to asynchronous transfers and is defined in table 3.

Table 3 - CLOCKING **field**

Codes	Description
00b	Indicates the device server supports only ST
01b	Indicates the device server supports only DT
10b	Reserved
11b	Indicates the device server supports ST and DT

A quick arbitrate (QA) bit of one indicates that the device server supports the quick arbitrate feature. A value of zero indicates that the device server does not support the quick arbitrate feature.

An information unit supported (IUS) bit of one indicates that the device server supports information units. A value of zero indicates that the device server does not support information units.