ISO/IEC 14776-326
(First edition – 2002)

Information technology -
Small computer system interface (SCSI) –

Part 326: Reduced block commands (RBC)

CORRIGENDUM 1

2 Normative references

Replace the text of the entire Clause by the following new text and references:

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document, including any amendments, applies.

The provisions of the referenced specifications other than ISO/IEC, IEC, ISO and ITU documents, as identified in this clause, are valid within the context of this International Standard. The reference to such a specification within this International Standard does not give it any further status within ISO or IEC. In particular, it does not give the referenced specification the status of an International Standard.

ISO/IEC 13213:1994, *Information technology – Microprocessor systems – Control and status register (CSR) architecture for microcomputer buses*

ISO/IEC 14776-232:2001, *Information technology – Small Computer System Interface (SCSI) – Part 232: Serial Bus Protocol-2 (SBP-2)*

ISO/IEC 14776-321:2002, *Information technology – Small Computer System Interface-3 (SCSI-3) – Part 321: Block commands (SBC)*

ISO/IEC 14776-362:2006, *Information technology – Small Computer System Interface (SCSI) – Part 362: Multimedia commands-2 (MMC-2)*

ISO/IEC 14776-412:2006, *Information technology – Small Computer System Interface (SCSI) – Part 412: Architecture model-2 (SAM-2)*

ISO/IEC 14776-452:2005, *Information technology – Small Computer System Interface (SCSI) – Part 452: Primary commands-2 (SPC-2)*[1]

IEEE 1394:1995, *High Performance Serial Bus*

IEEE 1394A:2000, *High Performance Serial Bus Amendment 1*

3 Definitions, acronyms, keywords and conventions

Replace, in terms and definitions 3.1.1, 3.1.2, 3.1.7 and 3.1.8 the reference to

ISO/IEC 14776-312

by:

ISO/IEC 14776-452.

4.2.0 General

Replace in the second paragraph the reference to

ISO/IEC 14776-312

by:

ISO/IEC 14776-452.

4.2.3 FORMAT UNIT command progress determination

Replace, the last sentence which reads:

See the SPC standard (ANSI X3.301:1997) for a description of this method.

by:

See the SPC-2 standard (ISO/IEC 14776-452) for a description of this method.

4.5 Reservations

Replace in the third and fourth paragraphs the following text:

allowed: Commands issued by initiators not holding the reservation or by initiators not registered when a registrant's only persistent reservation is present should complete normally.

conflict: Commands issued by initiators not holding the reservation or by initiators not registered when a registrant's only persistent reservation is present shall not be performed and the device server shall terminate the command with a RESERVATION CONFLICT status.

Commands from initiators holding a reservation should complete normally. The behavior of commands from registered initiators when a registrant's only persistent reservation is present is specified in Table 1.

by:

allowed: Commands issued by initiators not holding the reservation or by initiators not registered when a registrants only persistent reservation is present should complete normally.

conflict: Commands issued by initiators not holding the reservation or by initiators not registered when a registrants only persistent reservation is present shall not be performed and the device server shall terminate the command with a RESERVATION CONFLICT status.

Commands from initiators holding a reservation should complete normally. The behavior of commands from registered initiators when a registrants only persistent reservation is present is specified in Table 1.

Replace in last paragraph before Table 1 the reference to

ISO/IEC 14776-312

by:

ISO/IEC 14776-452.

5.0 Reduced block commands

Replace in the first paragraph as well as in NOTE 2 and footnote [a] to Table 2 the reference to

ISO/IEC 14776-312

by:

ISO/IEC 14776-452.

Replace the last sentence which reads:

The control byte (the last byte of the CDB) shall be set to zero.

by:

The CONTROL byte (the last byte of the CDB) shall be set to zero.

5.4.0 General

Table 7 START STOP UNIT Command Descriptor Block

Replace Table 7 by the following new Table 7:

Table 7 – START STOP UNIT Command Descriptor Block

Bit Byte	7	6	5	4	3	2	1	0
0	OPERATION CODE (1Bh)							
1	Reserved							IMMED
2	Reserved							
3	Reserved							
4	POWER CONDITIONS				Reserved		LOEJ	START
5	CONTROL = 00h							

5.4.1 Power conditions

Replace the first sentence in the first paragraph which reads:

The POWER CONDITIONS field requests that the logical unit be placed into the power condition defined in Table 12.

by:

The POWER CONDITIONS field requests that the logical unit be placed into the power condition defined in Table 8.

5.5 SYNCHRONIZE CACHE command

Replace the existing Table 10 by the following new Table 10:

Table 10 – SYNCHRONIZE CACHE Command Descriptor Block

Bit Byte	7	6	5	4	3	2	1	0
0	OPERATION CODE (35h)							
1	Reserved							
2	Reserved							
3	Reserved							
4	Reserved							
5	Reserved							
6	Reserved							
7	Reserved							
8	Reserved							
9	CONTROL = 00h							

5.8.3 RBC device parameter page

Table 14

Replace the existing Table 14 by the following new Table 14:

Table 14 – RBC Device Parameters page format

Bit Byte	7	6	5	4	3	2	1	0
0	PS = 1	rsvd	PAGE CODE (06h)					
1	PAGE LENGTH (0Bh)							
2	Reserved							WCD
3	(MSB)	LOGICAL BLOCK SIZE						
4								(LSB)
5	(MSB)	NUMBER OF LOGICAL BLOCKS						
6								
7								
8								
9								(LSB)
10	POWER/PERFORMANCE							
11	Reserved				READD	WRITED	FORMATD	LOCKD
12	Reserved							

6.1.0 General

Replace the sixth paragraph which reads:

RBC devices shall not support Auto Contingent Allegiance and ignore the Normal ACA bit in the CDB Control byte. Therefore, RBC devices shall return a zero in the Normal ACA bit in Inquiry data (shown as NACA in table 15).

by:

RBC devices shall not support Auto Contingent Allegiance and ignore the Normal ACA bit in the CDB Control byte. Therefore, RBC devices shall return a zero in the Normal ACA bit in Inquiry data (shown as NACA in Table 16).